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United States
Department of
Agriculture

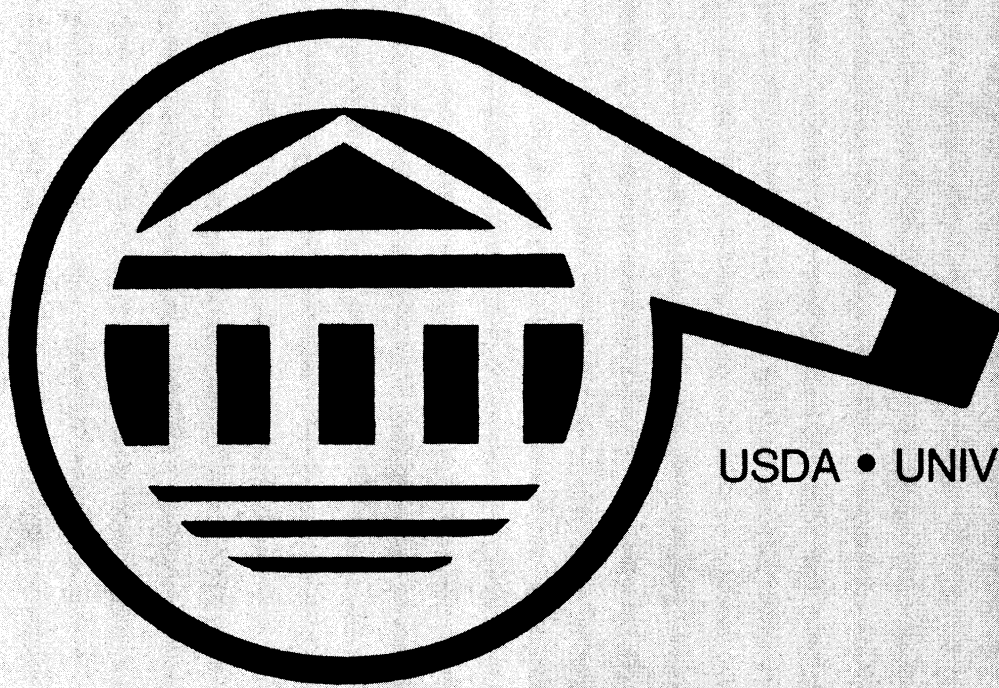
Cooperative
State Research
Service

October 1982

Inventory of Agricultural Research FY 1980

Volume II
Table II, III and IV

SCIENCE AND EDUCATION
IN AGRICULTURE



USDA • UNIVERSITIES

INVENTORY OF AGRICULTURAL RESEARCH

Volume II
(Tables II, III, IV)

Funding and scientist year data for USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions - by Commodity or Resource and by the Research Problem Area.

FISCAL YEAR 1980

This report was compiled from data supplied to the Current Research Information System (CRIS) by USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions

Issued by

COOPERATIVE STATE RESEARCH SERVICE
SCIENCE AND EDUCATION
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

SEPTEMBER 1982

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Colorado, Connecticut (New Haven)	40
Connecticut (Storrs), Delaware, District of Columbia	41
Florida	42
Georgia, Guam	43
Hawaii, Idaho	44-45
Illinois	46
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Iowa	48
Kansas	49
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I N T R O D U C T I O N

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966, on research conducted by the USDA, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study. A National Program of Research for Agriculture, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and other Institutions on Forms AD-416, AD-417, and AD-419. (See Table of Contents)

The Inventory is composed of five tables published in three volumes. Volume I (Tables I-A and I-B) reports scientist years and amount of funds by each performing organization, by designated Research Problem Area (RPA) and Commodity; I-B Tables show total research for each Research Problem Area.

Volume II includes Tables in the II, III, and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and USDA agencies. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for State stations and other non-Federal institutions by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the Long-Range Study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E Tables provide summaries of funds and scientist years by agency or station.

Table V in Volume III shows scientist years by Research Program Group (RPG) and Research Program (RP). RP's and RPG's are made up of unique combinations determined by type of research (Agricultural or Forestry), commodity, and Research Problem Area (RPA) classification.

Funds appearing in Volumes I and II are gross figures. This means that funds not allocated to specific research projects but considered to be an integral part of the cost of doing research are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects varies among the Stations and USDA agencies. It usually includes administration, supervision, and personnel and financial services. It may include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972 Tables III and IV in Volume II reflected net funds.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in each of the volumes. More complete descriptions of classification can be found in the "Manual of Classification of Agricultural and Forestry Research" available from the Current Research Information System, Technical Information Systems, Science and Education Administration, U.S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)
"Field of Science" - 0412 (Entomology), "Problem Area" - 207
(Insect pests of Field Crops) - 100%

Some inputs (projects) could not be classified on a single classification "line." For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis was on disease resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity"-1400 (Corn)
"Field of Science" - 0512 (Genetics), "Problem Area" - 208
(Control of disease of field crops) - 75%

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn).
"Field of Science" - 0512 (Genetics), "Problem Area" - 307
(Improvement of biological efficiency of field crops) - 25%

In the Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of diseases of field crops," and 25% would be aggregated with other projects in the Problem Area. "Improvement of biological efficiency of field crops." In the Commodity tabulations, 100% of this project would be in "corn."

TABLE II

Column 1 includes abbreviations for the Commodity and Problem Area Classifications. See the Manual of Classification of Agricultural and Forestry Research, Revision III, January 1978, for a more detailed description of the Commodity and Problem Area classification.

"NO OF PROJ" column 2, gives the number of projects in a particular classification category. Projects with more than one line of classification (as explained in the last two paragraphs on page vi) may be tabulated in more than one category.

"SCIENTIST YEARS" column 3, includes for SAES, Forestry Schools, and Other Cooperating Institutions all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other non-research activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-years include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment.

"REG FED APPR (CSRS ADMSTRD)" column 4, means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including CSRS in the case of Special Grants, the amounts reported are the sums of the amounts in Fields 101, 104, 105, 106 and 107 of Form AD-418 plus the amount in Field 19 of Form AD-416 for grants and contracts in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to Federal funds made available by CSRS to SAES, Forestry Schools, and Other Cooperating Institutions. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203 and 205 of Form AD-419.

"TOTAL FUNDS" column 5, includes for USDA all funds under "REG FED APPR" plus "Other Federal Research Funds" as reported on Form AD-418 (excepting AID funds and PL-480 funds) plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES, Forestry Schools, and Other Cooperating Institutions "TOTAL FUNDS" includes "REG FED APPR" plus "Other Federal Research Funds" excepting AID funds) as reported on Form AD-419 plus "Non-Federal Research Funds" as reported on Form AD-419.

"USDA CON GR CA WITH SAES," columns 6 and 7, refer to contracts, grants, and cooperative agreements under which the USDA uses Federally appropriated funds to State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions for the performance of specific research tasks. They include CR "Special Grants" but not grants from other CR administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 through 5. State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions report expenditures of these funds in Fields 204 and 219 of Form AD-419. Scientist-years supported by these funds are not reported separately for SAES, et al. in column 6 but are included in column 3. USDA agencies treat each contract, grant, or cooperative agreement with a State station as a separate work unit or project. The amounts included in column 7 by USDA are reported in Field 19 of Form AD-416. This field shows the expected scientist-years to be "purchases," usually over a multi-year period, with the funds reported as obligated.

In the National Summary for USDA, SAES, Forestry Schools, and Other Cooperating Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA Contracts, Grants, and Cooperative Agreements with the SAES, et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 6. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES, et al. and subtracting the USDA amounts in column 7.

TABLE III

Table III summarizes data supplied by USDA research agencies on Forms AD-416 and AD-417 and AD-418.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 141 of Form AD-418 and Field 95 of Form AD-416 in the case of Contracts, Grants, and Cooperative Agreements with SAES).

Columns 4, 5 and 6 "STAFF-I.H. SUPPORT YEARS" give the Federally employed (In-House) staff support for research in years of effort for these categories of support personnel, i.e. Professional, Technical and Other (Fields 142, 143 and 144 of Form AD-418). For ARS, entries in the column entitled "Other" represent a summation of Fields 142, 143 and 144.

Columns 7 - 17, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS" involve rounding each datum to the nearest \$1,000 and because of this the items in a column may not add exactly to the total shown. Please note that funds shown are Gross obligations.

Column 7, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 8, "C G CA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Experiment Stations (Field 19 of Form AD-416).

Column 9, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts and grants with research organizations other than those included in Column 8 (Field 19 of Form AD-416).

Columns 10 and 11, "SP FD 015" and "SP FD 010" include obligations for subprofessional help on research programs based on two special funds available to the Agricultural Research Service. (See Fields 104 and 105 of Form AD-418).

Column 12, "WHITT ACT" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 13, "OTHER USDA" includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (Reported in Field 107 of Form AD-418).

Column 14, "TOTAL USDA APPR" is a total of the amounts reported in columns 7, 8, 9, 10, 11, 12 and 13.

Column 15, "OTHER FED FUND" includes all funds from Federal sources other than USDA research appropriations, excepting funds transferred from the Agency for International Development (AID funds) and PL-480 funds (Fields 310-316), inclusive and Field 318 of Form AD-418.

Column 16, "NON-FED FUND" includes all funds made available to the Department of research by non-Federal agencies (Field 133 of Form AD-418).

Column 17, "TOTAL" is a summation of all funds reported in columns 14, 15 and 16.

TABLE IV

Table IV summarizes data supplied by the 55 State Agricultural Experiment Stations, 15 Forestry Schools, and 19 Other Cooperating Institutions on Forms AD-417 and AD-419.

Included in the summaries for the Northeast Region are the research programs of all SAES, Forestry Schools, and Other Cooperating Institutions in: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia.

Included in the summaries for the Southern Region are the research programs of all SAES, cooperating Forestry Schools, and other cooperating institutions in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virginia, and the Virgin Islands.

Included in the summaries for the North Central Region are the research programs of all SAES, cooperating Forestry Schools, and other cooperating institutions in: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES, cooperating Forestry Schools, and other cooperating institutions in: Alaska, Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Columns 1 and 2 are the same as those columns in Table II.

Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Columns 4, 5 and 6, "STAFF SUPPORT YEARS" give the non-Federally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical and Other (Fields 242, 243 and 244 of Form AD-419).

Columns 7 - 19, inclusive, "FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS" involve rounding each datum to the nearest \$1,000 and, because of this, items in a column may not add exactly to the total shown.

Column 7, "HATH" includes obligations of formula grant funds received by SAES from Federal appropriations made under provisions of the Hatch Act (Field 201 of Form AD-419).

Column 8, "RRF" includes obligations of regional research funds received by SAES from Hatch Act appropriations (Field 202 of Form AD-419).

Column 9, "MCIN STEN" includes obligations of funds received by SAES and Forestry Schools under provisions of the McIntire-Stennis Act (Field 203 of Form AD-419).

Column 10, "SP GT," includes obligations of funds received by SAES, Forestry Schools and Other Cooperating Institutions from the Federal appropriations made to CSRS for Special Grants (Field 204 of Form AD-419).

Column 11, "OTH CSRS" includes obligations of funds received by SAES, Forestry Schools, and Other Cooperating Institutions from any sources other than Hatch, RRF, McIntire-Stennis, or basic research grant appropriations (Field 205 of Form AD-419).

Column 12, "TOT CSRS" includes obligations of funds received by SAES et al. from Federal appropriations made to CSRS. It is a total of the amounts reported in columns 7, 8, 9, 10 and 11.

Column 13, "USDA CGCA" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with the research performing agencies of the USDA.

Column 14, "OTHER FED" includes obligations of funds received by SAES et al. from contracts, grants, and cooperative agreements with Federal agencies other than the USDA Field 332 minus Fields 219 and 308 of Form AD-419).

Column 15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

Column 16, "PROD SALES" includes obligations of funds received by SAES et al. from sales of products (Field 221 of Form AD-419).

Column 17, "INDUSTRY" includes obligations of funds received by SAES et al. from industry that were expended in support of research (Field 222 of Form AD-419).

Column 18, "OTHER" includes obligations of funds received by SAES, et al. from any other non-Federal sources (Field 223 of Form AD-419).

Column 19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17 and 18.

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U.S. DEPARTMENT OF AGRICULTURE
RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH RESUME
U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS
AND OTHER INSTITUTIONS

DATE (Day, Month, Year) _____ AMENDMENT

1. ACCESSION NO. _____ 2. AGENCY IDENTIFICATION NO. _____ 3. WORK UNIT/PROJECT NO. _____

4. STATUS
New Extended Revised Term-
made Pend-
ing F

7. TITLE _____

8. PERFORMING ORGANIZATION _____ 13. RESPONSIBLE ORGANIZATION _____

CITY _____ STATE/COUNTRY _____ ZIP CODE _____ CONG. DISTRICT _____ CITY _____ 14. STATE _____ ZIP CODE _____

12. INVESTIGATOR NAME(S) (Last name & initials) _____ 15. RESPONSIBLE INDIVIDUAL (Last name & initials) _____
1. _____ 4. _____
2. _____ 5. _____
3. _____ 6. _____

16. RESEARCH LOCATION ON CAMPUS?
A Yes No

PROJECT TYPE

17.1. FOR USDA USE
A Contract Grant
C Coop. in-
house

17.2. FOR USDA USE
Contr./Gr./
Agmt. with
SAES Other
A B

18.1. FOR STATE USE
1890/T SP GR RD V CRSD Ind
T G R C H
Hatch M-S State Animal Health
A B C D

18.2. FOR STATE USE
AR ESCS FS
A B C

18.1. FACE AMOUNT _____ 18.2. TOTAL SYL. _____ 18.3. F Y _____

21. FACILITIES
A Federally-owned Federally-leased Combined State Other

22-23. REGIONAL PROJECT NO. _____

24. OBJECTIVES 25. APPROACH (Use space needed for "24.OBJECTIVES", then indicate "25. APPROACH")

27. KEYWORDS _____

RECOMMENDED			APPROVED			CONCURRED		
SIGNATURE	TITLE	DATE	SIGNATURE	TITLE	DATE	SIGNATURE	TITLE	DATE

28. AWARD DATE (Day, Mo., Yr.) _____ 29. START DATE (Day, Mo., Yr.) _____ 30. TERMINATION (Day, Mo., Yr.) _____ DURATION (Months) _____

FOR USDA USE
 Project referred and cleared by all interested agencies for entry into CRIS.

SIGNATURE _____ DATE _____

FORM AD-416 (6/79)

U.S. DEPARTMENT OF AGRICULTURE
RESEARCH WORK UNIT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH
U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION
AND OTHER INSTITUTIONS

DATE (Day, Month, Year) _____

1. ACCESSION NO. _____ 2. AGENCY IDENTIFICATION NO. _____ 3. WORK UNIT/PROJECT NO. _____ 31. HATCH MARKETING
 Yes No %

32. BASIC RESEARCH _____ 33. APPLIED RESEARCH _____ 34. DEVELOPMENT EFFORT _____ 35. FORESTRY _____ %

CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA

ACTIVITY		COMMODITY		SCIENCE		RESEARCH PROBLEM AREA		PRODUCT OF (2) X (4) X (6)	
CODE (1)	% (2)	CODE (3)	% (4)	CODE (5)	% (6)	CODE (7)	% (8)	CODE (9)	% (10)
36.									
37.									
38.									
39.									
40.									
41.									
42.									
43.									
44.									
45.									
46.									
47.									

SPECIAL CLASSIFICATION

Fields 48-77 are used to identify special areas of research such as: Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Activities (SEA/AR) and Special Research Programs (SEA/AR). Refer to your agency manual for specific codes and instructions.

CODE	%	CODE	%	CODE	%	CODE	%	CODE	%
48.		54.		50.		56.		72.	
49.		55.		51.		57.		73.	
50.		56.		52.		58.		74.	
51.		57.		53.		59.		75.	
52.		58.		54.		60.		76.	
53.		59.		55.		61.		77.	

79. COOPERATORS
A USDA Other Federal Agencies Industry and other State

80. COOPERATING DEPARTMENTS WITHIN STATE PERFORMING INSTITUTION

81. _____
82. _____

83. REPORTING DEPARTMENT WITHIN STATE PERFORMING INSTITUTION

AD FORM 417
JUN 1979

1111

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER					DATE (Day, mo., yr.)
U.S. DEPARTMENT OF AGRICULTURE USE ONLY					
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3.	4.	5. WORK UNIT/PROJECT NO.	22-23 REGIONAL PROJECT NO.
7. TITLE					
ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION					
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS					FIELD NUMBER
Regular, In House					(101)
Regular, Contracts, Grants, Agreements with AES					(102)
Regular, Contracts, Grants, Agreements with Others					(103)
Special Funds (015) (ARS) In House					(104)
Special Funds (010) (ARS) In House					(105)
Forest Service Research Contracts					(106)
Other USDA (Identify)					(107)
TOTAL					(131)
OTHER FEDERAL RESEARCH FUNDS					FIELD NUMBER
Energy Research and Development Administration					(310)
Agency for International Development					(308)
Department of Defense					(311)
National Institutes of Health					(316)
Public Health Service					(312)
Health Education and Welfare (Other)					(313)
National Aeronautics and Space Administration					(314)
Tennessee Valley Authority					(315)
Foreign Agricultural Research (PL 480)					(117)
Other Federal Funds (Identify)					(318)
TOTAL					(332)
NON-FEDERAL RESEARCH FUNDS					FIELD NUMBER
Trust Funds, In House					(201)
Trust Funds, Contracts, Grants, Agreements with AES					(221)
Trust Funds, Contracts, Grants, Agreements with Others					(222)
Other Non-Federal Funds (Identify)					(223)
TOTAL					(133)
TOTAL ALL RESEARCH FUNDS AT LOCATION					(134)
STAFF SUPPORT					STAFF EFFORT (years)
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)					ACTUAL ESTIMATE
Scientists (GS-11 and above)					(141)
Professional Support					(142)
Technical Support					(143)
Clerical, Labor and Other					(144)
TOTAL STAFF YEARS					(350)
SUBMITTED BY			TITLE		

UNITED STATES DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND STAFF SUPPORT FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE					DATE (Day, mo., year)
1. ACCESSION NO.	2. AGENCY IDENTIFICATION NO.	3.	4.	5. WORK UNIT/PROJECT NO.	22-23 REGIONAL PROJECT NO.
7. TITLE					
ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION (Round to nearest whole dollar)					FIELD NUMBER
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED					FY ACTUAL \$
Hatch Funds					(201)
Regional Research Funds					(202)
McIntire Stennis Funds					(203)
Grants for Research (PL89-106)					(204)
<input type="checkbox"/> Special Grants					(204)
<input type="checkbox"/> Competitive Grants					(204)
Other Funds					(205)
<input type="checkbox"/> Animal Health Sec. 1433					(205)
<input type="checkbox"/> 1890/Tuskegee Sec. 1445					(205)
<input type="checkbox"/> Native Latex PL95-592					(205)
<input type="checkbox"/> Alcohol Fuels Sec. 1419					(205)
<input type="checkbox"/> Rural Development Title V					(205)
<input type="checkbox"/> Other (Identify)					(205)
TOTAL					(231)
OTHER FEDERAL RESEARCH FUNDS					FIELD NUMBER
USDA Contracts Grants Co-op Agreements (Identify Agency)					(219)
National Science Foundation					(309)
Department of Energy					(310)
Agency for International Development					(308)
Department of Defense					(311)
National Institutes of Health					(316)
Public Health Service					(312)
Health and Human Services					(313)
National Aeronautics and Space Administration					(314)
Tennessee Valley Authority					(315)
Other Federal Funds (Identify): \$					(318)
CSRS Administered "Pass Through" Funds					FIELD NUMBER
AID Nitrogen Fixation					(318)
EPA Strip Mine Reclamation					(318)
Department of Energy					(318)
Forest Service					(318)
Other (Identify)					(318)
TOTAL					(332)
NON-FEDERAL RESEARCH FUNDS					FIELD NUMBER
State Appropriations					(220)
Sale of Products					(221)
Industry Grants and Agreements					(222)
Other Non-Federal Funds					(223)
TOTAL					(233)
TOTAL ALL RESEARCH FUNDS AT LOCATION					(234)
STAFF SUPPORT					STAFF EFFORT - ACTUAL (years)
NON-FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)					(241)
Scientists (Assistant Professor and above)					(241)
Professional Support					(242)
Technical Support					(243)
Clerical, Labor, and Other					(244)
TOTAL STAFF YEARS					(350)
SUBMITTED BY (Signature)			TITLE		

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

Commodity, Resource or Technology not
Associated with Specific Commodities

Commodities or Resources

0100	Soil and land
0200	Water
0300	Watersheds and river basins
0400	Air and climate
0500	Recreation resources
0600	Trees, forests, and forest products (excluding edible tree nut crops (See 1015), and tung (See 2560))
0700	Range
0800	Fish, shellfish, game and fur-bearing animals and other wildlife and their habitats
0900	Citrus and subtropical fruit
1000	Deciduous and small fruits and edible tree nuts
1100	Potatoes
1200	Vegetables
1300	Ornamentals and turf
1400	Corn (includes Popcorn) - (For Sweetcorn see 1280)
1500	Grain sorghum
1600	Rice
1700	Wheat
1800	Other small grains
1900	Pasture
2000	Forage crops
2100	Cotton (including cottonseed for planting purposes)
2200	Cottonseed (for meal, oil, etc.)
2300	Soybeans
2400	Peanuts
2500	Other oilseed and oil crops (excluding cottonseed)
2600	Tobacco
2700	Sugar crops
2800	Miscellaneous and new crops
2900	Poultry
3000	Beef cattle
3100	Dairy cattle
3200	Swine
3300	Sheep and wool
3400	Other animals (See 0850 for fur-bearing animals)
3500	Bees and honey and other pollinating insects
3600	General purpose supplies - includes: machinery, equipment, fertilizers, feedstuffs, and pesticides
3700	Clothing and textiles
3800	Food (not readily associated with specific plants and animal products)
3900	Structures and facilities

Commodities or Resources

- 4000 People as individual workers, consumers and members of society
- 4100 The family and its members
- 4200 The farm as a business enterprise
- 4300 Communities, areas and regions, including counties and States and their institutions
- 4400 Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
- 4500 Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
- 4600 Farmer cooperatives
- 4700 Marketing, processing and supply firms other than cooperatives
- 4800 Marketing systems and sectors thereof
- 6100 Weeds
- 6200 Seed research
- 6300 Biological cell systems
- 6400 Experimental design and statistical methods
- 6500 Invertebrates (including insects, mites, ticks, snails, slugs, and leaches)
- 6600 Microorganisms, viruses, etc.
- 6700 Plants
- 6800 Animals (vertebrates)
- 6900 Research on research management (not research management per se)
- 7000 Research equipment and technology (such as remote sensing)

RESEARCH PROBLEM AREAS (RPA's)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE
FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

- 101 Appraisal of Soil Resources
- 102 Soil, Plant, Water, Nutrient Relationships
- 103 Management of Saline and Sodic Soils and Salinity
- 104 Alternative Uses of Land
- 105 Conservation and Efficient Use of Water

- 106 Efficient Drainage and Irrigation Systems and Facilities
- 107 Watershed Protection and Management
- 108 Economic and Legal Problems in Management of Water and
Watersheds
- 109 Adaptation to Weather and Weather Modification
- 110 Appraisal of Forest and Range Resources

- 111 Biology, Culture and Management of Forests and Timber-
Related Crops
- 112 Improvement of Range Resources
- 113 Remote Sensing
- 114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS,
DISEASES AND OTHER HAZARDS

- 201 Control of Insects Affecting Forests
- 202 Control of Diseases, Parasites and Nematodes Affecting
Forests
- 203 Prevention and Control of Forest and Range Fires
- 204 Control of Insects, Mites, Slugs, and Snails on Fruit
and Vegetable Crops
- 205 Control of Diseases and Nematodes of Fruit and Vegetable
Crops

- 206 Control of Weeds and Other Hazards to Fruit and Vegetable
Crops
- 207 Control of Insects, Mites, Snails, and Slugs Affecting
Field Crops and Range
- 208 Control of Diseases and Nematodes of Field Crops and Range
- 209 Control of Weeds and Other Hazards of Field Crops and Range
- 210 Control of Insects and External Parasites Affecting Live-
stock, Poultry, and Other Animals

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS,
DISEASES AND OTHER HAZARDS (Continued)

- 211 Control of Diseases of Livestock, Poultry and Other Animals
- 212 Control of Internal Parasites of Livestock, Poultry, and
Other Animals
- 213 Protect Livestock, Poultry and Other Animals from Toxic
Chemicals, Poisonous Plants, and Other Hazards
- 214 Protection of Plants, Animals, and Man from Harmful Effects
of Pollution

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST
PRODUCTS AT DECREASING REAL PRODUCTION COSTS

- 301 Genetics and Breeding of Forest Trees
- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Vegetable
Crops
- 305 Mechanization of Fruit and Vegetable Crop Production

- 306 Production of Fruit and Vegetable Crop Production
- 307 Improvement of Biological Efficiency of Field Crops
- 308 Mechanization of Production of Field Crops
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and Other
Animals

- 311 Improvement of Biological Efficiency in Production of
Livestock, Poultry and Other Animals
- 312 Environmental Stress in Production of Livestock, Poultry
and Other Animals
- 313 Production Management Systems for Livestock, Poultry and
Other Animals
- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Purpose
Farm Supplies and Equipment

- 316 Farm Business Management
- 317 Mechanization and Structures Used in Production of
Livestock, Poultry and Other Animals
- 318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY
DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES
AND ENHANCING PRODUCT QUALITY

- 401 New and Improved Forest Products
- 402 Production of Fruit and Vegetable Crops with Improved Acceptability
- 403 New and Improved Fruit and Vegetable Products and Byproducts
- 404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
- 405 Production of Field Crops with Improved Acceptability

- 406 New and Improved Food Products from Field Crops
- 407 New and Improved Feed, Textile, and Industrial Products from Field Crops
- 408 Quality Maintenance in Storing and Marketing Field Crops
- 409 Production of Animal Products with Improved Acceptability
- 410 New and Improved Meat, Milk, Eggs, and Other Animal Food Products

- 411 New and Improved Non-Food Animal Products
- 412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

- 501 Improvement of Grades and Standard - Crop and Animal Products
- 502 Development of Markets and Efficient Marketing of Timber and Related Products
- 503 Efficiency in Marketing Agricultural Products and Production Inputs *

- 506 Supply, Demand and Price Analysis - Crop and Animal Products
- 507 Competitive Interrelationships in Agriculture
- 508 Development of Domestic Markets for Farm Products
- 509 Performance of Marketing Systems
- 510 Group Action and Market Power

- 511 Improvement in Agricultural Statistics
- 512 Improvement of Grades and Standard of Forest Products
- 513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

- 601 Foreign Market Development
- 602 Evaluation of Foreign Food Aid Programs
- 603 Technical Assistance to Developing Countries
- 604 Product Development and Marketing for Foreign Markets

* This RPA incorporates research formerly included under RPAs 503, 504 and 505.

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND
WELL-BEING OF THE AMERICAN PEOPLE

- 701 Insure Food Products Free of Toxic Residues from Agricultural Sources
- 702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
- 703 Food Choices, Habits, and Consumption
- 704 Home and Commercial Food Service
- 705 Selection and Care of Clothing and Household Textiles

- 706 Control of Insect Pests of Man and His Belongings
- 707 Prevent Transmission of Animal Diseases and Parasites to Man
- 708 Human Nutrition
- 709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

- 801 Housing
- 802 Individual and Family Decision Making and Resource Use and Family Functioning
- 803 Causes of Poverty Among Rural People
- 804 Improvement of Economic Potential of Rural People
- 805 Communication and Education Processes

- 806 Individual and Family Adjustment to Change
- 807 Structural Changes in Agriculture
- 808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF
BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY,
AND PUBLIC SERVICES

- 901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
- 902 Outdoor Recreation
- 903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
- 904 Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife
- 905 Trees to Enhance Rural and Urban Environment

- 906 Culture and Protection of Ornamentals and Turf
- 907 Improved Income Opportunities in Rural Communities
- 908 Improvement of Rural Community Institutions and Services

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NAT TOT USDA-SARS-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SES 1980	WITH SARS AMOUNT 1980
0100 SOIL AND LAND	1479	514.3	25,090,462	59,174,193	*	*
0200 WATER	1000	340.6	22,128,250	39,102,586	*	*
0300 WATERSHEDS RIVER BAS	253	176.9	16,720,960	21,741,575	*	*
0400 AIR AND CLIMATE	172	54.7	2,496,044	6,547,464	*	*
0500 RECREATION RESOURCES	192	86.2	5,064,203	9,627,286	*	*
0600 TIMBER FORST PRODUCT	1666	1256.7	91,328,630	142,040,466	*	*
0700 RANGE	391	162.6	11,146,525	19,049,035	*	*
0800 WILDLIFE AND FISH	754	259.7	10,579,155	33,406,337	*	*
0900 CITRUS SUB TROP FRUIT	399	204.4	10,908,407	22,859,666	*	*
1000 FRUIT NUTS DECIDUCUS	1204	466.5	19,900,296	51,899,157	*	*
1100 POTATOES	353	117.2	5,746,397	13,256,615	*	*
1200 VEGETABLES	1649	550.8	24,262,383	60,172,381	*	*
1300 ORNAMENTALS TURF	680	256.8	8,280,530	26,597,485	*	*
1400 CORN	1121	313.8	16,715,802	36,030,419	*	*
1500 GRAIN SORGHUM	403	89.6	3,240,011	9,271,339	*	*
1600 RICE	175	65.6	2,753,180	6,819,127	*	*
1700 WHEAT	855	256.4	13,343,090	27,746,742	*	*
1800 OTHER SMALL GRAINS	519	117.2	5,877,722	13,378,544	*	*
1900 PASTURE	199	42.1	1,843,895	5,054,843	*	*
2000 FORAGE CROPS	1126	366.7	18,714,190	42,435,577	*	*
2100 COTTON	596	330.4	24,974,237	37,520,345	*	*
2200 COTTONSEED	60	25.0	2,148,734	2,448,860	*	*
2300 SOYBEANS	1099	364.1	20,390,665	41,518,515	*	*
2400 PEANUTS	229	80.4	4,433,076	8,669,925	*	*
2500 OTHER OILSEED CROPS	167	48.8	2,165,025	5,076,763	*	*
2600 TOBACCO	216	100.2	5,649,368	11,412,618	*	*
2700 SUGAR CROPS	273	104.3	8,879,870	13,134,273	*	*
2800 MISC NEW CROPS	200	63.0	4,456,883	6,815,803	*	*
2900 POULTRY	881	342.9	20,057,707	42,776,200	*	*
3000 BEEF CATTLE	1676	621.2	42,748,122	102,071,577	*	*
3100 DAIRY CATTLE	1366	416.3	30,241,341	69,008,142	*	*
3200 SWINE	791	256.4	21,307,675	42,732,909	*	*
3300 SHEEP AND WOOL	460	129.1	11,098,527	19,099,456	*	*
3400 OTHER ANIMALS	468	114.1	5,651,667	14,271,035	*	*
3500 BEES AND HONEY	93	48.7	3,221,503	4,376,369	*	*
3600 FARM SUPP & FACILITS	118	33.6	1,201,396	4,070,781	*	*
3700 CLOTHING & TEXTILES	76	22.9	731,657	1,762,703	*	*
3800 FOOD	621	260.7	23,073,940	37,067,370	*	*
3900 HOUSING & EQUIP	265	88.5	4,550,395	9,404,077	*	*
4000 PEOPLE AS INDIVIDUAL	825	291.0	16,744,893	31,066,420	*	*
4100 FAMILY MEMBERS	304	100.7	7,060,054	11,386,729	*	*
4200 FARM AS BUSINESS	217	74.0	2,174,324	5,846,258	*	*
4300 SOC POLIT ORGANIZ	462	141.6	5,459,978	12,544,415	*	*
4400 AGRIC ECONOMY U S	146	129.9	9,419,654	11,801,405	*	*
4500 AGRIC ECONOMY FORGN	127	123.0	8,281,201	8,992,513	*	*
4600 FARM COOPERATIVES	64	15.8	816,993	1,160,943	*	*
4700 OTH MARKET PROCESS	41	7.4	169,364	671,095	*	*
4800 MARKETING SYSTEMS	105	35.5	2,529,397	4,411,055	*	*
6100 WEEDS	110	33.2	2,897,379	4,080,261	*	*
6200 SEED RESEARCH	54	23.8	1,711,984	2,908,386	*	*
6300 BIO CELL SYSTEMS	287	96.1	4,774,527	14,837,965	*	*
6400 EXP DESIGN/STAT METH	79	40.8	1,361,365	4,264,707	*	*
6500 INVERTEBRATES	357	212.1	12,765,902	22,060,960	*	*
6600 MICROORGANISMS, VIRUS	361	116.2	7,286,251	17,526,314	*	*
6700 PLANTS	1107	442.5	31,082,013	55,767,029	*	*
6800 ANIMALS (VERTEBRATES)	507	179.8	6,683,424	22,850,279	*	*
6900 RESEARCH ON RSCH MGH	35	12.6	326,845	1,594,968	*	*
7000 RSCH EQUIP & TECHNOL	125	66.7	6,495,855	8,891,054	*	*
9900 UNCLASSIFIED	70	19.5	2,735,530	5,100,658	*	*
TOTAL	29628	11311.6	683,898,853	1,367,211,972	*	*

TABLE I: SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NAT TOT USDA-SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/CT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	228	78.0	1,134,272	8,674,862	*	*
102 SOIL PLNT WTR NUTRI	784	262.8	13,813,902	30,694,472	*	*
103 MGMT OF SALINE SOIL	73	30.0	1,999,607	3,363,271	*	*
104 ALTERN USE OF LAND	206	74.0	2,722,389	7,067,575	*	*
105 CONSERV USE OF WATE	405	145.3	10,025,183	16,023,105	*	*
106 DRAIN AND IRRIGATIO	194	68.7	5,692,406	8,225,000	*	*
107 WATERSHED PROT & MG	323	225.4	20,682,874	27,464,956	*	*
108 ECON LEG PROB OF WA	45	25.7	1,207,848	2,472,636	*	*
109 WEATHER ADAPT & MOD	161	46.7	1,962,012	5,500,161	*	*
110 APPRAIS FORST & RAN	168	99.3	12,033,279	15,779,884	*	*
111 BIOL CULT MGMT FCBS	524	340.7	21,055,603	35,139,489	*	*
112 IMPROV RANGE RESCR	245	93.6	5,793,500	10,929,300	*	*
113 REMOTE SENSING	65	46.9	6,364,592	7,876,892	*	*
114 RSCH ON MGMT OF ESC	33	12.4	326,845	1,405,143	*	*
SUBTOTAL	3454	1549.4	104,814,311	180,616,745	*	*
SERIES 200						
201 CNTRL FORST INSECTS	257	158.1	12,489,821	18,333,799	*	*
202 CONTROL FOREST DIS	182	98.1	9,097,203	12,391,097	*	*
203 FOREST FIRE PROTECT	30	71.3	7,015,264	8,021,673	*	*
204 CNTR PESTS FRT & VE	558	204.7	12,061,933	24,002,331	*	*
205 CNTR DISE FRT & VEG	876	276.9	12,918,132	31,613,563	*	*
206 CNTR WEEDS FRT & VEG	234	58.2	2,683,803	6,784,831	*	*
207 CNTR PESTS FLD CROP	788	322.4	21,442,172	37,241,032	*	*
208 CNTR DIS FIELD CROP	976	352.1	19,827,335	37,914,380	*	*
209 CNTR WEEDS FLD CROP	472	151.6	9,129,341	18,790,515	*	*
210 CNTR PESTS ANIMALS	185	87.1	7,299,099	9,393,514	*	*
211 CNTR DIS ANIMALS	1033	424.1	42,502,672	66,794,658	*	*
212 CNTR INTER PARASITE	149	69.9	6,259,885	9,177,510	*	*
213 PROT ANMLS FROM TOX	160	55.5	4,363,398	6,632,211	*	*
214 PROTECT FROM POLLUT	281	71.2	3,985,299	10,116,519	*	*
SUBTOTAL	6181	2401.4	171,475,358	297,207,633	*	*
SERIES 300						
301 GENET BREED FORST T	144	81.7	5,050,040	9,505,377	*	*
302 IMP FOREST ENG SYS	43	34.9	2,307,335	3,612,210	*	*
303 ECON TIMBER PRODUCT	59	31.7	1,077,200	2,950,701	*	*
304 IMP BIO EFF FRT & V	1143	391.3	13,625,612	46,507,480	*	*
305 MECH PROD FRT & VEG	166	46.0	2,032,868	5,127,989	*	*
306 PROD MGMT SYS F & V	101	22.7	359,134	2,260,258	*	*
307 IMP BIO EFF FLD CRP	1929	807.4	32,293,050	100,541,398	*	*
308 MECH PROD FIELD CRO	170	67.8	5,119,429	8,287,684	*	*
309 PROD MGMT SYS FLD C	303	75.0	2,602,118	9,286,764	*	*
310 ANIMAL REPRODUCTION	549	216.6	12,414,740	34,690,443	*	*
311 IMP BIO EFF ANML PR	1415	543.9	29,090,729	105,871,518	*	*
312 ENV STRESS IN ANML	219	59.7	2,687,592	9,146,967	*	*
313 PROD MGMT SYS ANML	311	75.2	2,941,002	11,940,316	*	*
314 BEES OTH POLLNTNG I	93	48.7	3,221,503	4,376,369	*	*
315 IMP STRUC FARM SUPP	155	45.0	1,956,807	5,642,985	*	*
316 FARM BUSINESS MGMT	153	53.0	1,304,349	4,145,176	*	*
317 MECH/STRUCTS ANML P	93	25.6	1,582,018	3,118,302	*	*
318 NON-COM BIO TECH/BI	1421	678.5	39,969,186	85,356,996	*	*
SUBTOTAL	8467	3304.7	159,634,714	452,368,933	*	*
SERIES 400						
401 NEW IMP FOREST PROD	208	215.2	15,046,311	24,539,341	*	*
402 PROD F & V IMP ACCE	310	74.5	2,666,434	8,502,186	*	*
403 NEW & IMP FEV PRCD	239	116.2	6,149,869	10,617,602	*	*
404 MKT QUAL FRTS & VEG	258	107.1	7,090,148	11,733,620	*	*
405 PROD FLD CROP INF A	393	144.9	9,346,891	15,910,884	*	*
406 NEW IMP FOOD FLD CR	197	132.4	9,795,991	13,415,743	*	*
407 NEW IMP NON-FOOD PC	144	111.4	9,476,036	10,338,806	*	*
408 MKT QUAL FIELD CROP	167	63.0	4,545,334	6,256,737	*	*
409 PROD ANML PR IMP AC	170	52.7	2,824,240	7,406,031	*	*
410 IMP MEAT MLK EGG P	286	114.4	5,355,006	13,274,008	*	*
411 IMP NON-FOOD ANML P	38	34.9	3,384,851	3,530,684	*	*
412 MKT QUAL ANIMAL PRO	134	34.9	1,532,681	3,698,944	*	*
SUBTOTAL	2544	1201.5	77,213,792	129,224,586	*	*
SERIES 500						
501 IMP GRADES & STANDS	89	41.2	2,856,587	4,334,897	*	*
502 MKTG TIMBER PRODUCT	38	35.8	2,666,301	3,195,120	*	*
503 MKTG EFF AGRI PRODS	255	79.4	3,884,959	6,819,753	*	*
506 SPLY DEMAND AND PRI	192	109.7	5,353,874	8,128,632	*	*
507 COMP REL IN AGRIC	68	13.9	417,028	1,028,787	*	*
508 DOMESTIC MKT DEVELP	46	13.6	193,606	909,559	*	*
509 PERFORMANCE MKTG SY	155	59.9	3,419,181	6,102,769	*	*
510 GROUP ACT MKT POWER	58	11.1	619,607	935,735	*	*
511 IMP AGRIC STATISTIC	41	29.9	1,938,403	3,280,610	*	*
512 IMP GRADES FRST PRO	19	13.3	792,918	1,140,117	*	*
513 PRICE ANAL FRST PRO	28	12.4	667,717	1,111,495	*	*
SUBTOTAL	989	420.3	22,810,181	36,987,474	*	*
SERIES 600						
601 PGN MKT DEVELP	147	127.0	8,549,517	9,439,658	*	*
602 EVAL PGN FOOD AID P	5	3.4	214,372	287,049	*	*
603 TECH AID DEV CRTY	85	42.1	1,327,757	3,187,602	*	*
604 PRD DVLPMT/MKTG FRG	28	22.3	2,274,680	2,329,577	*	*
SUBTOTAL	265	194.8	12,366,326	15,243,887	*	*
SERIES 700						
701 TOX RES IN FOOD	295	103.5	7,702,865	13,271,033	*	*
702 FOOD PROT FROM TOX	301	152.1	10,848,467	16,809,470	*	*
703 FOOD CONSUMP HABITS	178	70.6	7,878,016	9,882,293	*	*
704 HOME COMM FOOD SERV	47	12.7	542,075	1,300,319	*	*
705 SEL CARE CLOTH & TE	68	20.5	644,872	1,578,779	*	*
706 CONTR INSECTS AFF M	155	68.0	4,014,705	7,077,274	*	*
707 TRANS ANML MAN DI	27	9.8	175,427	1,201,529	*	*
708 HUMAN NUTRITION	508	228.0	25,403,647	35,125,247	*	*
709 REDUCE HAZ HLTH & S	131	81.7	7,304,512	8,107,528	*	*
SUBTOTAL	1710	746.9	64,514,587	94,353,472	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NAT TOT USDA-SAES-FORRESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	BEG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GE/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	71	35.6	1,497,533	2,557,573	*	*
802 INDIV & FAM DEC MAK	204	59.3	1,736,347	5,042,467	*	*
803 RURAL POVERTY	48	12.4	979,452	1,320,486	*	*
804 ECON POTENT RURL PE	113	50.1	2,087,066	3,570,814	*	*
805 COMMUNICAT RURL PE	146	41.8	1,026,267	4,632,527	*	*
806 ADJUSTMENT TO CHANG	185	63.3	2,276,761	4,680,616	*	*
807 AGRIC ECONOMIC CHAN	159	93.8	6,749,173	9,426,584	*	*
808 GOV'T PROGRAMS	63	44.6	3,054,939	3,648,719	*	*
SUBTOTAL	989	400.7	19,407,538	34,879,784	*	*
SERIES 900						
901 ALLEV POLLUTION	748	312.2	17,092,197	37,369,964	*	*
902 OUTDOOR RECREATION	175	77.1	3,392,690	7,167,035	*	*
903 MULTI-USE-FOREST PO	105	48.9	3,752,874	6,242,118	*	*
904 WLDLFE AND FISH ECO	640	219.9	9,075,762	28,764,721	*	*
905 TREES BEAUTIFICATIO	132	44.5	3,262,031	5,715,343	*	*
906 ORNAMENT & TURF DEV	652	249.1	7,691,508	25,283,363	*	*
907 RURAL INCOME IMP	173	45.2	1,822,814	3,693,045	*	*
908 RURAL INSTITUT INP	264	75.4	2,836,640	6,993,209	*	*
990 UNCLASSIFIED	70	19.5	2,735,530	5,100,658	*	*
SUBTOTAL	2959	1091.8	51,662,046	126,329,456	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL	27558	11311.6	683,898,853	1,367,211,972	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1401	489.6	24,200,975	56,773,934	*	*
0200 WATER	974	324.7	21,725,782	38,080,073	*	*
0300 WATERSHEDS RIVER BAS	229	169.9	16,586,641	21,164,424	*	*
0400 AIR AND CLIMATE	169	53.1	2,444,474	6,366,475	*	*
0500 RECREATION RESOURCES	154	76.4	4,921,746	8,795,505	*	*
0600 TIMBER FORST PRODUCT	1199	1080.6	89,557,616	125,846,162	*	*
0700 RANGE	374	158.8	11,074,130	18,625,127	*	*
0800 WILDLIFE AND FISH	646	233.9	9,831,856	30,343,404	*	*
0900 CITRUS SUB TROP FRUT	398	204.4	10,908,407	22,859,642	*	*
1000 FRUIT NUTS DECIDUCUS	1195	464.0	19,623,040	51,541,175	*	*
1100 POTATOES	353	117.2	5,746,397	13,256,615	*	*
1200 VEGETABLES	1608	536.6	22,469,650	58,055,196	*	*
1300 ORNAMENTALS TURF	673	256.5	8,276,497	26,545,720	*	*
1400 CORN	1117	313.4	16,715,802	35,972,775	*	*
1500 GRAIN SORGHUM	400	89.4	3,231,376	9,252,514	*	*
1600 RICE	174	65.6	2,753,180	6,815,062	*	*
1700 WHEAT	851	255.7	13,338,341	27,715,234	*	*
1800 OTHER SMALL GRAINS	505	114.6	5,555,421	12,847,761	*	*
1900 PASTURE	197	41.6	1,681,620	4,873,141	*	*
2000 FORAGE CROPS	1111	361.4	18,375,293	41,985,936	*	*
2100 COTTON	588	322.8	24,738,480	37,152,964	*	*
2200 COTTONSEED	60	25.0	2,148,734	2,448,860	*	*
2300 SOYBEANS	1056	345.3	19,021,638	39,449,787	*	*
2400 PEANUTS	225	77.3	4,350,485	8,546,727	*	*
2500 OTHER OILSEED CROES	165	48.8	2,162,884	5,074,602	*	*
2600 TOBACCO	214	99.1	5,613,652	11,290,979	*	*
2700 SUGAR CROPS	273	104.3	8,879,870	13,134,273	*	*
2800 MISC NEW CROPS	199	63.0	4,456,883	6,814,609	*	*
2900 POULTRY	858	335.4	19,465,936	41,936,127	*	*
3000 BEEF CATTLE	1651	613.6	41,680,291	100,601,245	*	*
3100 DAIRY CATTLE	1346	412.8	30,022,033	68,129,698	*	*
3200 SWINE	764	244.2	20,086,434	41,195,428	*	*
3300 SHEEP AND WOOL	450	124.8	10,719,752	18,519,462	*	*
3400 OTHER ANIMALS	451	103.2	4,381,274	12,827,714	*	*
3500 BEES AND HONEY	93	48.7	3,221,503	4,376,369	*	*
3600 FARM SUPP & FACILITS	111	31.6	1,180,159	3,911,442	*	*
3700 CLOTHING & TEXTILES	69	20.8	645,011	1,602,299	*	*
3800 FOOD	585	249.1	22,309,854	35,880,107	*	*
3900 HOUSING & EQUIP	255	76.4	4,508,310	9,140,417	*	*
4000 PEOPLE AS INDIVIDUAL	728	261.8	15,124,765	27,730,605	*	*
4100 FAMILY MEMBERS	254	86.9	6,015,181	9,880,832	*	*
4200 FARM AS BUSINESS	207	70.2	1,914,652	5,527,851	*	*
4300 SOC POLIT ORGANIZ	433	133.2	4,604,279	11,612,645	*	*
4400 AGRIC ECONOMY U S	143	129.6	9,406,049	11,753,758	*	*
4500 AGRIC ECONOMY FORGN	126	123.0	8,281,201	8,992,388	*	*
4600 FARM COOPERATIVES	62	15.2	787,259	1,128,287	*	*
4700 OTH MARKET PROCESS	41	7.4	169,364	671,095	*	*
4800 MARKETING SYSTEMS	103	34.8	2,529,397	4,361,147	*	*
6100 WEEDS	108	32.7	2,897,379	4,058,449	*	*
6200 SEED RESEARCH	54	23.8	1,711,984	2,908,386	*	*
6300 BIO CELL SYSTEMS	282	91.7	4,774,527	14,615,751	*	*
6400 EXP DESIGN/STAT METH	76	40.2	1,319,280	4,189,784	*	*
6500 INVERTEBRATES	352	211.0	12,695,068	21,929,812	*	*
6600 MICROORGANISMS, VIRUS	354	114.2	7,271,449	17,383,581	*	*
6700 PLANTS	1088	438.3	31,056,345	55,443,479	*	*
6800 ANIMALS (VERTEBRATES)	500	177.9	6,664,225	22,695,886	*	*
6900 RESEARCH ON RSCH MGM	34	12.6	326,845	1,279,367	*	*
7000 RSCH EQUIP & TECHNOL	114	60.4	6,481,880	8,260,750	*	*
9900 UNCLASSIFIED	60	18.1	2,416,624	4,738,102	*	*
TOTAL	28260	10836.2	665,055,178	1,318,910,941	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	214	72.8	1,068,190	8,222,497	*	*
102 SOIL PLNT WTR NUTRI	734	246.5	13,225,641	29,371,954	*	*
103 MGMT OF SALINE SCIL	72	30.0	1,999,607	3,363,233	*	*
104 ALTERN USE OF LAND	192	71.8	2,710,781	6,834,311	*	*
105 CONSERV USE OF WATE	398	140.8	9,976,051	15,705,609	*	*
106 DRAIN AND IRRIGATIO	194	68.7	5,692,406	8,225,000	*	*
107 WATERSHED PROT & MG	293	215.7	20,594,642	26,558,846	*	*
108 ECON LEG PROB OF WA	45	25.7	1,207,848	2,472,636	*	*
109 WEATHER ADAPT & MOD	153	43.6	1,932,002	5,273,609	*	*
110 APPRAIS FORST & RAN	127	94.2	11,899,401	15,257,989	*	*
111 BIOL CULT HGHT FCRS	332	287.0	20,355,084	29,742,856	*	*
112 IMPROV RANGE RESCR	233	90.2	5,748,705	10,582,131	*	*
113 REMOTE SENSING	52	44.9	6,288,261	7,646,111	*	*
114 RSCH ON HGHT OF ESC	32	12.4	326,845	1,089,542	*	*
SUBTOTAL	3071	1444.2	103,025,465	170,346,325	*	*
SERIES 200						
201 CNTRL FORST INSECTS	205	144.0	12,382,180	16,993,754	*	*
202 CONTROL FOREST DIS	141	90.2	8,944,520	11,713,016	*	*
203 FOREST FIRE PROTECT	26	70.9	7,015,264	7,975,572	*	*
204 CNTR PESTS FRT & VE	554	204.4	12,031,180	23,969,408	*	*
205 CNTR DISE FRT & VEG	866	275.5	12,799,707	31,423,169	*	*
206 CNTR WEEDS FRT & VE	226	57.5	2,673,460	6,729,965	*	*
207 CNTR PESTS FLD CROP	776	319.3	21,309,753	36,977,496	*	*
208 CNTR DIS FIELD CROP	963	344.3	19,591,517	37,429,018	*	*
209 CNTR WEEDS FLD CROP	469	149.9	8,991,289	18,649,872	*	*
210 CNTR PESTS ANIMALS	182	86.0	7,186,644	9,242,141	*	*
211 CNTR DIS ANIMALS	1021	417.0	42,653,668	66,322,200	*	*
212 CNTR INTER PARASITE	148	69.6	6,259,885	9,132,924	*	*
213 PROT ANMLS FROM TOX	158	55.2	4,339,315	6,608,129	*	*
214 PROTECT FROM POLLUT	264	67.5	3,948,075	9,482,006	*	*
SUBTOTAL	5999	2351.4	170,126,458	292,648,670	*	*
SERIES 300						
301 GENET BREED FORST T	108	68.0	4,907,467	8,335,710	*	*
302 IMP FOREST ENG SYS	32	29.1	2,202,235	3,169,240	*	*
303 ECON TIMBER PRODUCT	44	24.5	1,048,318	2,431,924	*	*
304 IMP BIO EFF FRT & V	1109	382.6	12,326,822	44,964,387	*	*
305 HECH PROD FRT & VEG	164	45.8	2,012,811	5,104,554	*	*
306 PROD MGMT SYS F & V	99	22.7	324,904	2,226,028	*	*
307 IMP BIO EFF FLD CRP	1883	791.9	30,995,640	98,659,607	*	*
308 HECH PROD FIELD CRO	169	67.6	5,119,429	8,284,306	*	*
309 PROD MGMT SYS FLD C	300	74.5	2,545,635	9,213,172	*	*
310 ANIMAL REPRODUCTION	529	209.8	11,510,879	33,713,087	*	*
311 IMP BIO EFF ANML PR	1371	529.9	27,191,726	102,888,509	*	*
312 ENV STRESS IN ANML	217	58.8	2,687,592	9,084,508	*	*
313 PROD HGHT SYS ANML	302	71.4	2,558,436	11,459,127	*	*
314 BEES OTH POLLWTNG I	93	48.7	3,221,503	4,376,369	*	*
315 IMP STRUC FARM SUPP	148	43.0	1,435,570	5,483,646	*	*
316 FARM BUSINESS MGMT	148	49.9	1,104,508	3,904,185	*	*
317 HECH/STRUCTS ANML P	92	25.4	1,582,018	3,111,346	*	*
318 NON-COM BIO TECH/BI	1391	663.4	39,872,033	84,434,554	*	*
SUBTOTAL	8199	3207.2	153,147,526	440,844,460	*	*
SERIES 400						
401 NEW IMP FOREST PROD	146	173.7	14,820,922	20,607,216	*	*
402 PROD F & V IMP ACCE	304	72.9	2,595,290	8,342,817	*	*
403 NEW & IMP F&V PRCD	239	116.2	6,149,869	10,617,602	*	*
404 MKT QUAL FRTS & VEG	258	107.1	7,090,148	11,733,620	*	*
405 PROD FLD CROP IME A	383	143.0	9,238,056	15,644,291	*	*
406 NEW IMP FOOD FLD CR	189	130.7	9,624,966	13,154,664	*	*
407 NEW IMP NON-FOOD FC	144	111.4	9,476,036	10,338,806	*	*
408 MKT QUAL FIELD CROP	167	63.0	4,545,334	6,256,737	*	*
409 PROD ANML PR IMP AC	157	46.6	2,157,561	6,531,780	*	*
410 IMP MEAT MILK EGG P	285	114.2	5,326,068	13,245,070	*	*
411 IMP NON-FOOD ANML P	36	34.5	3,296,973	3,442,806	*	*
412 MKT QUAL ANIMAL PRO	131	34.1	1,418,531	3,574,795	*	*
SUBTOTAL	2439	1147.3	75,739,754	123,490,204	*	*
SERIES 500						
501 IMP GRADES & STANDS	89	41.2	2,856,587	4,334,897	*	*
502 MKTG TIMBER PRODUCT	30	33.0	2,647,075	3,007,175	*	*
503 MKTG EFF AGRIC PRCD	252	78.2	3,884,959	6,726,104	*	*
506 SPLY DEMAND AND PRI	191	108.7	5,303,360	8,078,118	*	*
507 COMP REL IN AGRIC	68	13.9	417,028	1,028,787	*	*
508 DOMESTIC MKT DEVELP	45	13.5	188,193	904,018	*	*
509 PERFORMANCE MKTG SY	154	59.9	3,419,181	6,101,147	*	*
510 GROUP ACT MKT POWER	56	10.5	589,873	903,079	*	*
511 IMP AGRIC STATISTIC	39	29.6	1,896,318	3,231,953	*	*
512 IMP GRADES FRST PRO	15	12.1	792,918	1,046,197	*	*
513 PRICE ANML FRST PRO	18	9.3	632,795	873,685	*	*
SUBTOTAL	957	409.9	22,628,287	36,235,160	*	*
SERIES 600						
601 FGN MKT DEVELP	147	127.0	8,549,517	9,439,658	*	*
602 EVAL FGN FOOD AIL P	5	3.4	214,372	287,049	*	*
603 TECH AID DEV CRTY	80	38.9	1,325,975	2,937,723	*	*
604 PRD DVLPT/MKTG PRG	28	22.3	2,274,680	2,329,577	*	*
SUBTOTAL	260	191.6	12,364,544	14,994,008	*	*
SERIES 700						
701 TOX RES IN FOOD	286	99.3	7,319,203	12,812,088	*	*
702 FOOD PROT FROM TCX	292	150.0	10,746,942	16,595,395	*	*
703 FOOD CONSUMP HABITS	143	59.7	7,322,551	8,770,940	*	*
704 HOME COMM FOOD SERV	44	12.6	528,698	1,281,629	*	*
705 SEL CARE CLOTH & TE	61	18.4	558,226	1,418,374	*	*
706 CNTR INSECTS AFF H	155	68.0	4,014,705	7,077,274	*	*
707 TRANS ANML MAN DI	27	9.8	175,427	1,201,529	*	*
708 HUMAN NUTRITION	456	207.7	24,154,727	33,265,613	*	*
709 REDUCE HAZ HLTH & S	127	78.6	7,207,216	7,837,544	*	*
SUBTOTAL	1591	704.1	62,027,696	90,260,387	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG PRD APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	65	24.8	1,455,448	2,388,009	*	*
802 INDIV & FAN DEC MAK	182	51.0	1,049,985	4,140,642	*	*
803 RURAL POVERTY	26	5.3	167,190	405,592	*	*
804 ECON POTENT RURL PE	93	42.1	1,817,461	3,149,013	*	*
805 COMMUNICAT RURL PE	128	37.4	461,872	3,399,866	*	*
806 ADJUSTMENT TO CHANG	166	59.5	2,157,740	4,340,054	*	*
807 AGRIC ECONOMIC CHAN	152	92.7	6,673,559	9,299,343	*	*
808 GOV'T PROGRAMS	63	44.6	3,054,939	3,648,719	*	*
SUBTOTAL	875	357.4	16,838,194	30,771,238	*	*
SERIES 900						
901 ALLEV POLLUTION	710	291.3	16,150,323	35,678,920	*	*
902 OUTDOOR RECREATION	140	67.4	3,255,055	6,381,239	*	*
903 MULTI-USE-FOREST PO	80	43.9	3,611,077	5,731,444	*	*
904 WLDLFE AND FISH ECO	543	195.8	8,448,665	25,910,713	*	*
905 TREES BEAUTIFICATIO	118	40.5	3,262,031	5,359,762	*	*
906 ORNAMENT & TURF DEV	650	249.1	7,691,508	25,258,249	*	*
907 RURAL INCOME IMP	164	44.6	1,822,814	3,620,987	*	*
908 RURAL INSTITUT IMP	256	72.5	2,499,158	6,641,073	*	*
990 UNCLASSIFIED	60	18.1	2,416,624	4,738,102	*	*
SUBTOTAL	2721	1023.0	49,157,254	119,320,489	*	*
SCIENCE IN SERV OF MAN GRAND TOTAL	26112	10836.2	665,055,178	1,318,910,941	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMT 1980
0100 SOIL AND LAND	297	165.2	18,847,012	19,168,287	10.2	1,372,475
0200 WATER	282	170.1	19,178,199	19,513,534	15.3	1,714,258
0300 WATERSHEDS RIVER BAS	106	142.7	16,069,195	17,502,695	3.1	199,124
0400 AIR AND CLIMATE	29	17.0	1,819,846	1,901,386	0.0	60,000
0500 RECREATION RESOURCES	22	36.1	4,231,650	5,273,570	0.0	0
0600 TIMBER FORST PRODUCT	228	730.2	81,719,197	88,299,733	3.3	632,830
0700 RANGE	106	83.2	10,110,776	10,582,700	1.2	131,225
0800 WILDLIFE AND FISH	51	67.8	7,840,507	8,592,147	0.1	553,515
0900 CITRUS SUB TROP FRUT	110	84.5	9,770,828	9,770,828	5.8	557,125
1000 FRUIT NUTS DECIDUOUS	185	114.0	13,867,411	13,867,411	1.7	897,723
1100 POTATOES	56	38.3	4,204,884	4,204,884	0.4	137,266
1200 VEGETABLES	292	129.4	15,400,062	15,400,062	12.0	1,968,800
1300 ORNAMENTALS TURF	70	34.9	4,978,180	4,978,180	2.8	128,404
1400 CORN	219	116.9	12,322,528	12,322,528	3.8	989,760
1500 GRAIN SORGHUM	85	24.8	2,445,526	2,445,526	0.2	24,804
1600 RICE	48	24.3	2,298,413	2,298,413	0.2	33,681
1700 WHEAT	198	108.4	10,867,735	10,867,735	3.8	657,733
1800 OTHER SMALL GRAINS	99	37.1	4,216,986	4,216,986	1.2	450,940
1900 PASTURE	35	9.7	1,106,818	1,106,818	0.9	142,528
2000 FORAGE CROPS	205	114.7	12,915,154	12,915,154	8.6	862,897
2100 COTTON	223	207.2	22,676,141	22,676,141	9.1	492,205
2200 COTTONSEED	40	23.4	2,094,235	2,094,235	2.0	5,646
2300 SOYBEANS	210	124.5	14,579,335	14,579,335	2.4	1,459,133
2400 PEANUTS	72	38.6	3,858,680	3,858,680	0.0	85,337
2500 OTHER OILSEED CROPS	45	20.6	1,858,785	1,858,785	0.2	127,771
2600 TOBACCO	51	43.7	4,763,450	4,763,450	6.6	733,788
2700 SUGAR CROPS	109	56.6	7,933,440	7,933,440	1.7	229,891
2800 MISC NEW CROPS	60	37.1	3,902,097	3,902,097	2.7	666,913
2900 POULTRY	111	82.5	12,333,433	12,333,433	1.4	1,248,779
3000 BEEF CATTLE	281	191.2	29,525,253	29,525,253	11.9	2,817,330
3100 DAIRY CATTLE	201	98.4	19,991,689	19,991,689	1.6	2,653,871
3200 SWINE	157	88.1	15,170,730	15,170,730	9.5	1,882,831
3300 SHEEP AND WOOL	100	53.6	8,938,924	8,938,924	2.4	914,163
3400 OTHER ANIMALS	47	13.5	2,775,670	2,775,670	2.1	851,302
3500 BEES AND HONEY	46	32.7	2,989,545	2,989,545	3.3	225,643
3600 FARM SUPP & FACILITS	15	7.1	752,465	752,465	0.0	129,396
3700 CLOTHING & TEXTILES	5	4.5	286,720	286,720	1.0	17,708
3800 FOOD	105	100.7	18,828,201	18,828,201	3.4	1,220,876
3900 HOUSING & EQUIP	42	28.0	3,788,098	3,932,928	2.0	617,740
4000 PEOPLE AS INDIVIDUAL	97	94.8	12,314,368	12,314,368	2.7	1,119,209
4100 FAMILY MEMBERS	35	23.6	4,944,593	4,944,593	1.1	293,842
4200 FARM AS BUSINESS	3	5.7	491,000	491,000	0.0	0
4300 SOC POLIT ORGANIZ	36	23.1	1,751,688	1,875,488	0.0	163,688
4400 AGRIC ECONOMY U S	34	99.0	8,782,200	8,799,200	0.0	58,200
4500 AGRIC ECONOMY FORGN	96	113.6	8,196,000	8,196,000	0.0	0
4600 FARM COOPERATIVES	26	9.0	655,900	655,900	0.0	73,100
4800 MARKETING SYSTEMS	6	5.5	1,852,836	1,852,836	0.0	14,550
6100 WEEDS	53	20.2	2,703,317	2,703,317	0.2	36,245
6200 SEED RESEARCH	18	14.2	1,606,863	1,606,863	0.5	53,465
6300 BIO CELL SYSTEMS	59	11.0	3,869,976	3,869,976	0.0	45,282
6400 EXP DESIGN/STAT METH	3	14.5	1,188,500	1,188,500	0.0	0
6500 INVERTEBRATES	85	118.2	11,662,507	11,662,507	10.3	543,146
6600 MICROORGANISMS, VIRUS	99	25.4	6,229,170	6,229,170	2.3	362,653
6700 PLANTS	334	215.5	27,725,281	27,725,281	6.4	2,689,706
6800 ANIMALS (VERTEBRATES)	77	37.7	5,057,015	5,057,015	2.6	740,141
6900 RESEARCH ON RSCH HGM	1	0.0	212,981	212,981	0.0	212,981
7000 RSCH EQUIP & TECHNOL	17	39.3	6,292,814	6,292,814	2.9	201,488
9900 UNCLASSIFIED	4	4.4	1,029,189	1,029,189	0.0	554,880
TOTAL	5726	4376.1	537,823,993	549,127,293	166.5	35,059,987

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FBD APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SABS AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	1	0.4	116,926	116,926	0.0	0
102 SOIL PLMT WTR NUTRI	169	91.3	10,550,932	10,602,772	8.4	841,423
103 MGMT OF SALINE SOIL	12	14.9	1,850,293	1,850,293	1.2	168,894
104 ALTERN USE OF LAND	19	19.3	1,811,700	1,843,500	0.0	84,236
105 CONSERV USE OF WATE	125	80.8	9,094,071	9,161,821	5.4	858,806
106 DRAIN AND IRRIGATIO	67	41.7	5,236,088	5,236,088	9.8	1,194,764
107 WATERSHED PROT & HG	144	175.2	19,879,923	21,545,798	4.4	527,574
108 ECON LEG PROB OF WA	5	10.0	1,035,825	1,046,865	0.0	49,080
109 WEATHER ADAPT & MOD	18	9.7	1,252,486	1,252,486	1.6	79,394
110 APPRAIS FORST & SAM	17	66.7	11,454,866	12,334,156	0.0	0
111 BIOL CULT HGHT PCRS	61	199.3	18,277,335	20,782,864	0.0	59,929
112 IMPROV RANGE RESCR	64	42.5	5,144,407	5,349,257	1.2	118,942
113 REMOTE SENSING	11	35.6	6,137,976	6,137,976	2.9	156,206
114 RSCH ON HGHT OF RSC	1	0.0	212,981	212,981	0.0	212,981
SUBTOTAL	714	787.5	92,055,808	97,473,782	34.8	4,352,229
SERIES 200						
201 CNTRL FORST INSECTS	44	104.6	11,534,864	11,943,335	2.9	181,510
202 CONTROL FOREST DIS	26	55.6	8,193,614	8,723,539	0.0	1,514
203 FOREST FIRE PROTECT	19	69.3	7,006,450	7,769,330	0.0	0
204 CNTR PESTS FRT & VE	134	75.1	10,147,670	10,147,670	4.4	841,006
205 CNTR DISE FRT & VEG	177	74.4	9,510,635	9,510,635	9.7	1,125,545
206 CNTR WEEDS FRT & VE	55	14.7	1,943,161	1,943,161	1.7	245,362
207 CNTR PESTS FLD CROP	236	157.4	17,819,293	17,819,293	9.8	537,755
208 CNTR DIS FIELD CROP	264	130.5	15,325,655	15,325,655	4.5	1,021,518
209 CNTR WEEDS FLD CROP	140	58.1	7,268,142	7,268,142	2.8	684,991
210 CNTR PESTS ANIMALS	47	54.2	6,500,420	6,500,420	2.5	729,656
211 CNTR DIS ANIMALS	217	131.7	34,614,661	34,614,661	10.2	6,348,919
212 CNTR INTER PARASITE	31	35.0	5,325,674	5,325,674	1.8	563,692
213 PROT ANMLS FROM TOX	34	27.0	3,703,437	3,703,437	1.9	681,379
214 PROTECT FROM POLLUT	32	23.1	3,167,093	3,275,043	0.4	512,788
SUBTOTAL	1456	1010.6	142,060,768	143,869,994	52.7	13,475,636
SERIES 300						
301 GENET BREED FORST T	14	38.4	3,793,676	4,276,216	0.0	19,976
302 IMP FOREST ENG SYS	6	17.8	1,997,872	2,028,772	0.0	17,372
303 ECON TIMBER PRODUCT	6	11.2	802,095	813,005	0.0	34,745
304 IMP BIO EFF FRT & V	115	53.5	7,517,665	7,517,665	1.6	524,697
305 MECH PROD FRT & VEG	25	11.9	1,276,918	1,276,918	0.6	114,230
306 PROD MGMT SYS F & V	4	0.7	82,054	82,054	0.2	32,147
307 IMP BIO EFF FLD CRP	332	173.8	20,999,517	20,999,517	8.8	1,416,250
308 MECH PROD FIELD CRO	60	36.2	4,529,218	4,529,218	1.6	208,463
309 PROD MGMT SYS FLD C	33	7.7	1,238,252	1,238,252	0.7	449,940
310 ANIMAL REPRODUCTION	48	42.3	6,554,488	6,554,488	5.2	591,073
311 IMP BIO EFF ANML FR	128	71.8	14,287,480	14,287,480	1.4	654,716
312 ENV STRESS IN ANML	25	9.9	1,360,654	1,360,654	1.0	150,581
313 PROD MGMT SYS ANML	15	3.9	911,769	911,769	0.0	94,365
314 BEES OTH POLLNTNG I	46	32.7	2,989,545	2,989,545	3.3	225,643
315 IMP STRUC FARM SUPP	23	6.6	1,344,740	1,344,740	0.5	554,892
317 MECH/STRUCTS ANML P	13	5.9	1,228,735	1,228,735	0.1	103,329
318 NON-COR BIO TECH/DI	352	246.0	35,295,864	35,295,864	16.0	1,610,404
SUBTOTAL	1245	770.1	106,210,540	106,734,890	40.8	6,802,824
SERIES 400						
401 NEW IMP FOREST PROD	27	113.1	13,696,988	14,574,858	0.0	266,488
402 PROD F & V IMP ACCE	41	14.2	1,755,988	1,755,988	0.0	42,425
403 NEW & IMP FGV PRCD	50	56.5	5,115,904	5,115,904	1.0	181,374
404 MKT QUAL FRTS & VEG	79	56.5	5,802,402	5,802,402	0.8	96,786
405 PROD FLD CROP IMP A	127	77.9	7,874,222	7,874,222	3.5	309,646
406 NEW IMP FOOD FLD CR	56	97.3	8,860,716	8,860,716	2.0	35,254
407 NEW IMP NON-FOOD FC	76	93.7	9,174,258	9,174,258	0.6	651,239
408 MKT QUAL FIELD CROP	65	42.8	4,113,200	4,113,200	0.0	113,270
409 PROD ANML FR IMP AC	6	4.1	663,266	663,266	0.0	0
410 IMP MEAT MILK EGG P	21	32.5	3,316,647	3,316,647	0.4	8,976
411 IMP NON-FOOD ANML P	14	33.3	3,249,812	3,249,812	3.4	309,146
412 MKT QUAL ANIMAL PRO	15	7.1	751,955	751,955	0.0	0
SUBTOTAL	577	628.9	64,375,357	65,253,227	11.7	2,014,604
SERIES 500						
501 IMP GRADES & STANDS	26	22.7	2,484,013	2,484,013	0.0	102,437
502 MKTG TIMBER PRODUCT	7	28.1	2,529,800	2,606,560	0.0	0
503 MKTG EFF AGRI PRDGS	45	26.5	2,395,258	2,395,258	0.0	0
506 SPLY DEMAND AND PRI	30	60.9	3,881,175	3,881,175	0.0	0
507 COMP REL IN AGRIC	3	0.3	58,715	58,715	0.0	37,715
508 DOMESTIC MKT DEVELP	1	0.0	17,100	17,100	0.0	17,100
509 PERFORMANCE MKTG SY	8	13.1	2,311,641	2,311,641	0.0	43,650
510 GROUP ACT MKT POWER	26	5.0	470,450	470,450	0.0	87,650
511 IMP AGRIC STATISTIC	3	19.5	1,834,000	1,834,000	0.0	0
512 IMP GRADES PRST PRO	2	9.0	754,000	788,300	0.0	0
513 PRICE ANAL PRST PRO	3	6.2	583,000	603,540	0.0	0
SUBTOTAL	154	191.2	17,319,152	17,450,752	0.0	288,552
SERIES 600						
601 FGM MKT DEVELP	96	113.9	8,163,000	8,163,000	0.0	0
602 EVAL FGM FOOD AID P	1	2.7	210,000	210,000	0.0	0
603 TECH AID DEV CRTY	20	18.4	1,280,943	1,280,943	1.6	171,211
604 PRD DVLPT/MKTG PRG	19	21.9	2,267,281	2,267,281	0.0	0
SUBTOTAL	136	156.9	11,921,224	11,921,224	1.6	171,211
SERIES 700						
701 TOX RES IN FOOD	77	40.9	6,151,484	6,151,484	0.6	1,945,051
702 FOOD PROT FROM TOX	88	94.2	9,386,552	9,386,552	2.2	432,763
703 FOOD CONSUMP HABITS	19	29.2	6,637,049	6,637,049	1.9	896,651
704 HOME COMM FOOD SERV	3	2.0	263,100	263,100	0.0	0
705 SEL CARE CLOTH & TE	5	4.5	286,720	286,720	1.0	17,708
706 CNTR INSECTS AFF M	28	29.2	3,444,750	3,444,750	1.0	369,614
707 TRANS ANML HAN DI	2	1.1	99,182	99,182	0.0	14,653
708 HUMAN NUTRITION	130	108.4	22,100,245	22,100,245	3.6	1,362,913
709 REDUCE HAZ HLTH & S	66	71.6	6,980,000	6,980,000	6.1	731,716
SUBTOTAL	418	381.1	55,349,082	55,349,082	16.4	5,771,069

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SABS AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	11	14.3	1,242,608	1,280,958	0.0	0
802 INDIV & FAN DEC MAK	9	4.7	366,413	366,413	0.7	55,687
803 RURAL POVERTY	1	0.0	10,913	10,913	0.0	10,913
804 ECON POTENT RURL PE	7	17.2	1,304,440	1,304,440	0.0	0
805 COMMUNICAT RURAL PE	2	1.1	57,499	57,499	0.1	7,499
806 ADJUSTMENT TO CHANG	8	12.3	1,204,473	1,204,473	0.0	10,913
807 AGRIC ECONOMIC CHAN	16	54.7	5,850,200	5,867,200	0.0	58,200
808 GOV'T PROGRAMS	19	36.4	2,889,000	2,889,000	0.0	0
SUBTOTAL	73	140.7	12,925,545	12,980,895	0.8	143,211
SERIES 900						
901 ALLEV POLLUTION	124	118.9	12,891,521	13,246,011	4.3	592,708
902 OUTDOOR RECREATICN	16	27.1	2,595,750	2,874,930	0.0	0
903 MULTI-USE-FOREST PO	14	28.3	3,319,950	4,340,900	0.0	0
904 WLDLFE AND FISH ECO	39	59.8	6,744,396	7,425,906	0.1	522,838
905 TREES BEAUTIFICATIO	21	14.6	2,830,443	2,857,443	0.4	50,797
906 ORNAMENT & TURF DEV	63	33.0	4,425,393	4,425,393	3.0	137,553
907 RURAL INCOME IMP	15	12.1	863,640	909,640	0.0	58,200
908 RURAL INSTITUT IMP	27	11.0	906,235	984,035	0.0	123,675
990 UNCLASSIFIED	4	4.4	1,029,189	1,029,189	0.0	554,880
SUBTOTAL	323	309.2	35,606,517	38,093,447	7.8	2,040,652
SCIENCE IN SERV OF MAN	5096	4376.1	537,823,993	549,127,293	166.5	35,059,987
GRAND TOTAL						

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TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - AGRICULTURAL RESEARCH

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CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	261	132.2	14,953,915	14,953,915	10.2	853,128
0200 WATER	247	129.0	15,656,801	15,656,801	15.3	1,568,260
0300 WATERSHEDS RIVER BAS	73	57.7	7,266,537	7,266,537	3.1	194,766
0400 AIR AND CLIMATE	20	9.6	1,070,196	1,070,196	0.0	0
0600 TIMBER FORST PRODUCT	30	19.3	2,974,409	2,974,409	3.3	230,793
0700 RANGE	79	45.5	5,705,546	5,705,546	1.2	131,225
0800 WILDLIFE AND FISH	16	5.8	740,398	740,398	0.1	70,126
0900 CITRUS SUB TROP FRUIT	103	83.9	9,676,925	9,676,925	5.8	555,423
1000 FRUIT NUTS DECIDUCUS	168	111.3	13,415,985	13,415,985	1.7	746,597
1100 POTATOES	48	37.4	3,890,484	3,890,484	0.4	119,866
1200 VEGETABLES	262	126.2	14,418,078	14,418,078	12.0	1,511,816
1300 ORNAMENTALS TURF	69	34.9	4,977,546	4,977,546	2.8	127,770
1400 CORN	204	113.7	11,545,119	11,545,119	3.8	584,431
1500 GRAIN SORGHUM	80	22.8	2,302,918	2,302,918	0.2	20,836
1600 RICE	42	22.4	2,056,923	2,056,923	0.2	30,831
1700 WHEAT	185	105.9	10,369,269	10,369,269	3.8	417,622
1800 OTHER SMALL GRAINS	88	34.8	3,919,210	3,919,210	1.2	335,479
1900 PASTURE	33	9.7	1,105,930	1,105,930	0.9	141,640
2000 FORAGE CROPS	200	114.7	12,630,204	12,630,204	8.6	857,947
2100 COTTON	215	205.1	22,509,733	22,509,733	9.1	475,496
2200 COTTONSEED	40	23.4	2,094,235	2,094,235	2.0	5,646
2300 SOYBEANS	190	121.7	13,271,631	13,271,631	2.4	792,299
2400 PEANUTS	66	36.8	3,635,741	3,635,741	0.0	63,199
2500 OTHER OILSEED CROPS	37	19.1	1,624,391	1,624,391	0.2	20,377
2600 TOBACCO	46	42.3	4,606,850	4,606,850	6.6	709,788
2700 SUGAR CROPS	96	52.5	7,648,508	7,648,508	1.7	213,059
2800 MISC NEW CROPS	48	34.3	3,210,426	3,210,426	2.7	145,642
2900 POULTRY	92	81.6	11,327,641	11,327,641	1.4	324,587
3000 BEEF CATTLE	255	185.9	27,632,923	27,632,923	11.9	1,336,350
3100 DAIRY CATTLE	174	95.9	17,917,269	17,917,269	1.6	764,101
3200 SWINE	137	85.0	13,922,908	13,922,908	9.5	886,110
3300 SHEEP AND WOOL	92	53.4	8,377,842	8,377,842	2.4	369,731
3400 OTHER ANIMALS	41	13.5	2,283,497	2,283,497	2.1	359,130
3500 BEES AND HONEY	46	32.7	2,989,545	2,989,545	3.3	225,643
3600 FARM SUPP & FACILITS	4	2.0	228,068	228,068	0.0	0
3700 CLOTHING & TEXTILES	5	4.5	286,720	286,720	1.0	17,708
3800 FOOD	70	92.3	15,091,314	15,091,314	3.4	932,989
3900 HOUSING & EQUIP	32	15.7	1,890,720	1,890,720	2.0	262,162
4000 PEOPLE AS INDIVIDUAL	77	74.8	10,638,195	10,638,195	2.7	1,058,286
4100 FAMILY MEMBERS	27	8.7	3,705,293	3,705,293	1.1	279,292
4800 MARKETING SYSTEMS	1	0.3	74,286	74,286	0.0	0
6100 WEEDS	49	20.2	2,558,788	2,558,788	0.2	31,717
6200 SEED RESEARCH	17	14.2	1,551,863	1,551,863	0.5	53,465
6300 BIO CELL SYSTEMS	17	11.0	1,183,670	1,183,670	0.0	0
6500 INVERTEBRATES	77	118.2	11,388,265	11,388,265	10.3	541,305
6600 MICROORGANISMS, VIUS	49	25.4	3,124,130	3,124,130	2.3	261,938
6700 PLANTS	217	202.3	20,658,215	20,658,215	6.4	755,340
6800 ANIMALS (VERTEBRATES)	40	33.8	4,176,660	4,176,660	2.6	346,336
6900 RESEARCH ON RSCH MGN	1	0.0	212,981	212,981	0.0	212,981
7000 RSCH EQUIP & TECHNOL	14	9.3	819,033	819,033	2.9	156,206
9900 UNCLASSIFIED	4	4.4	1,029,189	1,029,189	0.0	554,880
TOTAL	4484	2936.9	360,346,926	360,346,926	166.5	20,654,320

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TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA-- AGRICULTURAL RESEARCH

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	1	0.4	116,926	116,926	0.0	0
102 SOIL PLNT WTR NUTRI	165	90.1	10,363,253	10,363,253	8.4	778,543
103 MGMT OF SALINE SCIL	11	14.9	1,798,393	1,798,393	1.2	116,994
104 ALTERN USE OF LAND	3	0.8	97,064	97,064	0.0	0
105 CONSERV USE OF WATE	110	66.3	7,736,871	7,736,871	5.4	771,206
106 DRAIN AMD IRRIGATIO	66	41.7	5,207,368	5,207,368	9.8	1,166,044
107 WATERSHED PROT & MG	110	88.9	10,728,123	10,728,123	4.4	367,524
108 ECON LEG PROB OF WA	2	0.1	72,825	72,825	0.0	49,080
109 WEATHER ADAPT & MOD	18	9.7	1,252,486	1,252,486	1.6	79,394
110 APPRAIS FORST & RAN	1	0.0	4,066	4,066	0.0	0
111 BIOL CULT MGMT PCRS	1	0.8	81,206	81,206	0.0	0
112 IMPROV RANGE RESCR	57	28.1	3,562,207	3,562,207	1.2	118,942
113 REMOTE SENSING	10	10.6	1,354,976	1,354,976	2.9	156,206
114 RSCH ON MGMT OF BSC	1	0.0	212,981	212,981	0.0	212,981
SUBTOTAL	556	352.4	42,588,744	42,588,744	34.8	3,816,915
SERIES 200						
201 CNTRL FORST INSECTS	11	8.1	982,220	982,220	2.9	179,996
204 CNTR PESTS FRT & VE	113	69.6	9,064,242	9,064,242	4.4	692,208
205 CNTR DISE FRT & VEG	154	70.5	8,544,476	8,544,476	9.7	1,058,186
206 CNTR WEEDS FRT & VE	42	10.9	1,402,507	1,402,507	1.7	235,728
207 CNTR PESTS PLD CROP	227	156.9	17,640,135	17,640,135	9.8	516,597
208 CNTR DIS FIELD CROP	238	130.5	14,030,327	14,030,327	4.5	539,690
209 CNTR WEEDS PLD CROP	131	58.1	7,135,144	7,135,144	2.8	601,993
210 CNTR PESTS ANIMALS	33	51.6	5,847,380	5,847,380	2.5	412,276
211 CNTR DIS ANIMALS	161	130.4	30,282,080	30,282,080	10.2	2,167,229
212 CNTR INTER PARASITE	27	35.0	4,854,860	4,854,860	1.8	92,878
213 PROT ANMLS FROM TOX	28	27.0	3,172,036	3,172,036	1.9	149,978
214 PROTECT FROM POLLUT	22	15.5	1,540,784	1,540,784	0.4	43,479
SUBTOTAL	1187	764.1	104,496,190	104,496,190	52.7	6,690,239
SERIES 300						
304 IMP BIO EFF FRT & V	106	53.5	7,088,288	7,088,288	1.6	410,320
305 MECH PROD FRT & VEG	24	11.9	1,274,493	1,274,493	0.6	111,805
306 PROD MGMT SYS F & V	3	0.7	62,104	62,104	0.2	12,197
307 IMP BIO EFF PLD CRP	313	173.8	19,664,782	19,664,782	8.8	845,515
308 MECH PROD FIELD CRO	58	36.2	4,449,598	4,449,598	1.6	128,843
309 PROD MGMT SYS FLD C	28	7.7	951,292	951,292	0.7	162,980
310 ANIMAL REPRODUCTION	45	42.3	6,221,488	6,221,488	5.2	258,073
311 IMP BIO EFF ANML PR	120	71.8	13,979,594	13,979,594	1.4	346,830
312 ENV STRESS IN ANML	23	9.9	1,329,309	1,329,309	1.0	119,237
313 PROD MGMT SYS ANML	12	2.9	820,169	820,169	0.0	52,765
314 BEES OTH POLLUTNG I	46	32.7	2,989,545	2,989,545	3.3	225,643
315 IMP STRUC FARM SUPL	15	6.6	835,021	835,021	0.5	45,174
317 MECH/STRUCTS ANML P	12	5.9	1,211,718	1,211,718	0.1	86,312
318 NON-COM BIO TECH/BI	220	246.0	26,140,581	26,140,581	16.0	1,305,121
SUBTOTAL	1025	701.8	87,017,982	87,017,982	40.8	4,110,816
SERIES 400						
402 PROD F & V IMP ACCE	39	14.2	1,713,563	1,713,563	0.0	0
403 NEW & IMP FGV BRCD	48	56.5	4,996,643	4,996,643	1.0	62,112
404 MNT QUAL FRTS & VEG	79	56.5	5,802,402	5,802,402	0.8	96,786
405 PROD FLD CROP IMP A	127	77.9	7,874,222	7,874,222	3.5	309,646
406 NEW IMP FOOD FLD CR	56	97.3	8,860,716	8,860,716	2.0	35,254
407 NEW IMP NON-FOOD FC	65	93.7	8,559,236	8,559,236	0.6	36,217
408 MNT QUAL FIELD CBGP	64	42.8	4,073,227	4,073,227	0.0	73,297
409 PROD ANML PR IMP AC	6	4.1	663,266	663,266	0.0	0
410 IMP MEAT MILK EGG P	21	32.5	3,316,647	3,316,647	0.4	8,976
411 IMP NON-FOOD ANML P	11	33.3	3,021,448	3,021,448	3.4	80,782
412 MNT QUAL ANIMAL PRO	15	7.1	751,955	751,955	0.0	0
SUBTOTAL	531	515.8	49,633,324	49,633,324	11.7	703,070
SERIES 500						
501 IMP GRADES & STANDS	26	22.7	2,484,013	2,484,013	0.0	102,437
503 MNTG EFF AGRI PRCD	41	23.9	2,167,258	2,167,258	0.0	0
506 SPLY DEMAND AMD FRI	1	0.1	11,175	11,175	0.0	0
509 PERFORMANCE MKTG SY	1	0.8	65,991	65,991	0.0	0
SUBTOTAL	69	47.4	4,728,437	4,728,437	0.0	102,437
SERIES 600						
603 TECH AID DEV CRTY	16	12.6	1,034,943	1,034,943	1.6	171,211
604 PRD DVLPT/MKTG FRG	19	21.9	2,267,281	2,267,281	0.0	0
SUBTOTAL	35	34.5	3,302,224	3,302,224	1.6	171,211
SERIES 700						
701 TOX RES IN FOOD	33	40.9	4,401,179	4,401,179	0.6	194,746
702 FOOD PROT FROM TOX	87	94.2	9,335,463	9,335,463	2.2	381,674
703 FOOD CONSUMP HABITS	16	22.0	5,991,049	5,991,049	1.9	896,651
704 HOME COMM FOOD SERV	2	1.6	113,100	113,100	0.0	0
705 SEL CARE CLOTH & TE	5	4.5	286,720	286,720	1.0	17,708
706 CNTR INSECTS AFF M	28	29.2	3,444,750	3,444,750	1.0	369,614
707 TRANS ANML HAN DI	1	1.1	84,529	84,529	0.0	0
708 HUMAN NUTRITION	103	108.4	19,477,245	19,477,245	3.6	1,362,913
709 REDUCE HAZ HLTH & S	66	71.6	6,980,000	6,980,000	6.1	731,716
SUBTOTAL	341	373.5	50,114,035	50,114,035	16.4	3,955,022
SERIES 800						
801 RURAL HOUSING	3	4.0	401,108	401,108	0.0	0
802 INDIV & FAM DEC MAK	8	4.7	351,863	351,863	0.7	41,137
805 COMMUNICAT RURAL PE	1	0.1	7,499	7,499	0.1	7,499
SUBTOTAL	12	8.8	760,470	760,470	0.8	48,636

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- AGRICULTURAL RESEARCH

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CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 900						
901 ALLEV POLLUTION	93	86.5	9,444,541	9,444,541	4.3	273,428
904 WLDLFE AND FISH ECO	10	2.5	306,587	306,587	0.1	39,949
905 TREES BEAUTIFICATIO	19	12.1	2,500,443	2,500,443	0.4	50,797
906 ORNAMENT & TURF DEV	62	33.0	4,424,759	4,424,759	3.0	136,919
990 UNCLASSIFIED	4	4.4	1,029,189	1,029,189	0.0	554,880
SUBTOTAL	188	138.6	17,705,519	17,705,519	7.8	1,055,974
SCIENCE IN SERV OF MAN GRAND TOTAL	3944	2936.9	360,346,926	360,346,926	166.5	20,654,320

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - COOPERATIVE RESEARCH CR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SIS 1980	WITH SABS ABOUT 1980
0100 SOIL AND LAND	12	0.0	519,347	519,347	0.0	519,347
0200 WATER	8	0.0	145,998	145,998	0.0	145,998
0300 WATERSHEDS RIVER BAS	2	0.0	4,358	4,358	0.0	4,358
0400 AIR AND CLIMATE	1	0.0	60,000	60,000	0.0	60,000
0600 TIMBER FORST PRODUCT	7	0.0	402,037	402,037	0.0	402,037
0800 WILDLIFE AND FISH	5	0.0	483,389	483,389	0.0	483,389
0900 CITRUS SUB TROP FRUT	1	0.0	1,702	1,702	0.0	1,702
1000 FRUIT NUTS DECIDUCUS	5	0.0	151,126	151,126	0.0	151,126
1100 POTATOES	2	0.0	17,400	17,400	0.0	17,400
1200 VEGETABLES	17	0.0	456,984	456,984	0.0	456,984
1300 ORNAMENTALS TURF	1	0.0	634	634	0.0	634
1400 CORN	7	0.0	405,329	405,329	0.0	405,329
1500 GRAIN SORGHUM	1	0.0	3,968	3,968	0.0	3,968
1600 RICE	1	0.0	2,850	2,850	0.0	2,850
1700 WHEAT	7	0.0	240,111	240,111	0.0	240,111
1800 OTHER SMALL GRAINS	5	0.0	115,462	115,462	0.0	115,462
1900 PASTURE	2	0.0	888	888	0.0	888
2000 FORAGE CROPS	2	0.0	5,950	5,950	0.0	5,950
2100 COTTON	3	0.0	17,708	17,708	0.0	17,708
2300 SOYBEANS	8	0.0	666,834	666,834	0.0	666,834
2400 PEANUTS	1	0.0	22,138	22,138	0.0	22,138
2500 OTHER OILSEED CROPS	3	0.0	107,394	107,394	0.0	107,394
2600 TOBACCO	1	0.0	24,000	24,000	0.0	24,000
2700 SUGAR CROPS	4	0.0	16,832	16,832	0.0	16,832
2800 MISC NEW CROPS	9	0.0	521,271	521,271	0.0	521,271
2900 POULTRY	15	0.0	924,192	924,192	0.0	924,192
3000 BEEF CATTLE	20	0.0	1,480,979	1,480,979	0.0	1,480,979
3100 DAIRY CATTLE	24	0.0	1,889,770	1,889,770	0.0	1,889,770
3200 SWINE	14	0.0	996,721	996,721	0.0	996,721
3300 SHEEP AND WOOL	6	0.0	544,432	544,432	0.0	544,432
3400 OTHER ANIMALS	6	0.0	492,172	492,172	0.0	492,172
3600 FARM SUPP & FACILITS	4	0.0	129,396	129,396	0.0	129,396
3800 FOOD	4	0.0	287,887	287,887	0.0	287,887
3900 HOUSING & EQUIP	6	0.0	355,578	355,578	0.0	355,578
4000 PEOPLE AS INDIVIDUAL	4	0.0	60,923	60,923	0.0	60,923
4100 FAMILY MEMBERS	1	0.0	14,550	14,550	0.0	14,550
4300 SOC POLIT ORGANIZ	3	0.0	163,688	163,688	0.0	163,688
4400 AGRIC ECONOMY U S	1	0.0	58,200	58,200	0.0	58,200
4800 MARKETING SYSTEMS	1	0.0	14,550	14,550	0.0	14,550
6100 WEEDS	2	0.0	4,529	4,529	0.0	4,529
6300 BIO CELL SYSTEMS	1	0.0	45,282	45,282	0.0	45,282
6500 INVERTEBRATES	1	0.0	1,842	1,842	0.0	1,842
6600 MICROORGANISMS, VIRUS	2	0.0	100,715	100,715	0.0	100,715
6700 PLANTS	54	0.0	1,934,366	1,934,366	0.0	1,934,366
6800 ANIMALS (VERTEBRATES)	28	0.0	393,805	393,805	0.0	393,805
7000 RSCH EQUIP & TECHNOL	1	0.0	45,282	45,282	0.0	45,282
TOTAL	313	0.0	14,332,567	14,332,567	0.0	14,332,567

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- COOPERATIVE RESEARCH

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CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/CT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 100						
102 SOIL PLMT WTR NUTRI	3	0.0	62,879	62,879	0.0	62,879
103 HGHT OF SALINE SOIL	1	0.0	51,900	51,900	0.0	51,900
104 ALTERN USE OF LAND	2	0.0	84,236	84,236	0.0	84,236
105 CONSERV USE OF WATE	3	0.0	87,600	87,600	0.0	87,600
106 DRAIN AND IRRIGATIO	1	0.0	28,720	28,720	0.0	28,720
107 WATERSHED PROT & MG	2	0.0	160,050	160,050	0.0	160,050
111 BIOL CULT HGHT FORS	1	0.0	59,929	59,929	0.0	59,929
SUBTOTAL	13	0.0	535,314	535,314	0.0	535,314
SERIES 200						
201 CNTRL FORST INSECTS	1	0.0	1,514	1,514	0.0	1,514
202 CONTROL FOREST DIS	1	0.0	1,514	1,514	0.0	1,514
204 CNTR PESTS FRT & VEG	8	0.0	148,798	148,798	0.0	148,798
205 CNTR DISE FRT & VEG	7	0.0	67,359	67,359	0.0	67,359
206 CNTR WEEDS FRT & VE	3	0.0	9,634	9,634	0.0	9,634
207 CNTR PESTS FLD CROP	5	0.0	21,158	21,158	0.0	21,158
208 CNTR DIS FIELD CROP	13	0.0	481,828	481,828	0.0	481,828
209 CNTR WEEDS FLD CROP	8	0.0	82,998	82,998	0.0	82,998
210 CNTR PESTS ANIMALS	5	0.0	317,380	317,380	0.0	317,380
211 CNTR DIS ANIMALS	47	0.0	4,181,690	4,181,690	0.0	4,181,690
212 CNTR INTER PARASITE	4	0.0	470,814	470,814	0.0	470,814
213 PROT ANMLS FROM TOX	6	0.0	531,401	531,401	0.0	531,401
214 PROTECT FROM POLIUT	7	0.0	469,309	469,309	0.0	469,309
SUBTOTAL	115	0.0	6,785,397	6,785,397	0.0	6,785,397
SERIES 300						
301 GENET BREED FORST T	1	0.0	19,976	19,976	0.0	19,976
302 IMP FOREST ENG SYS	1	0.0	17,372	17,372	0.0	17,372
303 ECON TIMBER PRODUCT	1	0.0	34,745	34,745	0.0	34,745
304 IMP BIO EFF FRT & V	5	0.0	114,377	114,377	0.0	114,377
305 MECH PROD FRT & VEG	1	0.0	2,425	2,425	0.0	2,425
306 PROD HGHT SYS F & V	1	0.0	19,950	19,950	0.0	19,950
307 IMP BIO EFF FLD CRP	11	0.0	570,735	570,735	0.0	570,735
308 MECH PROD FIELD CRO	2	0.0	79,620	79,620	0.0	79,620
309 PROD HGHT SYS FLD C	5	0.0	286,960	286,960	0.0	286,960
310 ANIMAL REPRODUCTION	3	0.0	333,000	333,000	0.0	333,000
311 IMP BIO EFF ANML PR	8	0.0	307,886	307,886	0.0	307,886
312 ENV STRESS IN ANML	2	0.0	31,344	31,344	0.0	31,344
313 PROD HGHT SYS ANML	2	0.0	41,600	41,600	0.0	41,600
315 IMP STRUC FARM SUPP	8	0.0	509,718	509,718	0.0	509,718
317 MECH/STRUCTS ANML P	1	0.0	17,017	17,017	0.0	17,017
318 NON-COM BIO TECH/BI	5	0.0	305,283	305,283	0.0	305,283
SUBTOTAL	57	0.0	2,692,008	2,692,008	0.0	2,692,008
SERIES 400						
401 NEW IMP FOREST PROD	3	0.0	266,488	266,488	0.0	266,488
402 PROD F & V IMP ACCE	2	0.0	42,425	42,425	0.0	42,425
403 NEW & IMP P&V PRCD	2	0.0	119,262	119,262	0.0	119,262
407 NEW IMP NON-FOOD FC	11	0.0	615,022	615,022	0.0	615,022
408 MKT QUAL FIELD CROP	1	0.0	39,973	39,973	0.0	39,973
411 IMP NON-FOOD ANMI P	3	0.0	228,364	228,364	0.0	228,364
SUBTOTAL	22	0.0	1,311,534	1,311,534	0.0	1,311,534
SERIES 500						
507 COMP BEL IN AGRIC	2	0.0	37,715	37,715	0.0	37,715
508 DOMESTIC MKT DEVELP	1	0.0	17,100	17,100	0.0	17,100
509 PERFORMANCE MKTG SY	1	0.0	43,650	43,650	0.0	43,650
510 GROUP ACT MKT POWER	1	0.0	14,550	14,550	0.0	14,550
SUBTOTAL	5	0.0	113,015	113,015	0.0	113,015
SERIES 700						
701 TOX RES IN FOOD	44	0.0	1,750,305	1,750,305	0.0	1,750,305
702 FOOD PROT FROM TOX	1	0.0	51,089	51,089	0.0	51,089
707 TRANS ANIHL MAN DI	1	0.0	14,653	14,653	0.0	14,653
SUBTOTAL	46	0.0	1,816,047	1,816,047	0.0	1,816,047
SERIES 800						
802 INDIV & FAN DEC MAK	1	0.0	14,550	14,550	0.0	14,550
803 RURAL POVERTY	1	0.0	10,913	10,913	0.0	10,913
806 ADJUSTMENT TO CHANG	1	0.0	10,913	10,913	0.0	10,913
807 AGRIC ECONOMIC CEAN	1	0.0	58,200	58,200	0.0	58,200
SUBTOTAL	4	0.0	94,575	94,575	0.0	94,575
SERIES 900						
901 ALLEV POLLUTION	12	0.0	319,280	319,280	0.0	319,280
904 WLDLFE AND FISH ECO	4	0.0	482,889	482,889	0.0	482,889
906 ORNAMENT & TURF DEV	1	0.0	634	634	0.0	634
907 RURAL INCOME IMP	2	0.0	58,200	58,200	0.0	58,200
908 RURAL INSTITUT IMP	3	0.0	123,675	123,675	0.0	123,675
SUBTOTAL	22	0.0	984,678	984,678	0.0	984,678
SCIENCE IN SERV OF MAN GRAND TOTAL	284	0.0	14,332,567	14,332,567	0.0	14,332,567

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - COMPETITIVE RESEARCH GRANT OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0600 TIMBER FORST PRODUCT	3	0.0	103,000	103,000	0.0	0
0900 CITRUS SUB TROP FRUT	1	0.0	50,000	50,000	0.0	0
1000 FRUIT NUTS DECIDUOUS	3	0.0	125,000	125,000	0.0	0
1100 POTATOES	4	0.0	230,000	230,000	0.0	0
1200 VEGETABLES	4	0.0	310,000	310,000	0.0	0
1400 CORN	2	0.0	140,000	140,000	0.0	0
1600 RICE	1	0.0	100,000	100,000	0.0	0
1700 WHEAT	1	0.0	74,625	74,625	0.0	0
1800 OTHER SMALL GRAINS	1	0.0	24,875	24,875	0.0	0
2000 FORAGE CROPS	3	0.0	279,000	279,000	0.0	0
2300 SOYBEANS	6	0.0	437,500	437,500	0.0	0
2400 PEANUTS	1	0.0	75,000	75,000	0.0	0
2500 OTHER OILSEED CROPS	1	0.0	20,000	20,000	0.0	0
2600 TOBACCO	1	0.0	35,000	35,000	0.0	0
3800 FOOD	28	0.0	2,813,000	2,813,000	0.0	0
6100 WEEDS	2	0.0	140,000	140,000	0.0	0
6200 SEED RESEARCH	1	0.0	55,000	55,000	0.0	0
6300 BIO CELL SYSTEMS	41	0.0	2,641,025	2,641,025	0.0	0
6500 INVERTEBRATES	7	0.0	272,400	272,400	0.0	0
6600 MICROORGANISMS, VIEUS	48	0.0	3,004,325	3,004,325	0.0	0
6700 PLANTS	54	0.0	3,403,250	3,403,250	0.0	0
TOTAL	213	0.0	14,333,000	14,333,000	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- COMPETITIVE RESEARCH GRANT OFFICE CRGO

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 200						
204 CNTR PESTS FRT & VE	4	0.0	190,000	190,000	0.0	0
205 CNTR DISE FRT & VEG	7	0.0	380,000	380,000	0.0	0
206 CNTR WEEDS FRT & VE	1	0.0	65,000	65,000	0.0	0
207 CNTR PESTS FLD CROP	3	0.0	92,500	92,500	0.0	0
208 CNTR DIS FIELD CROP	13	0.0	813,500	813,500	0.0	0
209 CNTR WEEDS FLD CFOP	1	0.0	50,000	50,000	0.0	0
SUBTOTAL	29	0.0	1,591,000	1,591,000	0.0	0
SERIES 300						
304 IMP BIO EFF FRT & V	4	0.0	315,000	315,000	0.0	0
307 IMP BIO EFF FLD CRP	8	0.0	764,000	764,000	0.0	0
318 NON-COM BIO TECH/BI	127	0.0	8,850,000	8,850,000	0.0	0
SUBTOTAL	139	0.0	9,929,000	9,929,000	0.0	0
SERIES 700						
703 FOOD CONSUMP HABITS	1	0.0	190,000	190,000	0.0	0
708 HUMAN NUTRITION	27	0.0	2,623,000	2,623,000	0.0	0
SUBTOTAL	28	0.0	2,813,000	2,813,000	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	196	0.0	14,333,000	14,333,000	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ECONOMICS STATISTICS COOPERATIVES SERVICES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARE AMOUNT 1980
0100 SOIL AND LAND	19	22.6	1,847,600	1,879,400	0.0	0
0200 WATER	23	31.0	2,420,200	2,452,000	0.0	0
0300 WATERSHEDS RIVER BAS	2	5.0	393,800	393,800	0.0	0
0400 AIR AND CLIMATE	3	0.5	21,500	37,400	0.0	0
0500 RECREATION RESOURCES	3	0.5	21,500	37,400	0.0	0
0700 RANGE	4	1.7	102,000	133,800	0.0	0
0800 WILDLIFE AND FISH	1	0.1	11,650	11,650	0.0	0
0900 CITRUS SUB TROP FRUIT	5	0.6	42,200	42,200	0.0	0
1000 FRUIT NUTS DECIDUOUS	9	2.7	175,300	175,300	0.0	0
1100 POTATOES	2	0.8	67,000	67,000	0.0	0
1200 VEGETABLES	9	3.2	215,000	215,000	0.0	0
1400 CORN	6	3.2	232,080	232,080	0.0	0
1500 GRAIN SORGHUM	4	2.0	138,640	138,640	0.0	0
1600 RICE	4	2.0	138,640	138,640	0.0	0
1700 WHEAT	5	2.6	183,730	183,730	0.0	0
1800 OTHER SMALL GRAINS	5	2.2	157,440	157,440	0.0	0
2100 COTTON	5	2.1	148,700	148,700	0.0	0
2300 SOYBEANS	6	2.9	203,370	203,370	0.0	0
2400 PEANUTS	4	1.8	125,800	125,800	0.0	0
2500 OTHER OILSEED CROPS	4	1.5	107,000	107,000	0.0	0
2600 TOBACCO	3	1.4	97,600	97,600	0.0	0
2700 SUGAR CROPS	9	4.1	268,100	268,100	0.0	0
2800 MISC NEW CROPS	3	2.8	170,400	170,400	0.0	0
2900 POULTRY	4	0.9	81,600	81,600	0.0	0
3000 BEEF CATTLE	6	5.4	411,350	411,350	0.0	0
3100 DAIRY CATTLE	3	2.5	184,650	184,650	0.0	0
3200 SWINE	6	3.1	251,100	251,100	0.0	0
3300 SHEEP AND WOOL	2	0.2	16,650	16,650	0.0	0
3600 FARM SUPP & FACILITS	7	5.1	395,000	395,000	0.0	0
3800 FOOD	3	8.4	636,000	636,000	0.0	0
4000 PEOPLE AS INDIVIDUAL	16	20.1	1,615,250	1,615,250	0.0	0
4100 FAMILY HHHHHS	7	15.0	1,224,750	1,224,750	0.0	0
4200 FARM AS BUSINESS	3	5.7	491,000	491,000	0.0	0
4300 SOC POLIT ORGANIZ	33	23.1	1,588,000	1,711,800	0.0	0
4400 AGRIC ECONOMY U S	33	99.0	8,724,000	8,741,000	0.0	0
4500 AGRIC ECONOMY FORGN	96	113.6	8,196,000	8,196,000	0.0	0
4600 FARM COOPERATIVES	26	9.0	655,900	655,900	0.0	73,100
4800 MARKETING SYSTEMS	4	5.2	1,764,000	1,764,000	0.0	0
6400 EXP DESIGN/STAT METH	3	14.5	1,188,500	1,188,500	0.0	0
6700 PLANTS	9	13.2	1,729,450	1,729,450	0.0	0
6800 ANIMALS (VERTEBRATES)	9	3.9	486,550	486,550	0.0	0
7000 RSCH EQUIP & TECHNOL	2	30.0	5,428,500	5,428,500	0.0	0
TOTAL	410	475.1	42,357,500	42,625,500	0.0	73,100

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- ECONOMICS STATISTICS COOPERATIVES SERVICES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 100						
104 ALTERN USE OF LAND	14	18.4	1,630,400	1,662,200	0.0	0
105 CONSERV USE OF WATE	11	13.0	1,116,600	1,148,400	0.0	0
107 WATERSHED PROT & HG	2	1.0	97,000	97,000	0.0	0
108 ECON LEG PROB OF WA	2	7.1	582,600	582,600	0.0	0
110 APPRAIS FORST & RAN	4	1.7	102,000	133,800	0.0	0
113 REMOTE SENSING	1	25.0	4,783,000	4,783,000	0.0	0
SUBTOTAL	34	66.3	8,311,600	8,407,000	0.0	0
SERIES 200						
204 CNTR PESTS FRT & VE	9	5.5	744,630	744,630	0.0	0
205 CNTR DISE FRT & VEG	9	3.9	518,800	518,800	0.0	0
206 CNTR WEEDS FRT & VE	9	3.8	466,020	466,020	0.0	0
210 CNTR PESTS ANIMALS	9	2.6	335,660	335,660	0.0	0
211 CNTR DIS ANIMALS	9	1.3	150,890	150,890	0.0	0
SUBTOTAL	45	17.1	2,216,000	2,216,000	0.0	0
SERIES 300						
313 PROD MGMT SYS ANML	1	1.0	50,000	50,000	0.0	0
SUBTOTAL	1	1.0	50,000	50,000	0.0	0
SERIES 500						
503 MKTG EFF AGRI PRDCS	4	2.6	228,000	228,000	0.0	0
506 SPLY DEMAND AND PRI	29	60.8	3,870,000	3,870,000	0.0	0
507 COMP REL IN AGRIC	1	0.3	21,000	21,000	0.0	0
509 PERFORMANCE MKTG SY	6	12.3	2,202,000	2,202,000	0.0	0
510 GROUP ACT MKT POWER	25	5.0	455,900	455,900	0.0	73,100
511 IMP AGRIC STATISTIC	3	19.5	1,834,000	1,834,000	0.0	0
SUBTOTAL	68	100.5	8,610,900	8,610,900	0.0	73,100
SERIES 600						
601 PGM MKT DEVELP	95	110.9	7,986,000	7,986,000	0.0	0
602 EVAL PGM FOOD AID P	1	2.7	210,000	210,000	0.0	0
603 TECH AID DEV CRTY	4	5.8	246,000	246,000	0.0	0
SUBTOTAL	100	119.4	8,442,000	8,442,000	0.0	0
SERIES 700						
703 FOOD CONSUMP HABITS	2	7.2	456,000	456,000	0.0	0
704 HOME COMH FOOD SERV	1	0.4	150,000	150,000	0.0	0
SUBTOTAL	3	7.6	606,000	606,000	0.0	0
SERIES 800						
801 RURAL HOUSING	6	4.3	272,000	272,000	0.0	0
804 ECON POTENT RURL PE	7	17.2	1,304,440	1,304,440	0.0	0
805 COMMUNICAT RURL PE	1	1.0	50,000	50,000	0.0	0
806 ADJUSTMENT TO CHANG	7	12.3	1,193,560	1,193,560	0.0	0
807 AGRIC ECONOMIC CHAN	15	54.7	5,792,000	5,809,000	0.0	0
808 GOV'T PROGRAMS	19	36.4	2,889,000	2,889,000	0.0	0
SUBTOTAL	55	125.9	11,501,000	11,518,000	0.0	0
SERIES 900						
901 ALLEV POLLUTION	8	13.7	1,010,500	1,026,400	0.0	0
902 OUTDOOR RECREATION	3	0.5	21,500	37,400	0.0	0
907 RURAL INCOME IMP	13	12.1	805,440	851,440	0.0	0
908 RURAL INSTTUT IMP	24	11.0	782,560	860,360	0.0	0
SUBTOTAL	48	37.3	2,620,000	2,775,600	0.0	0
SCIENCE IN SERV OF MAN						
GRAND TOTAL	354	475.1	42,357,500	42,625,500	0.0	73,100

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARE AMOUNT 1980
0100 SOIL AND LAND	5	10.5	1,526,150	1,815,625	0.0	0
0200 WATER	4	10.1	955,200	1,258,735	0.0	0
0300 WATERSHEDS RIVER BAS	29	80.0	8,404,500	9,838,000	0.0	0
0400 AIR AND CLIMATE	5	7.0	668,150	733,790	0.0	0
0500 RECREATION RESOURCES	19	35.6	4,210,150	5,236,170	0.0	0
0600 TIMBER FORST PRODUCT	188	710.9	78,239,750	84,820,286	0.0	0
0700 RANGE	23	35.9	4,303,230	4,743,354	0.0	0
0800 WILDLIFE AND FISH	29	61.9	6,605,070	7,356,710	0.0	0
3900 HOUSING & EQUIP	4	12.3	1,541,800	1,686,630	0.0	0
TOTAL	306	964.1	106,454,000	117,489,300	0.0	0

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARE AMOUNT 1980
SERIES 100						
102 SOIL PLMT WTR NUTRI	1	1.2	124,800	176,640	0.0	0
105 CONSERV USE OF WATE	1	1.5	153,000	188,950	0.0	0
107 WATERSHED PROT & MG	30	85.4	8,894,750	10,560,625	0.0	0
108 ECON LEG PROB OF WA	1	2.8	380,400	391,440	0.0	0
110 APPRAIS FORST & BAN	12	64.9	11,348,800	12,196,290	0.0	0
111 BIOL CULT NGMT FCBS	59	198.6	18,136,200	20,641,729	0.0	0
112 IMPROV RANGE RESCR	7	14.4	1,582,200	1,787,050	0.0	0
SUBTOTAL	111	368.7	40,620,150	45,942,724	0.0	0
SERIES 200						
201 CNTRL FORST INSECTS	32	96.4	10,551,130	10,959,601	0.0	0
202 CONTROL FOREST DIS	25	55.6	8,192,100	8,722,025	0.0	0
203 FOREST FIRE PROTECT	19	69.3	7,006,450	7,769,330	0.0	0
207 CNTR PESTS FLD CSOP	1	0.5	65,500	65,500	0.0	0
214 PROTECT FROM POLLUT	3	7.6	1,157,000	1,264,950	0.0	0
SUBTOTAL	80	229.3	26,972,180	28,781,406	0.0	0
SERIES 300						
301 GENET BREED FORST T	13	38.4	3,773,700	4,256,240	0.0	0
302 IMP FOREST ENG SIS	5	17.8	1,980,500	2,011,400	0.0	0
303 ECON TIMBER PRODUCT	5	11.2	767,350	778,260	0.0	0
SUBTOTAL	23	67.3	6,521,550	7,045,900	0.0	0
SERIES 400						
401 NEW IMP FOREST PROD	24	113.1	13,430,500	14,308,370	0.0	0
SUBTOTAL	24	113.1	13,430,500	14,308,370	0.0	0
SERIES 500						
502 MKTG TIMBER PRODUCT	7	28.1	2,529,800	2,606,560	0.0	0
512 IMP GRADES FRST PRO	2	9.0	754,000	788,300	0.0	0
513 PRICE ANAL FRST PRO	3	6.2	583,000	603,540	0.0	0
SUBTOTAL	12	43.3	3,866,800	3,998,400	0.0	0
SERIES 600						
601 PGM MKT DEVELP	1	3.0	177,000	177,000	0.0	0
SUBTOTAL	1	3.0	177,000	177,000	0.0	0
SERIES 800						
801 RURAL HOUSING	2	6.0	569,500	607,850	0.0	0
SUBTOTAL	2	6.0	569,500	607,850	0.0	0
SERIES 900						
901 ALLEV POLLUTION	11	18.7	2,117,200	2,455,790	0.0	0
902 OUTDOOR RECREATION	13	26.6	2,574,250	2,837,530	0.0	0
903 MULTI-USE-FOREST PO	14	28.3	3,319,950	4,340,900	0.0	0
904 WILDLIFE AND FISH ECO	25	57.2	5,954,920	6,636,430	0.0	0
905 TREES BEAUTIFICATIO	2	2.5	330,000	357,000	0.0	0
SUBTOTAL	65	133.3	14,296,320	16,627,650	0.0	0
SCIENCE IN SERV OF MAN GRAND TOTAL	318	964.1	106,454,000	117,489,300	0.0	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1182	359.3	6,243,450	41,378,381	*	2,354,050
0200 WATER	718	185.8	2,950,051	21,303,309	*	1,321,750
0300 WATERSHEDS RIVER BAS	147	37.4	651,765	4,438,004	*	376,431
0400 AIR AND CLIMATE	143	37.7	676,198	4,706,077	*	197,477
0500 RECREATION RESOURCES	170	50.1	832,553	4,353,716	*	527,965
0600 TIMBER FORST PRODUCT	1438	529.7	9,609,434	54,373,564	*	5,683,612
0700 RANGE	285	80.6	1,035,749	8,597,560	*	1,003,356
0800 WILDLIFE AND FISH	703	192.0	2,738,648	25,367,704	*	1,156,051
0900 CITRUS SUB TROP FRUT	289	125.7	1,137,579	13,645,964	*	360,325
1000 FRUIT NUTS DECIDUCUS	1019	354.2	6,032,885	38,929,469	*	787,434
1100 POTATOES	297	79.4	1,541,512	9,188,996	*	382,279
1200 VEGETABLES	1357	433.4	8,862,321	46,741,119	*	1,460,651
1300 ORNAMENTALS TURF	610	224.6	3,302,350	21,747,710	*	210,670
1400 CORN	902	200.7	4,393,275	24,697,651	*	1,268,424
1500 GRAIN SORGHUM	318	65.0	794,485	6,850,618	*	160,872
1600 RICE	127	41.5	454,768	4,554,396	*	80,647
1700 WHEAT	657	151.8	2,475,355	17,536,740	*	1,112,541
1800 OTHER SMALL GRAINS	420	81.3	1,660,736	9,612,498	*	480,245
1900 PASTURE	164	33.3	737,077	4,090,553	*	61,945
2000 FORAGE CROPS	921	260.5	5,799,036	30,384,319	*	1,307,062
2100 COTTON	373	132.2	2,298,096	15,337,408	*	761,022
2200 COTTONSEED	20	3.6	54,499	360,271	*	387
2300 SOYBEANS	889	242.0	5,811,330	28,398,313	*	1,949,563
2400 PEANUTS	157	41.8	574,396	4,896,583	*	145,815
2500 OTHER OILSEED CROPS	122	28.4	306,240	3,345,748	*	191,357
2600 TOBACCO	165	63.2	885,919	7,382,957	*	197,087
2700 SUGAR CROPS	164	49.4	946,430	5,430,724	*	49,158
2800 MISC NEW CROPS	140	28.6	554,786	3,580,618	*	100,107
2900 POULTRY	770	261.8	7,724,274	31,691,546	*	907,023
3000 BEEF CATTLE	1395	441.8	13,222,869	75,363,654	*	2,997,545
3100 DAIRY CATTLE	1165	319.5	10,249,652	51,670,323	*	2,079,826
3200 SWINE	634	177.7	6,136,945	29,445,010	*	1,006,686
3300 SHEEP AND WOOL	360	77.9	2,159,604	11,074,695	*	293,942
3400 OTHER ANIMALS	421	102.7	2,875,997	12,346,668	*	489,078
3500 BEES AND HONEY	47	19.3	231,959	1,612,468	*	94,294
3600 FARM SUPP & FACILITS	103	26.4	448,931	3,447,712	*	257,902
3700 CLOTHING & TEXTILES	71	19.4	444,937	1,493,691	*	72,225
3800 FOOD	516	163.4	4,245,739	19,460,045	*	1,643,553
3900 HOUSING & EQUIP	223	62.5	762,297	6,088,889	*	595,483
4000 PEOPLE AS INDIVIDUAL	728	198.8	4,430,526	19,871,261	*	1,663,822
4100 FAMILY MEMBERS	269	78.2	2,115,461	6,735,978	*	481,845
4200 FARM AS BUSINESS	214	68.3	1,683,324	5,355,258	*	350,897
4300 SOC POLIT ORGANIZ	426	118.4	3,708,290	10,832,615	*	702,390
4400 AGRIC ECONOMY U S	112	30.8	637,454	3,060,405	*	341,283
4500 AGRIC ECONOMY FORGM	31	9.4	85,201	796,513	*	216,489
4600 FARM COOPERATIVES	38	6.8	161,093	578,143	*	90,523
4700 OTH MARKET PROCESS	41	7.4	169,364	671,095	*	71,625
4800 MARKETING SYSTEMS	99	30.0	676,561	2,572,769	*	380,386
4900 WEEDS	57	13.1	194,062	1,413,189	*	157,057
6200 SEED RESEARCH	36	10.0	105,121	1,354,988	*	9,611
6300 BIO CELL SYSTEMS	228	85.2	904,550	11,013,270	*	304,300
6400 EXP DESIGN/STAT METH	76	26.3	172,865	3,076,207	*	721,441
6500 INVERTEBRATES	272	104.2	1,103,395	10,941,600	*	220,686
6600 MICROORGANISMS, VIUS	262	93.1	1,057,081	11,659,797	*	370,463
6700 PLANTS	773	233.4	3,356,732	30,731,454	*	2,824,002
6800 ANIMALS (VERTEBRATES)	430	144.8	1,626,409	18,533,405	*	521,220
6900 RESEARCH ON RSCH HGM	34	12.6	113,864	1,594,968	*	90,540
7000 RSCH EQUIP & TECHNOL	108	30.3	203,041	2,799,728	*	156,403
9900 UNCLASSIFIED	66	15.1	1,706,341	4,626,349	*	399,893
TOTAL	23902	7102.0	146,074,860	853,144,666	*	44,200,716

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GR/CA SYS 1980	NITH SAES AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	227	77.6	1,017,346	8,557,936	*	317,857
102 SOIL PLNT WTR NUTRI	615	179.8	3,262,970	20,933,123	*	925,900
103 HGHT OF SALINE SCIL	61	16.3	149,314	1,681,873	*	79,885
104 ALTERN USE OF LAND	187	54.8	910,689	5,308,312	*	569,504
105 CONSERV USE OF WATE	280	69.9	931,112	7,720,090	*	668,165
106 DRAIN AND IRRIGATIO	127	36.7	456,318	4,183,676	*	356,801
107 WATERSHED PROT & NG	179	54.6	802,951	6,446,732	*	627,659
108 ECON LEG PROB OF WA	40	15.7	172,022	1,474,851	*	59,471
109 WEATHER ADAPT & MOD	143	38.5	709,525	4,327,069	*	152,643
110 APPRAIS FORST & RAN	151	32.7	578,413	3,445,728	*	464,569
111 BIOL CULT HGHT FORS	463	141.3	2,778,269	14,416,554	*	1,314,950
112 IMPROV RANGE RESCR	181	52.2	649,093	5,698,985	*	370,138
113 REMOTE SENSING	54	14.1	226,616	1,895,122	*	274,272
114 RSCH ON HGHT OF RSC	32	12.4	113,864	1,405,143	*	80,829
SUBTOTAL	2740	796.7	12,758,504	87,495,192	*	6,262,644
SERIES 200						
201 CNTRL FORST INSECTS	213	56.5	954,958	6,571,974	*	1,408,111
202 CONTROL FOREST DIS	156	42.5	903,589	3,669,072	*	244,624
203 FOREST FIRE PROTECT	11	2.1	8,814	252,343	*	134,109
204 CNTR PESTS FRT & VE	424	134.1	1,914,263	14,695,667	*	781,082
205 CNTR DISE FRT & VEG	699	212.2	3,407,498	23,228,473	*	828,153
206 CNTR WEEDS FRT & VE	179	45.2	740,642	5,087,032	*	212,633
207 CNTR PESTS FLD CROP	552	174.8	3,622,879	19,959,495	*	1,333,017
208 CNTR DIS FIELD CROP	712	226.1	4,501,681	23,610,244	*	1,225,055
209 CNTR WEEDS FLD CROP	332	96.3	1,861,199	12,207,365	*	414,555
210 CNTR PESTS ANIMALS	138	35.4	798,679	3,622,750	*	312,835
211 CNTR DIS ANIMALS	816	302.6	8,288,012	38,528,917	*	3,196,204
212 CNTR INTER PARASITE	118	36.7	934,211	4,415,528	*	302,229
213 PROT ANMLS FROM TOX	126	30.4	659,961	3,610,153	*	185,589
214 PROTECT FROM POLLUT	249	48.6	818,206	7,354,264	*	738,198
SUBTOTAL	4725	1443.5	29,414,590	166,813,276	*	11,316,394
SERIES 300						
301 GENET BREED FORST T	130	43.3	1,256,364	5,249,137	*	386,944
302 IMP FOREST ENG SYS	37	17.1	309,463	1,600,810	*	168,291
303 ECON TIMBER PRODUCT	53	20.5	275,105	2,172,441	*	312,093
304 IMP BIO EFF FRT & V	1028	339.4	6,107,947	39,514,512	*	687,063
305 HECH PROD FRT & VEG	141	34.7	755,951	3,965,302	*	116,763
306 PROD HGHT SYS F & V	97	22.2	277,080	2,210,351	*	63,838
307 IMP BIO EFF FLD CRP	1597	642.4	11,293,533	80,958,132	*	3,389,387
308 HECH PROD FIELD CRO	110	33.2	590,211	3,966,929	*	92,782
309 PROD HGHT SYS FLD C	270	68.0	1,363,866	8,498,452	*	256,887
310 ANIMAL REPRODUCTION	501	179.4	5,860,253	28,727,029	*	406,201
311 IMP BIO EFF ANML PR	1287	473.5	14,803,248	92,238,753	*	2,049,950
312 ENV STRESS IN ANML	194	50.8	1,326,939	7,936,895	*	222,279
313 PROD HGHT SYS ANML	296	71.4	2,029,233	11,122,912	*	230,217
314 BEES OTH POLLNTNG I	47	19.3	231,959	1,612,468	*	94,294
315 IMP STRUC FARM SUPP	132	39.0	612,068	4,853,138	*	531,921
316 FARM BUSINESS HGHT	153	53.0	1,304,349	4,145,176	*	306,608
317 HECH/STRUCTS ANML P	80	19.8	353,283	1,992,896	*	108,334
318 NON-COH BIO TECH/BI	1069	448.4	4,673,323	51,671,536	*	1,317,374
SUBTOTAL	7222	2575.5	53,424,174	352,436,867	*	10,741,228
SERIES 400						
401 NEW IMP FORST PROD	181	102.1	1,349,323	10,230,971	*	540,652
402 PROD F & V IMP ACCE	269	60.4	910,446	6,788,622	*	133,026
403 NEW & IMP FGV PRCD	189	60.7	1,033,964	5,683,072	*	96,619
404 HKT QUAL FRTS & VEG	179	51.4	1,287,746	6,028,005	*	73,781
405 PROD FLD CROP IMP A	266	70.5	1,472,669	8,346,308	*	431,564
406 NEW IMP FOOD FLD CR	141	37.1	935,275	4,590,281	*	333,553
407 NEW IMP NON-FOOD FC	68	18.3	301,778	1,815,787	*	37,419
408 HKT QUAL FIELD CROP	102	20.2	432,134	2,256,807	*	221,092
409 PROD ANML PR IMP AC	164	48.6	2,160,974	6,742,765	*	282,084
410 IMP MEAT MILK EGG P	265	82.3	2,038,359	9,966,337	*	102,237
411 IMP NON-FOOD ANML P	24	5.1	135,040	590,018	*	138,609
412 HKT QUAL ANIMAL PRO	119	27.7	780,726	2,946,989	*	71,975
SUBTOTAL	1967	584.3	12,838,434	65,985,963	*	2,462,611
SERIES 500						
501 IMP GRADES & STANDS	63	18.5	372,574	1,953,321	*	33,448
502 HKTG TIMBER PRODUCT	31	7.7	136,501	588,560	*	64,850
503 HKTG EFF AGRI PRCD	210	53.0	1,489,701	4,424,495	*	477,313
506 SPLY DEMAND AND PRI	162	48.8	1,472,699	4,247,457	*	291,493
507 COMP BEL IN AGRIC	65	13.6	358,314	1,007,787	*	111,628
508 DOMESTIC HKTG DEVELP	45	13.6	176,506	909,559	*	16,538
509 PERFORMANCE HKTG SY	147	46.8	1,107,539	3,834,778	*	441,136
510 GROUP ACT HKT POWER	32	6.1	149,157	552,935	*	60,463
511 IMP AGRIC STATISTIC	38	10.4	104,403	1,446,610	*	602,586
512 IMP GRADES FRST PRO	17	4.3	38,918	351,817	*	26,790
513 PRICE ANAL FRST PRO	25	6.2	84,717	507,955	*	83,773
SUBTOTAL	835	229.1	5,491,029	19,825,274	*	2,210,018
SERIES 600						
601 FGM HKT DEVELP	51	13.1	386,517	1,276,658	*	89,247
602 EVAL FGM FOOD AID P	4	0.7	4,372	77,049	*	19,455
603 TECH AID DEV CRTY	65	25.3	46,814	2,077,870	*	434,666
604 PRD DVLPHY/HKTG PRG	9	0.4	7,399	62,296	*	0
SUBTOTAL	129	39.6	445,102	3,493,874	*	543,369
SERIES 700						
701 TOX RES IN FOOD	218	63.2	1,551,381	9,064,600	*	2,405,212
702 FOOD PROT FROM TOX	213	60.0	1,461,915	7,855,681	*	206,660
703 FOOD CONSUMP HABITS	159	43.3	1,240,968	4,141,895	*	753,640
704 HOME COMM FOOD SERV	44	10.7	278,975	1,037,219	*	16,361
705 SEL CARE CLOTH & TE	63	17.0	358,152	1,309,767	*	72,225
706 CNTR INSECTS AFF H	127	39.8	569,955	4,002,137	*	88,404
707 TRANS ANIML HAN DI	25	8.7	76,245	1,117,000	*	30,438
708 HUMAN NUTRITION	378	123.2	3,303,402	14,387,916	*	1,107,675
709 REDUCE HAZ BLTH & S	65	16.2	324,512	1,859,244	*	282,720
SUBTOTAL	1292	382.2	9,165,505	44,775,459	*	4,963,335

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NAT TOT SAES-FORESTRY SCH-OTHER INST

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	60	21.3	254,925	1,276,615	*	133,754
802 INDIV & FAM DEC MAK	195	55.3	1,369,934	4,731,741	*	218,303
803 RURAL POVERTY	47	12.4	968,539	1,320,486	*	117,523
804 ECON POTENT RURL PE	106	32.9	782,626	2,266,374	*	172,915
805 COMMUNICAT RURAL PE	144	40.8	968,768	4,582,527	*	171,546
806 ADJUSTMENT TO CHANG	177	51.0	1,072,289	3,487,056	*	265,173
807 AGRIC ECONOMIC CHAN	143	39.1	898,973	3,617,584	*	249,811
808 GOV'T PROGRAMS	44	8.2	165,939	759,719	*	54,157
SUBTOTAL	916	260.9	6,481,993	22,042,100	*	1,383,182
SERIES 900						
901 ALLEV POLLUTION	624	197.7	4,200,676	24,716,660	*	1,189,786
902 OUTDOOR RECREATION	159	50.0	796,940	4,292,105	*	494,965
903 MULTI-USE-FOREST PO	91	20.5	432,924	1,901,218	*	216,102
904 WLDLFE AND FLSH ECO	601	160.2	2,331,366	21,861,652	*	967,304
905 TREES BEAUTIFICATIO	111	30.2	431,589	2,908,698	*	237,163
906 ORNAMENT & TURF DEV	589	219.0	3,266,115	20,995,524	*	186,561
907 RURAL INCOME IMP	158	33.1	959,174	2,841,605	*	319,259
908 RURAL INSTTUT IMP	237	64.4	1,930,405	6,132,849	*	306,903
909 UNCLASSIFIED	66	15.1	1,706,341	4,626,349	*	399,893
SUBTOTAL	2636	790.3	16,055,530	90,276,661	*	4,317,935
SCIENCE IN SERV OF MAN GRAND TOTAL	22462	7102.0	146,074,860	853,144,666	*	44,200,716

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CH ADSTND (GROSS) 1980		SARS REGION 1 NORTHEAST REGION (INCLUDES SARS-FORESTRY SCH-OTHER INST) TOTAL FUNDS (GROSS) 1980		USDA COM/ST/CA WITH SARS SIS AMOUNT 1980	
0100 SOIL AND LAND	176	45.0	1,159,066		4,665,537	*	184,776	
0200 WATER	89	22.8	466,624		2,538,228	*	9,676	
0300 WATERSHEDS RIVER EAS	28	4.6	90,017		603,318	*	17,499	
0400 AIR AND CLIMATE	27	5.2	78,637		418,302	*	31,717	
0500 RECREATION RESOURCES	37	11.6	289,362		839,499	*	10,904	
0600 TIMBER FORST PRODUCT	271	99.3	2,131,738		8,924,439	*	1,281,547	
0700 RANGE	3	0.7	68,890		154,524	*	0	
0800 WILDLIFE AND FISH	145	35.1	601,613		4,282,872	*	81,243	
0900 CITRUS SUB TROP FRUIT	5	0.9	26,079		94,304	*	0	
1000 FRUIT NUTS DECIDUCUS	255	90.9	1,969,500		8,681,212	*	229,425	
1100 POTATOES	83	23.6	621,652		2,741,540	*	290,513	
1200 VEGETABLES	234	71.7	1,752,100		6,972,596	*	305,612	
1300 ORNAMENTALS TURF	117	38.1	850,168		3,784,374	*	14,119	
1400 CORN	98	22.8	603,856		2,141,110	*	13,516	
1500 GRAIN SORGHUM	1	0.1	3,227		4,445	*	0	
1600 RICE	5	1.1	6,530		68,159	*	8,310	
1700 WHEAT	26	5.8	124,663		483,316	*	59,097	
1800 OTHER SMALL GRAINS	21	3.0	64,894		277,338	*	15,410	
1900 PASTURE	5	0.8	34,586		117,376	*	805	
2000 FORAGE CROPS	112	30.2	817,053		2,934,975	*	198,195	
2100 COTTON	2	0.3	7,738		13,354	*	0	
2200 COTTONSEED	2	0.1	1,464		7,863	*	0	
2300 SOYBEANS	53	16.3	573,848		1,509,967	*	127,001	
2400 PEANUTS	2	0.0	0		6,677	*	0	
2500 OTHER OILSEED CROPS	2	0.2	4,619		17,475	*	0	
2600 TOBACCO	23	11.6	14,825		700,545	*	162	
2700 SUGAR CROPS	2	0.6	2,265		69,570	*	0	
2800 MISC NEW CROPS	8	1.7	47,852		155,732	*	0	
2900 POULTRY	154	64.6	1,839,148		6,848,045	*	189,953	
3000 BEEF CATTLE	86	16.3	749,851		2,442,623	*	83,907	
3100 DAIRY CATTLE	213	67.1	1,966,525		8,164,578	*	236,288	
3200 SWINE	39	7.5	216,818		1,081,174	*	30,432	
3300 SHEEP AND WOOL	39	8.2	228,264		1,128,206	*	49,168	
3400 OTHER ANIMALS	85	17.5	363,686		2,151,628	*	24,036	
3500 BEES AND HONEY	9	3.2	48,519		190,551	*	0	
3600 FARM SUPP & FACILITS	16	3.2	76,981		469,921	*	23,536	
3700 CLOTHING & TEXTILES	7	1.0	38,848		223,076	*	0	
3800 FOOD	97	28.7	889,313		3,446,894	*	189,273	
3900 HOUSING & EQUIP	43	12.5	182,719		1,617,622	*	98,411	
4000 PEOPLE AS INDIVIDUAL	147	50.9	835,996		4,505,371	*	116,722	
4100 FAMILY MEMBERS	27	18.2	341,227		1,869,771	*	28,647	
4200 FARM AS BUSINESS	19	6.9	179,104		511,561	*	19,991	
4300 SOC POLIT ORGANIZ	90	26.8	886,354		2,464,614	*	203,955	
4400 AGRIC ECONOMY U S	9	1.5	43,219		131,752	*	0	
4500 AGRIC ECONOMY FORGM	5	4.2	6		139,307	*	19,455	
4600 FARM COOPERATIVES	2	0.2	3,475		16,851	*	0	
4700 OTH MARKET PROCESS	5	1.1	18,325		65,934	*	0	
4800 MARKETING SYSTEMS	10	7.1	176,108		545,933	*	29,307	
6100 WEEDS	2	0.4	20,149		44,289	*	0	
6200 SEED RESEARCH	10	2.6	24,188		244,842	*	0	
6300 BIO CELL SYSTEMS	47	18.1	196,915		1,804,134	*	90,273	
6400 EXP DESIGN/STAT METH	11	3.7	36,206		291,430	*	0	
6500 INVERTEBRATES	43	16.1	250,296		1,451,771	*	23,832	
6600 MICROORGANISMS, VIRUS	57	19.6	257,051		1,797,329	*	141,513	
6700 PLANTS	112	35.8	761,759		3,532,045	*	600,219	
6800 ANIMALS (VERTEBRATES)	59	19.5	134,862		1,921,837	*	115,386	
6900 RESEARCH ON RSCH MGM	3	0.2	3,828		498,147	*	21,638	
7000 RSCH EQUIP & TECHNOL	29	11.5	75,979		731,768	*	2,670	
9900 UNCLASSIFIED	12	1.2	454,935		757,351	*	18,105	
TOTAL	3319	1019.2	23,840,516		104,299,003	*	5,236,242	

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA-- SAES REGION 1 NORTHEAST REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	SAES AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	28	8.4	143,944	701,268	*	23,724
102 SOIL PLNT WTR NUTRI	59	15.0	523,533	1,761,902	*	94,400
104 ALTERN USE OF LAND	35	9.7	253,219	1,021,593	*	83,018
105 CONSERV USE OF WATE	16	4.0	99,694	318,325	*	0
106 DRAIN AND IRRIGATIO	6	1.1	21,194	110,969	*	253
107 WATERSHED PROT & MG	25	6.6	89,355	697,649	*	22,148
108 ECON LRG PROB OF BA	4	1.1	5,333	290,930	*	1,038
109 WEATHER ADAPT & MOD	20	4.2	51,580	336,464	*	31,717
110 APPRAIS FORST & BAW	20	3.5	92,235	422,387	*	90,516
111 BIOL CULT HGHT PCRS	78	21.1	507,613	1,830,858	*	330,618
112 IMPROV RANGE RESCR	2	0.5	68,890	144,720	*	0
113 REMOTE SENSING	13	2.4	64,761	185,664	*	292
114 RSCH ON HGHT OF RSC	2	0.2	3,828	323,150	*	11,927
SUBTOTAL	308	77.9	1,925,180	8,145,878	*	689,651
SERIES 200						
201 CNTRL FORST INSECTS	38	13.1	309,646	1,698,254	*	498,000
202 CONTROL FOREST DIS	29	11.6	279,253	931,809	*	58,471
204 CNTR PESTS FRT & VE	95	35.5	577,881	3,357,772	*	278,588
205 CNTR DISE FRT & VEG	119	40.6	923,913	3,857,769	*	213,752
206 CNTR WEEDS FRT & VE	36	7.9	275,542	934,948	*	6,159
207 CNTR PESTS FLD CROP	41	13.1	358,275	1,095,434	*	90,042
208 CNTR DIS FIELD CROP	47	13.4	385,260	1,252,525	*	49,544
209 CNTR WEEDS FLD CROP	21	4.5	176,028	608,154	*	4,393
210 CNTR PESTS ANIMALS	17	4.3	81,198	326,991	*	11,794
211 CNTR DIS ANIMALS	113	44.5	1,246,434	4,929,950	*	303,163
212 CNTR INTER PARASITE	10	2.6	63,757	276,939	*	13,434
213 PROT ANMLS FROM TOX	10	3.3	29,623	210,576	*	11,296
214 PROTECT FROM POLLUT	50	10.7	295,026	1,532,348	*	317,792
SUBTOTAL	626	204.9	5,001,835	21,013,468	*	1,856,429
SERIES 300						
301 GENET BREED FORST T	11	3.7	172,820	399,260	*	3,154
302 IMP FOREST ENG SYS	7	2.4	77,161	141,722	*	3,821
303 ECON TIMBER PRODUCT	7	2.3	32,630	122,952	*	9,525
304 IMP BIO EFF FRT & V	170	48.3	1,162,040	5,241,054	*	105,524
305 MECH PROD FRT & VEG	18	6.1	300,258	765,686	*	997
306 PROD MGMT SYS F & V	14	4.1	68,530	275,369	*	28,424
307 IMP BIO EFF FLD CROP	112	43.6	998,652	3,635,812	*	160,215
308 MECH PROD FIELD CRO	5	1.1	14,472	119,659	*	52
309 PROD MGMT SYS FLD C	20	7.2	180,465	659,068	*	18,015
310 ANIMAL REPRODUCTION	62	18.7	673,524	2,727,836	*	0
311 IMP BIO EFF ANML PR	162	54.4	1,600,189	7,386,917	*	98,252
312 ENV STRESS IN ANML	29	8.5	332,398	1,073,469	*	0
313 PROD HGHT SYS ANML	30	10.5	249,780	1,409,083	*	70,737
314 BEES OTH POLLNTNG I	9	3.2	48,519	190,551	*	0
315 IMP STROC FARM SUPP	30	8.0	187,931	1,225,290	*	105,249
316 FARM BUSINESS MGMT	14	6.6	159,914	457,923	*	19,958
317 MECH/STRUCTS ANML P	9	4.2	83,004	357,796	*	14,775
318 NON-COM BIO TECH/BI	218	90.5	1,038,602	8,232,543	*	354,122
SUBTOTAL	927	323.3	7,380,889	34,421,990	*	992,820
SERIES 400						
401 NEW IMP FOREST PROD	38	22.7	245,611	1,765,005	*	48,303
402 PROD F & V IMP ACCE	36	9.0	124,630	783,125	*	8,090
403 NEW & IMP F&V PRCD	30	10.8	134,484	748,494	*	19,765
404 HKT QUAL FRTS & VEG	47	15.7	591,115	1,821,447	*	42,746
405 PROD FLD CROP IMF A	19	4.1	175,020	450,422	*	44,493
406 NEW IMP FOOD FLD CR	11	3.3	44,118	307,834	*	8,723
407 NEW IMP NON-FOOD FC	4	0.8	5,800	105,670	*	0
408 HKT QUAL FIELD CROP	6	2.0	35,335	114,849	*	28,512
409 PROD ANML PR IMP AC	16	4.5	203,122	650,319	*	13,315
410 IMP MEAT MILK EGG P	45	13.8	332,933	1,731,080	*	15,989
411 IMP NON-FOOD ANML P	1	0.1	0	3,898	*	0
412 HKT QUAL ANIMAL PRO	12	3.8	85,719	450,487	*	0
SUBTOTAL	265	90.5	1,977,885	8,932,631	*	229,935
SERIES 500						
501 IMP GRADES & STANDS	6	1.0	17,193	102,997	*	0
502 MKTG TIMBER PRODUCT	5	0.9	29,202	78,251	*	0
503 MKTG EFF AGRI PRCD	25	9.3	221,944	547,514	*	33,911
506 SPLY DEMAND AND PRI	20	7.7	204,502	484,118	*	13,529
507 COMP REL IM AGRIC	9	4.2	105,648	206,823	*	11,180
508 DOMESTIC MKT DEVELP	9	3.6	42,767	194,402	*	0
509 PERFORMANCE MKTG SY	16	8.5	207,191	628,012	*	47,322
510 GROUP ACT MKT POWER	2	0.2	3,423	22,777	*	0
511 IMP AGRIC STATISTIC	4	1.3	10,780	67,166	*	0
512 IMP GRADES PRST ERO	3	1.0	19,726	66,531	*	4,711
513 PRICE ANAL PRST PRO	2	0.3	9,254	19,986	*	0
SUBTOTAL	101	37.9	871,628	2,418,577	*	110,653
SERIES 600						
601 FGM MKT DEVELP	3	0.5	8,174	55,487	*	0
602 EVAL FGM FOOD AID P	1	0.2	0	33,158	*	19,455
603 TECH AID DEV CRTY	12	6.3	0	638,232	*	116,048
604 PRD DVLPMT/MKTG PRG	2	0.0	0	28,842	*	0
SUBTOTAL	18	7.0	8,174	755,719	*	135,503
SERIES 700						
701 TOX RES IM FOOD	29	13.5	394,159	1,273,798	*	363,739
702 FOOD PROT FROM TOX	25	8.0	278,314	866,302	*	8,831
703 FOOD CONSUMP HABITS	22	7.1	223,921	805,176	*	40,476
704 HOME COMM FOOD SERV	11	2.3	104,172	286,396	*	8,764
705 SEL CARE CLOTH & TE	6	0.8	38,848	209,583	*	0
706 CONTR INSECTS AFF H	39	14.3	265,351	1,066,980	*	27,485
707 TRANS ANML MAN DI	8	4.5	24,343	292,199	*	21,004
708 HUMAN NUTRITION	74	23.1	528,828	2,794,943	*	203,600
709 REDUCE HAZ HLTH & S	10	2.0	30,616	270,981	*	0
SUBTOTAL	224	75.5	1,888,552	7,866,359	*	673,898

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST) USDA CON/GT/CA WITH SAES		
				TOTAL FUNDS (GROSS) 1980	SYS 1980	AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	6	2.2	22,336	279,198	*	0
802 INDIV & FAN DEC MAK	22	15.7	190,428	1,477,870	*	18,281
803 RURAL POVERTY	3	0.2	86,331	92,095	*	5,753
804 ECON POTENT RURAL PE	16	9.6	178,018	593,220	*	14,092
805 COMMUNICAT RURAL PE	45	10.6	152,548	1,297,775	*	41,903
806 ADJUSTMENT TO CHANG	21	11.0	226,210	569,859	*	13,392
807 AGRIC ECONOMIC CHAN	11	0.8	35,852	124,359	*	33
808 GOV'T PROGRAMS	2	0.5	15,053	31,388	*	0
SUBTOTAL	126	50.5	906,775	4,465,764	*	93,454
SERIES 900						
901 ALLEV POLLUTION	142	41.3	795,437	4,530,439	*	87,164
902 OUTDOOR RECREATION	36	11.5	266,534	785,816	*	13,291
903 MULTI-USE-FOREST PO	15	4.3	118,612	497,894	*	23,494
904 WLDLFE AND FISH ECO	124	27.6	519,191	3,459,884	*	73,466
905 TREES BEAUTIFICATIO	22	6.9	143,933	517,390	*	136,941
906 ORNAMENT & TURF DEV	114	37.7	844,705	3,737,580	*	14,119
907 RURAL INCOME IMP	29	8.6	330,855	654,836	*	32,376
908 RURAL INSTITUT IMP	52	12.7	405,396	1,337,430	*	54,946
909 UNCLASSIFIED	12	1.2	454,935	757,351	*	18,105
SUBTOTAL	546	151.8	3,879,597	16,278,618	*	453,900
SCIENCE IN SERV OF MAN						
GRAND TOTAL	3141	1019.2	23,840,516	104,299,003	*	5,236,242

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	SARS REGION 2 SOUTHERN REGION (INCLUDES SARS-FORESTRY SCR-OTHER INST)	
				TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SARS SYS AMOUNT 1980
0100 SOIL AND LAND	336	104.4	2,054,760	11,379,201	* 446,839
0200 WATER	201	56.5	1,119,273	5,577,265	* 429,093
0300 WATERSHEDS RIVER BAS	47	12.6	293,185	1,270,376	* 42,511
0400 AIR AND CLIMATE	19	3.8	68,878	303,436	* 1,646
0500 RECREATION RESOURCES	32	12.0	156,836	1,093,000	* 354,068
0600 TIMBER FORST PRODUCT	435	157.3	3,458,551	16,779,598	* 1,506,510
0700 RANGE	61	18.4	255,290	1,966,960	* 172,797
0800 WILDLIFE AND FISH	243	75.8	1,410,735	10,208,081	* 528,518
0900 CITRUS SUB TROP FRUT	137	72.2	604,974	6,896,921	* 277,327
1000 FRUIT NUTS DECIDUCUS	338	106.7	1,956,310	11,993,454	* 182,164
1100 POTATOES	37	6.8	80,140	657,580	* 523
1200 VEGETABLES	518	190.5	4,216,328	19,984,999	* 565,698
1300 ORNAMENTALS TURF	227	98.6	1,497,986	8,998,274	* 85,580
1400 CORN	276	57.1	1,140,834	6,324,215	* 214,196
1500 GRAIN SORGHUM	153	34.6	435,352	3,154,277	* 30,174
1600 RICE	93	30.0	417,286	3,345,977	* 10,125
1700 WHEAT	146	29.2	529,974	2,798,931	* 62,716
1800 OTHER SMALL GRAINS	102	19.2	642,525	2,041,122	* 213,861
1900 PASTURE	106	24.6	527,193	2,924,317	* 38,202
2000 FORAGE CROPS	342	120.5	2,438,294	13,296,381	* 387,012
2100 COTTON	280	96.3	1,911,008	11,288,454	* 621,916
2200 COTTONSEED	14	2.1	38,240	208,387	* 0
2300 SOYBEANS	455	135.5	3,494,468	16,062,964	* 931,955
2400 PEANUTS	146	40.4	572,582	4,791,860	* 142,900
2500 OTHER OILSEED CROPS	18	3.5	35,063	289,531	* 121
2600 TOBACCO	134	49.8	720,427	6,495,670	* 195,358
2700 SUGAR CROPS	69	34.9	778,156	3,546,949	* 1,277
2800 HISC NEW CROPS	45	7.7	205,398	687,343	* 32,724
2900 POULTRY	322	108.1	3,114,233	13,327,965	* 381,892
3000 BEEF CATTLE	578	193.1	5,949,709	31,513,239	* 1,472,092
3100 DAIRY CATTLE	389	112.4	3,566,405	19,214,426	* 946,501
3200 SWINE	231	74.4	2,659,963	11,048,969	* 325,867
3300 SHEEP AND WOOL	97	16.8	547,222	2,450,624	* 112,968
3400 OTHER ANIMALS	158	44.8	1,571,196	4,984,177	* 305,009
3500 BEES AND HONEY	6	2.2	10,370	104,043	* 16,197
3600 FARM SUPP & FACILITS	25	6.6	56,337	602,398	* 128,320
3700 CLOTHING & TEXTILES	23	6.3	211,637	475,498	* 72,225
3800 FOOD	154	54.5	1,897,536	5,125,433	* 535,953
3900 HOUSING & EQUIP	71	27.3	260,831	1,774,726	* 217,376
4000 PEOPLE AS INDIVIDUAL	249	68.0	2,389,453	6,564,574	* 1,113,712
4100 FAMILY MEMBERS	98	26.2	1,003,868	1,927,578	* 348,448
4200 FARM AS BUSINESS	89	28.6	849,604	1,989,324	* 133,643
4300 SOC POLIT ORGANIZ	121	34.8	1,606,835	2,941,683	* 145,594
4400 AGRIC ECONOMY U S	31	9.5	149,840	892,160	* 77,029
4500 AGRIC ECONOMY FORGN	2	0.1	1,081	10,219	* 0
4600 FARM COOPERATIVES	11	1.7	67,226	154,125	* 6,505
4700 OTH MARKET PROCESS	12	1.5	50,488	193,991	* 1,340
4800 MARKETING SYSTEMS	31	7.4	191,782	670,438	* 144,141
6100 WEEDS	27	4.6	76,894	627,527	* 69,107
6200 SEED RESEARCH	7	2.0	36,160	161,945	* 0
6300 BIO CELL SYSTEMS	40	14.2	154,325	1,551,517	* 40,889
6400 EXP DESIGN/STAT METH	14	6.4	55,079	653,739	* 43,384
6500 INVERTEBRATES	67	24.5	290,045	2,473,291	* 87,263
6600 MICROORGANISMS, VIRUS	57	21.4	260,019	2,683,309	* 56,059
6700 PLANTS	202	63.8	893,607	8,699,563	* 909,643
6800 ANIMALS (VERTEBRATES)	98	16.6	295,672	2,339,601	* 94,550
6900 RESEARCH ON RSCH MGN	7	5.0	18,867	443,014	* 17,398
7000 RSCH EQUIP & TECHNOL	21	3.4	29,105	395,082	* 6,798
9900 UNCLASSIFIED	24	6.8	578,701	1,496,299	* 243,923
TOTAL	8272	2594.0	59,904,137	301,866,000	* 15,529,633

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 2 SOUTHERN REGION
(INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	70	23.8	345,681	2,823,966	*	21,331
102 SOIL PLNT WTR NUTRI	204	62.6	1,125,480	6,574,587	*	215,398
103 MGMT OF SALINE SOIL	18	5.0	45,012	378,340	*	38
104 ALTERN USE OF LAND	40	11.6	204,245	1,104,807	*	40,984
105 CONSERV USE OF WATE	91	20.0	356,424	2,086,425	*	159,096
106 DRAIN AND IRRIGATIO	34	10.1	143,523	988,915	*	46,798
107 WATERSHED PROT & MG	48	14.9	295,278	1,813,825	*	183,501
108 ECON LEG PROB OF WA	5	3.9	56,799	253,862	*	6,116
109 WEATHER ADAPT & MOD	29	4.6	69,484	371,476	*	34,314
110 APPRAIS FORST & RAN	39	10.0	146,166	731,462	*	86,978
111 BIOL CULT MGMT FCRS	151	49.0	1,196,111	4,550,937	*	165,503
112 IMPROV RANGE RESCR	42	11.6	151,497	1,321,612	*	53,858
113 REMOTE SENSING	14	3.4	98,796	530,494	*	60,672
114 RSCH ON MGMT OF RSC	7	5.0	18,867	443,014	*	17,398
SUBTOTAL	792	235.5	4,253,364	23,973,721	*	1,091,986
SERIES 200						
201 CNTRL FORST INSECTS	70	17.6	280,032	2,056,091	*	448,876
202 CONTROL FOREST DIS	48	14.0	272,591	1,070,021	*	35,860
203 FOREST FIRE PROTECT	5	1.0	4,614	151,825	*	100,861
204 CNTR PRSTS FRT & VE	142	40.4	578,540	4,078,258	*	297,793
205 CNTR DISE FRT & VEG	253	77.9	1,035,286	8,123,941	*	249,301
206 CNTR WEEDS FRT & VE	64	17.4	212,088	1,834,250	*	85,347
207 CNTR PRSTS FLD CROP	259	88.3	1,879,146	9,859,060	*	456,302
208 CNTR DIS FIELD CROP	319	109.6	2,032,299	10,471,740	*	557,881
209 CNTR WEEDS FLD CROP	144	48.9	1,040,721	6,046,557	*	138,813
210 CNTR PRSTS ANIMALS	53	16.7	394,222	1,742,253	*	224,661
211 CNTR DIS ANIMALS	233	83.9	2,408,359	9,713,808	*	813,398
212 CNTR INTER PARASITE	55	19.1	300,986	2,054,622	*	181,828
213 PROT ANMLS FROM TOX	42	8.9	333,145	1,354,847	*	52,673
214 PROTECT FROM POLLUT	67	11.8	127,987	1,774,780	*	280,726
SUBTOTAL	1754	555.4	10,900,015	60,332,053	*	3,924,319
SERIES 300						
301 GENET BREED FORST T	49	14.9	539,056	2,226,614	*	65,176
302 IMP FOREST ENG SIS	13	6.0	120,767	753,830	*	43,547
303 ECON TIMBER PRODUCT	18	7.1	136,858	744,481	*	143,879
304 IMP BIO EFF FRT & V	402	139.1	2,831,688	15,666,915	*	276,358
305 MECH PROD FRT & VEG	63	14.3	233,965	1,688,324	*	50,092
306 PROD MGMT SYS F & V	38	9.2	118,112	1,043,012	*	3,695
307 IMP BIO EFF FLD CRP	713	302.1	5,736,750	37,330,351	*	1,073,817
308 MECH PROD FIELD CRO	57	20.8	370,862	2,308,120	*	47,081
309 PROD MGMT SYS FLD C	128	32.0	713,813	4,046,695	*	30,830
310 ANIMAL REPRODUCTION	184	81.3	2,304,125	13,026,004	*	83,695
311 IMP BIO EFF ANML PR	536	189.2	6,691,000	35,735,465	*	1,352,862
312 ENV STRESS IN ANML	77	20.0	364,354	2,545,149	*	137,803
313 PROD MGMT SYS ANML	128	30.6	987,077	4,690,608	*	90,085
314 BEES OTH POLLNTNG I	6	2.2	10,370	104,043	*	16,197
315 IMP STRUC FARM SUPP	38	12.0	126,048	1,037,096	*	145,712
316 FARM BUSINESS MGMT	65	23.9	676,320	1,628,532	*	115,442
317 MECH/STRUCTS ANML P	42	10.5	141,918	1,011,787	*	45,184
318 NON-COM BIO TECH/BI	223	89.6	1,029,808	10,349,865	*	308,122
SUBTOTAL	2780	1004.7	23,132,890	135,936,890	*	4,029,577
SERIES 400						
401 NEW IMP FOREST PROD	45	26.6	499,662	3,075,803	*	192,875
402 PROD F & V IMP ACCE	106	21.3	365,193	2,332,135	*	93,246
403 NEW & IMP FGV PRCD	64	25.0	527,237	2,100,324	*	30,734
404 MKT QUAL FRTS & VEG	45	10.6	201,591	1,040,464	*	0
405 PROD FLD CROP IMF A	108	27.1	499,700	3,034,859	*	138,112
406 NEW IMP FOOD FLD CR	47	11.8	430,079	1,378,235	*	90,055
407 NEW IMP NON-FOOD FC	19	7.9	183,768	541,959	*	8,328
408 MKT QUAL FIELD CROP	30	7.2	106,845	584,554	*	17,424
409 PROD ANML PR IMP AC	70	18.1	1,138,318	2,495,180	*	213,311
410 IMP MEAT MILK EGG F	98	30.1	853,906	4,238,567	*	55,387
411 IMP NON-FOOD ANML P	8	2.2	100,302	345,110	*	136,588
412 MKT QUAL ANIMAL PRO	49	10.7	373,494	1,258,784	*	18,018
SUBTOTAL	689	198.6	5,280,095	22,425,974	*	994,079
SERIES 500						
501 IMP GRADES & STANDS	32	9.1	232,917	1,143,937	*	3,855
502 MKTG TIMBER PRODUCT	15	2.8	70,420	229,062	*	37,677
503 MKTG EFF AGRI FBDS	79	21.2	599,676	1,703,819	*	195,740
506 SPLY DEMAND AND ERI	75	23.3	759,670	1,928,022	*	98,991
507 COMP REL IN AGRIC	27	4.9	113,125	381,436	*	61,512
508 DOMESTIC MKT DEVELP	18	6.3	77,177	423,877	*	9,473
509 PERFORMANCE MKTG SY	62	18.1	524,180	1,414,455	*	113,581
510 GROUP ACT MKT POWER	9	1.6	42,235	126,337	*	6,633
511 IMP AGRIC STATISTIC	8	1.4	47,990	98,310	*	6,572
512 IMP GRADES PRST PRO	2	0.8	9,759	44,470	*	1,097
513 PRICE ANAL PRST PRO	5	1.0	19,471	79,659	*	9,355
SUBTOTAL	332	90.4	2,496,620	7,573,383	*	544,485
SERIES 600						
601 FGM MKT DEVELP	7	1.7	36,303	168,318	*	4,265
603 TECH AID DEV CRTY	12	1.6	11,288	173,460	*	42,466
604 PRD DVLPT/MKTG PRG	3	0.3	2,338	19,032	*	0
SUBTOTAL	22	3.6	49,929	360,809	*	46,731
SERIES 700						
701 TOX RES IN FOOD	68	20.7	697,904	2,790,095	*	652,011
702 FOOD PROT FROM TCI	72	18.0	540,072	2,150,143	*	116,499
703 FOOD CONSUMP HABITS	63	17.4	707,643	1,532,761	*	474,559
704 HOME COHM FOOD SERV	9	2.6	32,833	158,897	*	4,994
705 SEL CARE CLOTH & TE	23	5.8	197,888	442,277	*	72,225
706 CNTR INSECTS AFF H	32	8.2	98,962	1,003,033	*	40,218
707 TRANS ANML HAN DI	6	1.6	7,279	229,449	*	2,939
708 HUMAN NUTRITION	139	41.8	1,404,537	3,999,543	*	533,315
709 REDUCE HAZ HLTH & S	21	7.1	135,255	786,698	*	232,791
SUBTOTAL	433	123.2	3,822,372	13,092,896	*	2,129,549

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 2 SOUTHERN REGION
 (INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA WITH SAES SYS 1980	AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	29	15.6	164,346	574,927	*	132,269
802 INDIV & FAN DEC MAK	57	15.8	761,093	1,303,711	*	181,426
803 RURAL POVERTY	31	9.9	818,691	1,060,024	*	100,703
804 ECON POTENT RURL PE	41	11.4	353,743	728,519	*	155,860
805 COMMUNICAT RURAL PE	27	12.3	576,825	1,480,092	*	75,699
806 ADJUSTMENT TO CHANG	63	17.2	399,384	1,069,046	*	208,187
807 AGRIC ECONOMIC CHAN	46	13.4	309,909	1,176,255	*	80,114
808 GOV'T PROGRAMS	11	2.7	25,984	213,493	*	17,940
SUBTOTAL	305	98.3	3,409,974	7,606,066	*	952,197
SERIES 900						
901 ALLEV POLLUTION	180	68.2	1,823,705	7,282,244	*	464,808
902 OUTDOOR RECREATION	27	12.7	154,325	1,205,397	*	351,183
903 MULTI-USE-FOREST PO	30	5.1	140,365	513,306	*	88,105
904 WLDLFE AND FISH ECO	205	62.0	1,197,890	8,495,445	*	397,730
905 TREES BEAUTIFICATIO	18	4.4	46,659	504,510	*	17,037
906 ORNAMENT & TURF LEV	220	95.9	1,483,770	8,656,174	*	68,543
907 RURAL INCOME IMP	61	11.2	299,379	844,153	*	106,195
908 RURAL INSTITUT IEP	60	18.0	834,084	1,566,680	*	79,187
990 UNCLASSIFIED	24	6.8	578,701	1,496,299	*	243,923
SUBTOTAL	825	284.3	6,558,878	30,564,208	*	1,816,711
SCIENCE IN SERV OF MAN GRAND TOTAL	7932	2594.0	59,904,137	301,866,000	*	15,529,633

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - SARE REGION 3 NORTH CENTRAL REGION

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	SARE REGION 3 NORTH CENTRAL REGION (INCLUDES SARE-FORRESTY SCH-OTHER INST)		
				TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SARE AMOUNT 1980
0100 SOIL AND LAND	348	100.9	1,815,550	13,315,904	*	546,708
0200 WATER	213	43.9	634,771	5,649,613	*	351,651
0300 WATERSHEDS RIVER BAS	30	7.5	139,491	1,156,196	*	52,893
0400 AIR AND CLIMATE	49	13.3	298,950	1,621,447	*	24,760
0500 RECREATION RESOURCES	47	11.0	164,571	929,882	*	62,874
0600 TIMBER FORST PRODUCT	309	94.4	2,106,930	11,257,522	*	671,345
0700 RANGE	49	14.2	156,848	1,346,715	*	80,103
0800 WILDLIFE AND FISH	116	28.8	322,883	3,530,026	*	44,339
0900 CITRUS SUB TROP FBUT	2	0.1	8,229	19,470	*	0
1000 FRUIT NUTS DECIDUOUS	141	53.3	854,215	5,466,652	*	112,718
1100 POTATOES	79	21.8	573,998	2,669,615	*	45,744
1200 VEGETABLES	241	65.1	1,488,985	7,287,852	*	202,530
1300 ORNAMENTALS TURF	123	44.3	536,903	4,175,488	*	63,763
1400 CORN	468	109.6	2,541,561	14,924,665	*	979,630
1500 GRAIN SORGHUM	135	26.1	308,700	3,134,989	*	123,165
1600 RICE	10	5.2	5,418	414,861	*	5,053
1700 WHEAT	293	74.0	1,231,421	8,570,361	*	598,896
1800 OTHER SMALL GRAINS	145	31.0	519,744	3,809,790	*	118,482
1900 PASTURE	29	3.7	130,700	609,936	*	22,937
2000 FORAGE CROPS	231	52.6	1,567,047	7,272,558	*	399,912
2100 COTTON	6	2.8	48,198	234,692	*	18,456
2200 COTTONSEED	1	0.0	1,429	2,575	*	0
2300 SOYBEANS	351	85.3	1,706,361	10,189,266	*	728,525
2400 PEANUTS	3	0.0	1,429	15,712	*	2,915
2500 OTHER OILSEED CROES	58	12.4	183,709	1,256,786	*	48,430
2600 TOBACCO	8	1.8	23,666	186,742	*	1,566
2700 SUGAR CROPS	29	3.4	60,532	668,882	*	15,093
2800 MISC NEW CROPS	30	5.1	141,125	809,211	*	19,893
2900 POULTRY	193	57.1	2,094,647	7,623,610	*	329,623
3000 BEEF CATTLE	404	116.1	3,296,023	25,307,394	*	587,750
3100 DAIRY CATTLE	372	96.0	3,494,466	17,400,030	*	507,740
3200 SWINE	312	87.8	3,044,965	15,591,485	*	589,216
3300 SHEEP AND WOOL	109	22.1	752,113	3,926,776	*	20,872
3400 OTHER ANIMALS	104	23.6	672,631	3,108,588	*	77,092
3500 BEES AND HONEY	7	2.8	33,218	310,828	*	32,555
3600 FARM SUPP & FACILITS	46	14.3	237,945	1,915,788	*	104,125
3700 CLOTHING & TEXTILES	25	8.7	159,954	552,828	*	0
3800 FOOD	158	43.5	938,791	5,814,900	*	186,527
3900 HOUSING & EQUIP	64	13.1	205,659	1,503,228	*	170,943
4000 PEOPLE AS INDIVIDUAL	170	38.8	717,076	4,167,640	*	221,853
4100 FAMILY MEMBERS	99	24.4	575,452	2,222,412	*	89,742
4200 FARM AS BUSINESS	70	22.3	464,784	2,061,090	*	184,331
4300 SOC POLIT ORGANIZ	130	36.1	879,882	3,618,773	*	281,874
4400 AGRIC ECONOMY U S	44	10.9	322,097	1,261,322	*	232,051
4500 AGRIC ECONOMY FORGH	15	2.7	51,491	382,080	*	196,614
4600 FARM COOPERATIVES	18	3.9	83,599	341,119	*	78,925
4700 OTH MARKET PROCESS	16	3.8	82,355	341,335	*	66,945
4800 MARKETING SYSTEMS	45	12.3	278,765	1,027,577	*	172,179
6100 WEEDS	10	4.3	43,426	261,055	*	0
6200 SEED RESEARCH	8	3.3	30,674	673,752	*	0
6300 BIO CELL SYSTEMS	92	35.9	460,354	5,131,905	*	18,264
6400 EXP DESIGN/STAT METH	31	9.1	42,389	1,473,322	*	630,652
6500 INVERTEBRATES	47	15.9	261,614	1,483,986	*	5,712
6600 MICROORGANISMS, VIRUS	86	28.7	393,416	4,541,324	*	92,995
6700 PLANTS	196	61.7	920,580	8,682,603	*	832,837
6800 ANIMALS (VERTEBRATES)	163	44.2	913,623	6,370,670	*	190,147
6900 RESEARCH ON RSCH MGH	13	4.0	65,163	368,118	*	51,504
7000 RSCH EQUIP & TECHNOL	25	5.2	46,261	521,120	*	93,793
9900 UNCLASSIFIED	13	1.9	368,045	1,860,709	*	137,865
TOTAL	6629	1766.2	39,504,821	240,374,777	*	11,527,106

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 3 NORTH CENTRAL REGION

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980		TOTAL FUNDS (GROSS) 1980		USDA COM/GT/CA SYS WITH SAES AMOUNT 1980	
SERIES 100								
101 APPRAIS OF SOIL RES	71	25.9		327,545	3,234,552	*		145,281
102 SOIL PLNT WR NUTRI	198	58.7		1,094,551	7,574,208	*		347,090
103 NGHT OF SALINE SOIL	5	0.4		5,770	67,790	*		0
104 ALTERN USE OF LAND	57	15.1		232,050	1,581,650	*		83,667
105 CONSERV USE OF WATE	70	15.9		178,104	2,171,175	*		251,586
106 DRAIN AND IRRIGATIO	40	9.1		130,828	1,217,182	*		39,914
107 WATERSHED PROT & HG	34	9.5		210,610	1,527,095	*		53,151
108 ECON LEG PROB OF WA	17	7.7		60,694	543,282	*		16,391
109 WEATHER ADAPT & MOD	48	14.1		315,943	1,804,692	*		26,323
110 APPRAIS FORST & RAN	35	7.4		178,779	951,088	*		59,203
111 BIOL CULT NGHT FCBS	100	23.7		549,638	3,007,345	*		95,399
112 IMPROV RANGE RESCR	29	10.4		90,024	912,495	*		51,363
113 REMOTE SENSING	13	3.2		23,087	638,375	*		123,071
114 RSCH ON NGHT OF RSC	13	4.0		65,163	368,118	*		51,504
SUBTOTAL	730	205.0		3,462,786	25,599,046	*		1,343,942
SERIES 200								
201 CNTRL FORST INSECTS	36	7.6		169,781	939,587	*		128,292
202 CONTROL FOREST DIS	37	7.3		140,765	633,142	*		26,223
203 FOREST FIRE PROTECT	2	0.3		0	31,398	*		9,597
204 CNTR PESTS FRT & VE	55	14.9		249,161	1,852,090	*		43,076
205 CNTR DISE FRT & VEG	118	28.2		709,879	3,177,945	*		145,356
206 CNTR WEEDS FRT & VE	23	6.9		67,529	686,943	*		23,470
207 CNTR PESTS FLD CBOP	136	37.5		980,580	4,905,942	*		276,338
208 CNTR DIS FIELD CROP	220	67.6		1,644,349	7,293,418	*		374,414
209 CNTR WEEDS FLD CBOP	92	22.0		416,763	3,511,827	*		158,396
210 CNTR PESTS ANMHLS	44	10.6		239,769	1,173,393	*		73,611
211 CNTR DIS ANMHLS	305	84.2		3,101,885	12,404,753	*		1,050,351
212 CNTR INTER PARASITE	25	6.0		209,182	1,018,788	*		7,795
213 PROT ANHLS FROM TOX	46	11.9		218,552	1,322,696	*		22,369
214 PROTECT FROM POLLUT	61	8.3		192,154	1,457,118	*		23,504
SUBTOTAL	1200	313.2		8,340,350	40,409,040	*		2,362,790
SERIES 300								
301 GENET BREED FORST T	40	9.6		344,969	1,047,495	*		21,882
302 IMP FOREST ENG SYS	4	1.3		12,045	114,876	*		27,457
303 ECON TIMBER PRODUCT	13	3.7		58,983	369,143	*		45,151
304 IMP BIO EFF FRT & V	171	60.5		1,143,426	6,965,417	*		133,322
305 MECH PROD FRT & VEG	22	4.9		142,214	516,565	*		20,999
306 PROD NGHT SYS F & V	20	5.1		48,601	464,390	*		0
307 IMP BIO EFF FLD CRP	461	190.4		3,293,162	26,445,155	*		1,644,908
308 MECH PROD FIELD CRO	34	8.1		168,142	1,013,936	*		7,927
309 PROD NGHT SYS FLD C	86	19.4		363,265	2,720,349	*		133,176
310 ANIMAL REPRODUCTION	158	47.6		1,810,244	8,225,833	*		179,619
311 IMP BIO EFF ANHL PR	382	153.2		4,795,046	36,054,452	*		528,908
312 ENV STRESS IN ANHL	51	11.0		395,247	2,537,177	*		58,841
313 PROD NGHT SYS ANHL	92	18.8		524,356	3,708,555	*		44,022
314 BEES OTH POLLWTNG I	7	2.8		33,218	310,828	*		32,555
315 IMP STRUC FARM SUPP	51	15.7		211,346	1,948,719	*		199,712
316 FARM BUSINESS NGMT	52	16.0		349,048	1,576,355	*		163,055
317 MECH/STRUCTS ANHL P	23	4.6		108,958	543,208	*		48,375
318 NON-COM BIO TECH/BI	301	130.7		1,652,263	16,302,693	*		147,981
SUBTOTAL	1968	703.4		15,454,533	110,865,146	*		3,437,888
SERIES 400								
401 NEW IMP FOREST PROD	30	17.7		321,986	2,462,137	*		156,373
402 PROD F & V IMP ACCR	49	13.2		236,008	1,283,334	*		8,558
403 NEW & IMP F&V PROD	33	6.7		200,505	812,456	*		13,877
404 MKT QUAL FRTS & VEG	28	6.1		215,270	794,105	*		5,247
405 PROD FLD CROP IMF A	91	27.4		531,300	3,145,222	*		135,216
406 NEW IMP FOOD FLD CR	64	17.9		364,996	2,103,231	*		59,503
407 NEW IMP NON-FOOD FC	33	6.7		86,968	769,986	*		9,643
408 MKT QUAL FIELD CROP	50	8.5		245,561	1,202,979	*		143,231
409 PROD ANHL PR IMF AC	51	12.9		539,061	2,473,612	*		41,445
410 IMF HEAT HILK EGG F	92	29.6		722,827	3,012,192	*		30,861
411 IMF NON-FOOD ANHL P	6	0.5		3,333	48,692	*		2,021
412 MKT QUAL ANIMAL PRO	36	8.4		241,715	839,878	*		25,458
SUBTOTAL	563	155.6		3,709,529	18,947,825	*		631,434
SERIES 500								
501 IMP GRADES & STANDS	14	4.3		57,696	352,771	*		14,480
502 MKTG TIMBER PRODUCT	5	1.4		27,002	111,750	*		17,548
503 MKTG EFF AGRI PRCD	69	14.3		467,850	1,584,179	*		167,925
506 SPLY DEMAND AND FRI	30	6.4		247,695	779,448	*		116,661
507 COMP REL IN AGRIC	19	2.4		86,195	290,824	*		38,897
508 DOMESTIC MKT DEVELP	7	1.4		29,634	97,143	*		648
509 PERFORMANCE MKTG SY	45	15.4		261,781	1,231,390	*		254,985
510 GROUP ACT MKT POWER	16	3.0		92,993	319,709	*		49,414
511 IMP AGRIC STATISTIC	20	3.3		27,438	983,298	*		554,372
512 IMP GRADES PRST PRO	3	0.3		2,114	23,997	*		13,580
513 PRICE ANAL PRST PRO	8	1.5		8,926	159,033	*		60,763
SUBTOTAL	236	53.6		1,309,325	5,933,543	*		1,289,273
SERIES 600								
601 FGM MKT DEVELP	28	6.6		253,068	649,784	*		64,632
602 EVAL FGM FOOD AID P	2	0.1		4,372	14,235	*		0
603 TECH AID DEV CRTY	22	11.6		23,162	700,816	*		261,404
SUBTOTAL	52	18.3		280,602	1,364,835	*		326,037
SERIES 700								
701 TOX RES IN FOOD	50	9.5		240,871	1,704,341	*		700,006
702 FOOD PROT FROM TOX	74	18.2		425,088	3,113,276	*		79,061
703 FOOD CONSUMP HABITS	41	7.3		124,111	596,209	*		151,008
704 HOME COHN FOOD SERV	17	4.5		119,245	507,474	*		0
705 SEL CARE CLOTH & TE	21	7.1		92,131	428,929	*		0
706 CONTR INSECTS AFF N	18	4.4		99,516	405,895	*		4,981
707 TRANS ANHNL MAN DI	9	1.5		44,122	441,602	*		6,495
708 HUMAN NUTRITION	93	27.8		1,014,482	3,598,776	*		167,500
709 ENDUCE HAZ HLTH & S	22	3.6		147,384	448,267	*		49,350
SUBTOTAL	345	84.0		2,306,951	11,244,768	*		1,156,408

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 3 NORTH CENTRAL REGION
(INCLUDES SAES-FORESTRY SCR-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS)		USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
				1980	1980		
SERIES 800							
801 RURAL HOUSING	15	1.9	34,015	272,409	*	0	
802 INDIV & FAM DEC MAK	69	16.9	270,315	1,349,150	*	0	
803 RURAL POVERTY	4	0.9	49,298	82,261	*	0	
804 ECON POTENT RURL PE	26	7.1	152,725	585,096	*	756	
805 COMMUNICAT RURAL PE	44	13.5	190,211	1,373,464	*	53,900	
806 ADJUSTMENT TO CHANG	51	14.2	256,468	1,155,897	*	23,147	
807 AGRIC ECONOMIC CHAN	57	15.4	387,072	1,565,105	*	151,888	
808 GOV'T PROGRAMS	20	3.2	84,922	301,766	*	22,881	
SUBTOTAL	286	73.0	1,425,027	6,685,149	*	252,571	
SERIES 900							
901 ALLEV POLLUTION	158	37.7	961,880	5,451,467	*	120,585	
902 OUTDOOR RECREATION	44	10.5	156,348	844,805	*	55,756	
903 MULTI-USE-FOREST PO	17	5.6	67,914	432,342	*	21,660	
904 WLDLFE AND FISH ECO	102	25.8	272,930	3,061,024	*	41,265	
905 TREES BEAUTIFICATIO	41	7.3	155,455	755,914	*	3,563	
906 ORNAMENT & TURF DEV	116	44.3	532,866	4,104,254	*	63,763	
907 RURAL INCOME IMP	33	6.1	188,932	698,267	*	127,009	
908 RURAL INSTITUT IMP	73	20.9	511,348	2,116,644	*	153,297	
909 UNCLASSIFIED	13	1.9	368,045	1,860,709	*	137,865	
SUBTOTAL	597	160.0	3,215,719	19,325,425	*	724,763	
SCIENCE IN SERV OF MAN GRAND TOTAL	5977	1766.2	39,504,821	240,374,777	*	11,527,106	

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - SAES REGION & WESTERN REGION

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTED (GROSS) 1980	SAES REGION & WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
				TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA WITH SAES SYS AMOUNT 1980	
0100 SOIL AND LAND	322	109.0	1,214,075	12,017,739	*	1,175,727
0200 WATER	215	62.6	729,383	7,538,203	*	531,330
0300 WATERSHEDS RIVER BAS	42	12.6	129,073	1,408,114	*	263,528
0400 AIR AND CLIMATE	48	15.3	229,733	2,362,892	*	139,355
0500 RECREATION RESOURCES	54	15.5	221,785	1,491,336	*	100,118
0600 TIMBER FORST PRODUCT	423	178.7	1,912,215	17,412,005	*	2,224,210
0700 RANGE	172	47.3	554,721	5,129,362	*	750,455
0800 WILDLIFE AND FISH	199	52.3	403,417	7,346,726	*	501,951
0900 CITRUS SUB TROP FRUT	145	52.6	498,297	6,635,269	*	82,998
1000 FRUIT NUTS DECIDUCUS	285	103.2	1,252,860	12,788,150	*	263,127
1100 POTATOES	98	27.2	265,723	3,120,261	*	45,500
1200 VEGETABLES	364	106.1	1,404,908	12,495,671	*	386,810
1300 ORNAMENTALS TURF	143	43.6	417,293	4,789,574	*	47,208
1400 CORN	60	11.2	107,023	1,307,661	*	61,082
1500 GRAIN SORGHUM	29	4.2	47,205	556,906	*	7,533
1600 RICE	19	5.1	25,533	725,399	*	57,158
1700 WHEAT	192	42.9	589,297	5,684,132	*	391,832
1800 OTHER SMALL GRAINS	152	28.2	433,572	3,484,248	*	132,493
1900 PASTURE	24	4.2	44,597	438,925	*	0
2000 FORAGE CROPS	236	57.2	976,641	6,880,406	*	321,942
2100 COTTON	85	32.9	331,152	3,800,909	*	120,650
2200 COTTONSEED	3	1.4	13,366	141,446	*	347
2300 SOYBEANS	30	4.9	36,653	636,116	*	162,083
2400 PEANUTS	6	1.4	385	82,335	*	0
2500 OTHER OILSEED CROPS	44	12.3	82,848	1,781,956	*	142,806
2700 SUGAR CROPS	64	10.6	105,477	1,145,324	*	32,789
2800 MISC NEW CROPS	57	14.1	160,411	1,918,332	*	47,490
2900 POULTRY	101	32.1	676,247	3,891,926	*	5,555
3000 BEEF CATTLE	327	116.3	3,227,286	16,100,397	*	853,796
3100 DAIRY CATTLE	191	43.9	1,222,256	6,891,289	*	389,297
3200 SWINE	52	8.1	215,199	1,723,382	*	61,171
3300 SHEEP AND WOOL	115	30.7	632,004	3,569,089	*	110,935
3400 OTHER ANIMALS	74	16.8	268,484	2,102,274	*	82,941
3500 BEES AND HONEY	25	11.1	139,852	1,007,045	*	45,542
3600 FARM SUPP & FACILITS	16	2.4	77,669	459,605	*	1,921
3700 CLOTHING & TEXTILES	16	3.4	34,498	242,289	*	0
3800 FOOD	107	36.7	520,100	5,072,818	*	731,801
3900 HOUSING & EQUIP	45	9.7	113,088	1,193,313	*	108,753
4000 PEOPLE AS INDIVIDUAL	162	41.1	488,000	4,633,676	*	211,535
4100 FAMILY MEMBERS	45	9.4	194,914	716,217	*	15,008
4200 FARM AS BUSINESS	36	10.6	189,832	793,283	*	12,933
4300 SOC POLIT ORGANIZ	85	20.7	335,220	1,807,545	*	70,968
4400 AGRIC ECONOMY U S	28	8.9	122,297	775,171	*	32,204
4500 AGRIC ECONOMY FORGN	9	2.4	32,623	264,907	*	420
4600 FARM COOPERATIVES	7	0.9	6,793	66,049	*	5,093
4700 OTH MARKET PROCESS	8	1.1	18,196	69,834	*	3,340
4800 MARKETING SYSTEMS	13	3.2	29,907	328,821	*	34,759
6100 WEEDS	18	3.8	53,593	480,318	*	87,950
6200 SEED RESEARCH	11	2.2	14,099	274,449	*	9,611
6300 BIO CELL SYSTEMS	49	16.9	92,957	2,525,715	*	154,875
6400 EXP DESIGN/STAT METH	20	7.2	39,192	657,715	*	47,406
6500 INVERTEBRATES	115	47.7	301,439	5,532,552	*	103,879
6600 MICROORGANISMS, VIRUS	62	23.4	146,596	2,637,834	*	79,897
6700 PLANTS	263	72.1	780,786	9,817,243	*	481,303
6800 ANIMALS(VERTEBRATES)	110	64.5	282,252	7,901,296	*	121,136
6900 RESEARCH ON RSCH MGN	11	3.4	26,006	285,690	*	0
7000 RSCH EQUIP & TECHNOL	33	10.2	51,696	1,151,757	*	53,142
9900 UNCLASSIFIED	17	5.2	304,660	511,990	*	0
TOTAL	5682	1722.6	22,825,386	206,604,886	*	11,907,735

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/CF/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	58	19.5	200,175	1,798,151	*	127,521
102 SOIL PLMT WTR NUTRI	154	43.6	519,406	5,022,426	*	269,013
103 MGMT OF SALINE SOIL	38	11.0	98,532	1,235,742	*	79,847
104 ALTERN USE OF LAND	55	18.4	221,175	1,600,261	*	361,835
105 CONSERV USE OF WATE	103	30.0	296,890	3,144,165	*	257,483
106 DRAIN AND IRRIGATIO	47	16.4	160,773	1,866,610	*	269,836
107 WATERSHED PROT & MG	72	23.6	207,707	2,408,164	*	368,859
108 ECON LEG PROB OF WA	14	3.0	49,196	386,777	*	35,926
109 WEATHER ADAPT & MOD	46	15.6	272,518	1,814,437	*	60,289
110 APPRAIS FOREST & RAN	57	11.8	161,235	1,340,791	*	227,872
111 BIOL CULT MGMT PCRS	134	47.5	524,907	5,027,414	*	723,430
112 IMPROV RANGE RESCR	108	29.8	338,682	3,320,158	*	264,917
113 REMOTE SENSING	14	5.2	39,972	540,589	*	90,237
114 RSCH ON MGMT OF ESC	10	3.2	26,006	270,862	*	0
SUBTOTAL	910	278.4	3,117,174	29,776,547	*	3,137,065
SERIES 200						
201 CNTRL FORST INSECTS	69	18.2	195,498	1,878,042	*	332,943
202 CONTROL FOREST DIS	42	9.6	210,981	1,034,100	*	124,069
203 FOREST FIRE PROTECT	4	0.7	4,200	69,121	*	23,651
204 CNTR PESTS FRT & VE	132	43.3	508,681	5,407,547	*	161,626
205 CNTR DISE FRT & VEG	209	65.6	738,420	8,068,818	*	219,744
206 CNTR WEEDS FRT & VE	56	13.1	185,483	1,630,891	*	97,658
207 CNTR PESTS FLD CROP	116	36.0	404,877	4,099,059	*	510,335
208 CNTR DIS FIELD CROP	126	35.6	439,772	4,592,561	*	243,216
209 CNTR WEEDS FLD CROP	75	21.0	227,687	2,040,826	*	112,953
210 CNTR PESTS ANIMALS	24	3.7	83,490	380,113	*	2,770
211 CNTR DIS ANIMALS	165	89.9	1,531,334	11,480,405	*	1,029,293
212 CNTR INTER PARASITE	28	9.1	360,285	1,065,179	*	99,172
213 PROT ANMLS FROM TOX	28	6.3	78,641	722,035	*	99,252
214 PROTECT FROM POLLUT	71	17.8	203,039	2,590,018	*	116,176
SUBTOTAL	1145	369.9	5,172,390	45,058,715	*	3,172,856
SERIES 300						
301 GENET BREED FORST T	30	15.2	199,520	1,575,769	*	296,732
302 IMP FOREST EMG SYS	13	7.5	99,490	590,381	*	93,466
303 ECON TIMBER PRODUCT	15	7.4	46,634	935,866	*	113,538
304 IMP BIO EFF FRT & V	285	91.6	970,793	11,641,126	*	171,859
305 MECH PROD FRT & VEG	38	9.4	79,515	994,726	*	44,675
306 PROD MGMT SYS F & V	25	3.8	41,837	427,579	*	31,719
307 IMP BIO EFF FLD CRP	311	106.3	1,264,969	13,546,814	*	510,447
308 MECH PROD FIELD CRO-	14	3.2	36,734	525,214	*	37,722
309 PROD MGMT SYS FLD C	36	9.3	106,323	1,072,340	*	74,867
310 ANIMAL REPRODUCTION	97	31.8	1,072,359	4,747,356	*	142,887
311 IMP BIO EFF ANML PR	207	76.7	1,717,013	13,061,920	*	69,929
312 ENV STRESS IN ANML	37	11.2	234,940	1,781,100	*	25,635
313 PROD MGMT SYS ANML	46	11.4	268,021	1,314,666	*	25,373
314 BEES OTH POLLNTNG I	25	11.1	139,852	1,007,045	*	45,542
315 IMP STRUC FARM SUPP	13	3.2	86,743	642,033	*	81,249
316 FARM BUSINESS MGMT	22	6.6	119,066	482,366	*	8,154
317 MECH/STRUCTS ANMI P	6	0.6	19,402	80,105	*	0
318 NON-COM BIO TECH/BI	327	137.7	952,649	16,786,436	*	507,149
SUBTOTAL	1547	544.1	7,455,861	71,212,842	*	2,280,943
SERIES 400						
401 NEW IMP FOREST PROD	68	35.1	282,065	2,928,026	*	143,101
402 PROD F & V IMP ACCE	78	16.8	184,614	2,390,028	*	23,131
403 NEW & IMP FGV PRCD	62	18.1	171,739	2,021,797	*	32,242
404 MKT QUAL FRTS & VEG	59	19.0	279,771	2,371,989	*	25,788
405 PROD FLD CROP INF A	48	11.9	266,649	1,715,805	*	113,743
406 NEW IMP FOOD FLD CR	19	4.2	96,082	800,980	*	175,273
407 NEW IMP NON-FOOD FC	12	2.9	25,243	398,173	*	19,448
408 MKT QUAL FIELD CROP	16	2.5	44,393	354,425	*	31,926
409 PROD ANML PR IMP AC	27	13.1	280,473	1,123,655	*	14,013
410 IMP MEAT MILK EGG P	30	8.8	128,693	984,497	*	0
411 IMP NON-FOOD ANML P	9	2.3	31,405	192,318	*	0
412 MKT QUAL ANIMAL PRO	22	4.9	79,798	397,840	*	28,499
SUBTOTAL	450	139.6	1,870,926	15,679,532	*	607,164
SERIES 500						
501 IMP GRADES & STANDS	11	4.2	64,769	353,617	*	15,114
502 MKTG TIMBER PRODUCT	6	2.6	9,878	169,496	*	9,625
503 MKTG EFF AGRIC PRCD	37	8.2	200,230	588,982	*	79,737
506 SPLY DEMAND AND FRI	37	11.5	260,832	1,055,869	*	62,312
507 COMP REL IM AGRIC	10	2.0	53,345	128,705	*	39
508 DOMESTIC MKT DEVELP	11	2.4	26,928	194,138	*	6,417
509 PERFORMANCE MKTG SY	24	4.9	114,387	560,920	*	25,249
510 GROUP ACT MKT POWER	5	1.3	10,506	84,112	*	4,415
511 IMP AGRIC STATISTIC	6	4.4	18,195	297,836	*	41,642
512 IMP GRADES FRST PRO	9	2.3	7,319	216,819	*	7,402
513 PRICE ANAL FRST PRO	10	3.5	47,066	249,277	*	13,655
SUBTOTAL	166	47.1	813,456	3,899,771	*	265,607
SERIES 600						
601 FGN MKT DEVELP	13	4.3	88,973	403,070	*	20,350
602 EVAL FGN FOOD AIL P	1	0.4	0	29,656	*	0
603 TECH AID DEV CRTY	19	5.8	12,364	565,362	*	14,748
604 PRD DVLPT/MKTG PRG	4	0.2	5,061	14,423	*	0
SUBTOTAL	37	10.7	106,398	1,012,511	*	35,098
SERIES 700						
701 TOX RES IN FOOD	71	19.6	218,447	3,296,367	*	689,456
702 FOOD PROT FROM TOX	42	15.8	218,441	1,725,961	*	2,269
703 FOOD CONSUMP HABITS	33	11.6	185,293	1,207,749	*	87,598
704 HOME COMM FOOD SERV	7	1.3	22,724	84,453	*	2,603
705 SEL CARE CLOTH & TE	13	3.3	29,285	228,978	*	0
706 CNTR INSECTS AFF M	38	12.9	106,127	1,526,228	*	15,721
707 TRANS ANML MAN DI	2	1.0	500	153,751	*	0
708 HUMAN NUTRITION	72	30.6	355,556	3,994,653	*	203,253
709 REDUCE HAZ HLTH & S	12	3.5	11,257	353,297	*	580
SUBTOTAL	290	99.5	1,147,629	12,571,436	*	1,001,480

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	SARS REGION 4 WESTERN REGION (INCLUDES SARS-FORESTRY SCH-OTHER INST)		
				TOTAL FUNDS (GROSS) 1980	USDA CON/ST/CA SYS 1980	WITH SARS AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	10	1.6	34,228	150,081	*	1,485
802 INDIV & FAM DEC MAK	47	7.0	148,099	601,010	*	18,596
803 RURAL POVERTY	9	1.4	14,219	86,106	*	11,067
804 ECON POTENT RURL PE	23	4.9	98,140	359,539	*	2,208
805 COMMUNICAT RURAL PE	28	4.4	49,183	431,195	*	44
806 ADJUSTMENT TO CHANG	42	8.6	190,228	692,253	*	20,448
807 AGRIC ECONOMIC CHAN	29	9.4	166,140	751,865	*	17,776
808 GOV'T PROGRAMS	11	1.8	39,980	213,073	*	13,337
SUBTOTAL	199	39.1	740,217	3,285,121	*	84,961
SERIES 900						
901 ALLEV POLLUTION	144	50.4	619,654	7,452,511	*	517,229
902 OUTDOOR RECREATION	52	15.3	219,733	1,456,087	*	74,734
903 MULTI-USE-FOREST PO	29	5.6	106,032	457,677	*	82,843
904 WLDLFE AND FISH ECO	170	44.8	341,355	6,845,299	*	454,843
905 TREES BEAUTIFICATIO	30	11.6	85,542	1,130,885	*	79,622
906 ORNAMENT & TURF DEV	139	41.2	404,773	4,497,517	*	40,136
907 RURAL INCOME IMP	35	7.3	140,008	644,349	*	53,680
908 RURAL INSTITUT IMP	52	12.7	179,578	1,112,096	*	19,473
990 UNCLASSIFIED	17	5.2	304,660	511,990	*	0
SUBTOTAL	668	194.2	2,401,335	24,108,410	*	1,322,561
SCIENCE IM SERV OF MAN	5412	1722.6	22,825,386	206,604,886	*	11,907,735
GRAND TOTAL						

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSDR (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/CF/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1108	334.6	5,353,963	38,978,122	*	1,969,640
0200 WATER	692	169.9	2,547,583	20,280,797	*	1,065,549
0300 WATERSHEDS RIVER FAS	123	30.3	517,446	3,860,853	*	301,300
0400 AIR AND CLIMATE	140	36.1	624,628	4,525,088	*	97,862
0500 RECREATION RESOURCES	132	40.3	690,096	3,521,935	*	372,736
0600 TIMBER FORST PRODUCT	971	353.6	7,838,420	38,179,259	*	3,400,233
0700 RANGE	268	76.7	963,353	8,173,652	*	911,175
0800 WILDLIFE AND FISH	595	166.2	1,991,349	22,304,772	*	726,266
0900 CITRUS SUB TROP PROT	288	125.7	1,137,579	13,645,939	*	360,301
1000 FRUIT NUTS DECIDUCUS	1010	351.7	5,755,629	38,571,487	*	707,964
1100 POTATOES	297	79.4	1,541,512	9,188,996	*	382,279
1200 VEGETABLES	1316	419.3	7,069,588	44,623,934	*	1,168,804
1300 ORNAMENTALS TURF	603	224.3	3,298,318	21,695,945	*	173,885
1400 CORN	898	200.2	4,393,275	24,640,007	*	1,210,780
1500 GRAIN SORGHUM	315	64.8	785,850	6,831,792	*	151,152
1600 RICE	126	41.5	454,768	4,550,331	*	76,582
1700 WHEAT	653	151.0	2,466,606	17,505,232	*	1,089,783
1800 OTHER SMALL GRAINS	406	78.7	1,338,435	9,081,714	*	271,762
1900 PASTURE	162	32.8	574,802	3,908,852	*	42,518
2000 FORAGE CROPS	906	255.2	5,460,138	29,934,679	*	1,204,367
2100 COTTON	365	124.6	2,062,339	14,970,027	*	633,816
2200 COTTONSEED	20	3.6	54,499	360,271	*	387
2300 SOYBEANS	846	223.2	4,442,303	26,329,586	*	1,269,938
2400 PEANUTS	153	38.7	491,805	4,773,385	*	105,208
2500 OTHER OILSEED CROPS	120	28.4	304,099	3,343,587	*	191,337
2600 TOBACCO	163	62.1	850,203	7,261,318	*	111,164
2700 SUGAR CROPS	164	49.4	946,430	5,430,724	*	49,158
2800 MISC NEW CROPS	139	28.6	554,786	3,579,425	*	98,913
2900 POULTRY	747	254.3	7,132,504	30,851,473	*	668,064
3000 BEEF CATTLE	1370	434.2	12,155,038	73,893,322	*	2,595,044
3100 DAIRY CATTLE	1145	316.0	10,030,344	50,791,880	*	1,420,690
3200 SWINE	607	165.5	4,915,704	27,907,529	*	697,680
3300 SHEEP AND WOOL	88	17.4	331,011	2,547,259	*	17,664
3300 SHEEP AND WOOL	262	56.2	1,449,817	7,947,441	*	271,125
3400 OTHER ANIMALS	404	91.8	1,605,604	10,903,347	*	332,289
3500 BEES AND HONEY	47	19.3	231,959	1,612,468	*	94,294
3600 FARM SUPP & FACILITS	96	24.4	427,694	3,288,373	*	131,417
3700 CLOTHING & TEXTILES	64	17.3	358,291	1,333,287	*	0
3800 FOOD	480	151.8	3,481,654	18,272,782	*	1,220,376
3900 HOUSING & EQUIP	213	50.4	720,212	5,825,229	*	462,850
4000 PEOPLE AS INDIVIDUAL	631	169.6	2,810,397	16,535,447	*	497,231
4100 FAMILY MEMBERS	219	64.4	1,070,587	5,230,081	*	21,964
4200 FARM AS BUSINESS	204	64.5	1,423,652	5,036,851	*	292,163
4300 SOC POLIT ORGANIZ	397	110.0	2,852,591	9,900,845	*	628,660
4400 AGRIC ECONOMY U S	109	30.5	623,849	3,012,758	*	307,241
4500 AGRIC ECONOMY FORGM	30	9.4	85,201	796,388	*	216,489
4600 FARM COOPERATIVES	36	6.2	131,359	545,487	*	87,601
4700 OTH MARKET PROCESS	41	7.4	169,364	671,095	*	71,625
4800 MARKETING SYSTEMS	97	29.3	676,561	2,522,861	*	330,478
6100 SEEDS	55	12.7	194,062	1,391,378	*	135,245
6200 SEED RESEARCH	36	10.0	105,121	1,354,988	*	9,611
6300 BIO CELL SYSTEMS	223	80.8	904,550	10,791,056	*	298,774
6400 EXP DESIGN/STAT METH	73	25.7	130,780	3,001,284	*	688,603
6500 INVERTEBRATES	267	103.1	1,032,561	10,810,452	*	200,860
6600 MICROORGANISMS, VIBIOS	255	91.1	1,042,279	11,517,064	*	340,468
6700 PLANTS	754	229.2	3,331,064	30,407,904	*	2,720,731
6800 ANIMALS (VERTEBRATES)	423	142.8	1,607,210	18,379,012	*	468,032
6900 RESEARCH ON RSCH MGM	33	12.6	113,864	1,279,367	*	78,613
7000 RSCH EQUIP & TECHNOL	97	24.0	189,066	2,169,424	*	144,657
9900 UNCLASSIFIED	56	13.7	1,387,435	4,263,793	*	393,355
TOTAL	22534	6626.6	127,231,185	804,843,635	*	33,988,755

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/CT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	213	72.4	951,264	8,105,572	*	286,978
102 SOIL PLNT WTR NUTRI	565	163.5	2,674,709	19,610,604	*	780,950
103 MGMT OF SALINE SOIL	60	16.3	149,314	1,681,834	*	79,847
104 ALTERN USE OF LAND	173	52.5	899,081	5,075,047	*	514,106
105 CONSERV USE OF WATR	273	65.4	881,980	7,402,595	*	656,823
106 DRAIN AND IRRIGATIO	127	36.7	456,318	4,183,676	*	356,801
107 WATERSHED PROT & MG	149	44.9	714,719	5,540,622	*	493,587
108 ECON LEG PROB OF WA	40	15.7	172,022	1,474,851	*	59,471
109 WEATHER ADAPT & MOD	135	35.4	679,515	4,100,517	*	90,567
110 APPRAIS FORST & RAM	110	27.6	444,536	2,923,834	*	381,725
111 BIOL CULT MGMT PCRS	271	87.7	2,077,749	9,019,921	*	495,731
112 IMPROV RANGE RESCR	169	48.9	604,298	5,351,816	*	307,127
113 REMOTE SENSING	41	12.2	150,286	1,664,342	*	191,588
114 RSCH ON MGMT OF RSC	31	12.4	113,864	1,089,542	*	68,902
SUBTOTAL	2357	691.6	10,969,657	77,224,772	*	4,764,202
SERIES 200						
201 CNTRL FORST INSECTS	161	42.3	847,317	5,231,929	*	1,084,349
202 CONTROL FOREST DIS	115	34.7	750,906	2,990,991	*	166,568
203 FOREST FIRE PROTECT	7	1.7	8,814	206,242	*	114,024
204 CNTR PESTS FRT & VE	420	133.7	1,883,510	14,662,744	*	778,912
205 CNTR DISE FRT & VEG	689	210.8	3,289,072	23,038,079	*	756,184
206 CNTR WEEDS FRT & VE	171	44.6	730,299	5,032,166	*	169,366
207 CNTR PESTS FLD CROP	540	171.7	3,490,460	19,695,958	*	1,206,190
208 CNTR DIS FIELD CROP	699	218.3	4,265,863	23,124,882	*	975,511
209 CNTR WEEDS FLD CROP	329	94.5	1,723,147	12,066,722	*	411,965
210 CNTR PESTS ANIMALS	135	34.3	686,224	3,471,378	*	312,835
211 CNTR DIS ANIMALS	233	72.8	2,050,351	8,469,286	*	726,135
212 CNTR DIS ANIMALS	571	222.7	5,988,656	29,587,172	*	2,442,681
213 CNTR INTER PARASITE	117	36.4	934,211	4,370,942	*	257,643
214 PROT ANMLS FROM TOI	124	30.1	635,878	3,586,070	*	185,589
214 PROTECT FROM POLLUT	232	44.8	780,982	6,719,752	*	660,774
SUBTOTAL	4543	1393.5	28,065,690	162,254,313	*	10,248,727
SERIES 300						
301 GENET BREED FORST T	94	29.7	1,113,791	4,079,470	*	98,329
302 IMP FOREST ENG SYS	26	11.4	204,363	1,157,840	*	84,647
303 ECON TIMBER PRODUCT	38	13.3	246,224	1,653,664	*	214,346
304 IMP BIO EFF FRT & V	994	330.7	4,809,157	37,971,419	*	474,686
305 HECH PROD FRT & VEG	139	34.6	735,893	3,941,866	*	116,763
306 PROD MGMT SYS F & V	95	22.2	242,850	2,176,120	*	63,838
307 IMP BIO EFF FLD CRP	1551	626.9	9,996,123	79,076,340	*	2,807,956
308 HECH PROD FIELD CRO	109	33.0	590,211	3,963,551	*	92,782
309 PROD MGMT SYS FLD C	267	67.5	1,307,383	8,424,861	*	239,779
310 ANIMAL REPRODUCTION	481	172.6	4,956,391	27,749,673	*	339,709
311 IMP BIO EFF ANML PR	1243	459.5	12,904,245	89,255,744	*	967,306
312 ENV STRESS IN ANML	192	49.9	1,326,939	7,874,436	*	160,694
313 PROD MGMT SYS ANML	287	67.5	1,646,667	10,641,724	*	131,595
314 BEES OTH POLLNTNG I	47	19.3	231,959	1,612,468	*	94,294
315 IMP STRUC FARM SUPP	125	36.9	590,830	4,693,799	*	405,436
316 FARM BUSINESS MGMT	148	49.9	1,104,508	3,904,185	*	265,458
317 HECH/STRUCTS ANML P	79	19.6	353,283	1,986,140	*	108,334
318 MCM-COM BIO TECH/BI	1039	433.3	4,576,169	50,749,094	*	1,181,569
SUBTOTAL	6954	2477.9	46,936,986	340,912,394	*	7,847,522
SERIES 400						
401 NEW IMP FOREST PROD	119	60.6	1,123,934	6,298,846	*	402,859
402 PROD F & V IMP ACCE	263	58.8	839,302	6,629,253	*	45,479
403 NEW & IMP P&V PROCD	189	60.7	1,033,964	5,683,072	*	96,619
404 MKT QUAL FRTS & VEG	179	51.4	1,287,746	6,028,005	*	73,781
405 PROD FLD CROP IMP A	256	68.6	1,363,834	8,079,715	*	291,402
406 NEW IMP FOOD FLD CR	133	35.4	764,250	4,329,202	*	243,498
407 NEW IMP NON-FOOD PC	68	18.3	301,778	1,815,787	*	37,419
408 MKT QUAL FIELD CROP	102	20.2	432,134	2,256,807	*	221,092
409 PROD ANML PR IMP AC	151	42.5	1,494,295	5,868,514	*	76,439
410 IMP MEAT MILK EGG P	264	82.1	2,009,421	9,937,399	*	102,237
411 IMP NON-FOOD ANML P	22	4.6	47,162	502,140	*	138,609
412 MKT QUAL ANIMAL FRO	116	27.0	666,576	2,822,840	*	61,977
SUBTOTAL	1862	530.1	11,364,397	60,251,580	*	1,791,410
SERIES 500						
501 IMP GRADES & STANDS	63	18.5	372,574	1,953,321	*	33,448
502 MKTG TIMBER PRODUCT	23	4.9	117,275	400,615	*	54,198
503 MKTG EFF AGRI PRCDs	207	51.8	1,489,701	4,330,845	*	383,663
506 SPLY DEMAND AND PRI	161	47.8	1,422,185	4,196,943	*	291,493
507 COMP REL IN AGRIC	65	13.6	358,314	1,007,787	*	111,628
508 DOMESTIC MKT DEVELOP	44	13.5	171,093	904,018	*	16,534
509 PERFORMANCE MKTG SY	146	46.8	1,107,539	3,833,156	*	439,514
510 GROUP ACT MKT POWER	30	5.5	119,423	520,279	*	57,541
511 IMP AGRIC STATISTIC	36	10.1	62,318	1,397,953	*	596,014
512 IMP GRADES FRST FRO	13	3.1	38,918	257,897	*	22,639
513 PRICE ANAL FRST PRO	15	3.1	49,795	270,145	*	69,533
SUBTOTAL	803	218.7	5,309,135	19,072,960	*	2,076,209
SERIES 600						
601 FGN MKT DEVELOP	51	13.1	386,517	1,276,658	*	89,247
602 EVAL FGN FOOD AID P	4	0.7	4,372	77,049	*	19,455
603 TECH AID DEV CRTI	60	22.1	45,032	1,827,991	*	422,017
604 PRD DVLPT/MKTG FRG	9	0.4	7,399	62,296	*	0
SUBTOTAL	124	36.4	443,320	3,243,995	*	530,719
SERIES 700						
701 TOX RES IN FOOD	209	59.0	1,167,720	8,605,655	*	2,329,928
702 FOOD PROT FROM TCX	204	58.0	1,360,390	7,641,607	*	94,110
703 FOOD CONSUMP HABITS	124	32.4	685,502	3,030,542	*	198,575
704 HOME COHN FOOD SERV	41	10.6	265,597	1,018,529	*	11,367
705 SEL CARE CLOTH & TE	56	14.9	271,506	1,149,362	*	0
706 CNTR INSECTS AFF H	127	39.8	569,955	4,002,137	*	88,404
707 TRANS ANML MAN DI	25	8.7	76,245	1,117,000	*	30,438
708 HUMAN NUTRITION	326	102.9	2,054,482	12,528,282	*	498,525
709 REDUCE HAZ HLTH & S	61	13.1	227,216	1,589,260	*	110,032
SUBTOTAL	1173	339.3	6,678,613	40,682,373	*	3,361,380

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
SERIES 800						
801 RURAL HOUSING	54	10.5	212,840	1,107,051	*	7,367
802 INDIV & FAM DEC MAK	173	47.1	683,572	3,829,917	*	24,101
803 RURAL POVERTY	25	5.3	156,277	405,592	*	16,022
804 ECON POTENT RURL PE	86	24.9	513,021	1,844,573	*	20,719
805 COMMUNICAT RURL PE	126	36.4	404,373	3,349,866	*	24,742
806 ADJUSTMENT TO CHANG	158	47.2	953,267	3,146,494	*	47,467
807 AGRIC ECONOMIC CHAN	136	38.0	823,359	3,490,343	*	198,185
808 GOV'T PROGRAMS	44	8.2	165,939	759,719	*	54,157
SUBTOTAL	802	217.5	3,912,649	17,933,554	*	392,759
SERIES 900						
901 ALLEV POLLUTION	586	176.7	3,258,802	23,025,616	*	724,596
902 OUTDOOR RECREATION	124	40.3	659,305	3,506,309	*	337,022
903 MULTI-USE-FOREST PO	66	15.6	291,127	1,390,544	*	147,562
904 WLDLFE AND FISH ECO	504	136.1	1,704,269	19,007,645	*	613,795
905 TREES BEAUTIFICATIO	97	26.2	431,589	2,553,116	*	53,234
906 ORNAMENT & TURF DEV	587	219.0	3,266,115	20,970,410	*	166,813
907 RURAL INCOME IMP	149	32.4	959,174	2,769,547	*	247,200
908 RURAL INSTITUT IMP	229	61.5	1,592,923	5,780,713	*	292,249
990 UNCLASSIFIED	56	13.7	1,387,435	4,263,793	*	393,355
SUBTOTAL	2398	721.6	13,550,738	83,267,693	*	2,975,827
SCIENCE IN SERV OF MAN GRAND TOTAL	2106	6626.6	127,231,185	804,843,635	*	33,988,755

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ALABAMA AUBURN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	9	4.1	79,813	486,170	*	1,461
0200 WATER	5	1.5	29,093	157,194	*	4,052
0500 RECREATION RESOURCES	1	2.0	0	95,252	*	0
0600 TIMBER FORST PRODUCT	27	12.8	370,146	1,169,703	*	54,909
0800 WILDLIFE AND FISH	22	12.5	132,724	1,664,144	*	32,934
1000 FRUIT NUTS DECIDUCUS	12	5.8	130,141	561,902	*	0
1100 POTATOES	4	0.8	5,734	65,326	*	0
1200 VEGETABLES	15	7.3	157,270	534,462	*	1,559
1300 ORNAMENTALS TURF	8	5.4	85,167	410,406	*	0
1400 CORN	11	4.0	73,175	259,604	*	0
1500 GRAIN SORGHUM	6	1.0	16,830	68,401	*	0
1700 WHEAT	4	1.1	6,575	67,678	*	0
1800 OTHER SMALL GRAINS	4	1.0	13,969	70,206	*	0
1900 PASTURE	2	0.8	14,902	80,602	*	0
2000 FORAGE CROPS	13	8.8	188,990	766,052	*	0
2100 COTTON	15	4.6	115,829	510,676	*	10,552
2200 COTTONSEED	1	0.1	6,546	12,156	*	0
2300 SOYBEANS	18	10.2	195,099	978,669	*	5,348
2400 PEANUTS	10	3.4	80,020	352,969	*	8,411
2900 POULTRY	17	8.3	276,398	1,120,828	*	77,510
3000 BEEF CATTLE	32	17.8	413,906	2,323,919	*	136,421
3100 DAIRY CATTLE	18	5.4	146,641	726,706	*	127,673
3200 SWINE	12	8.6	238,898	1,303,204	*	0
3700 CLOTHING & TEXTILES	2	0.7	30,231	51,749	*	0
3800 FOOD	5	1.8	37,102	106,808	*	0
3900 HOUSING & EQUIP	3	1.0	0	137,782	*	19,227
4000 PEOPLE AS INDIVIDUAL	3	1.3	49,408	94,582	*	0
4100 FAMILY MEMBERS	1	0.3	5,359	17,811	*	0
4200 FARM AS BUSINESS	7	0.9	25,215	113,456	*	4,807
4300 SOC POLIT ORGANIZ	5	1.4	68,314	96,818	*	0
4400 AGRIC ECONOMY U S	2	0.2	7,258	24,236	*	0
4800 MARKETING SYSTEMS	4	1.1	76,309	137,148	*	0
6100 WEEDS	1	0.6	8,449	77,342	*	2,873
6500 INVERTEBRATES	3	0.7	8,592	64,407	*	134
6600 MICROORGANISMS, VIRUS	3	1.0	8,922	31,780	*	0
6700 PLANTS	5	4.0	46,951	308,201	*	14,350
6800 ANIMALS (VERTEBRATES)	5	0.9	16,180	63,882	*	850
7000 RSCH EQUIP & TECHNOL	1	0.2	0	1,929	*	173
9900 UNCLASSIFIED	1	0.0	739	739	*	0
TOTAL	317	143.2	3,166,892	15,114,897	*	503,241

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ALASKA FAIRBANKS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	7	0.6	39,145	142,198	*	0
0200 WATER	1	0.0	1,487	1,487	*	0
0300 WATERSHEDS RIVER EAS	1	0.1	5,091	5,091	*	0
0400 AIR AND CLIMATE	2	0.7	54,320	221,317	*	0
0500 RECREATION RESOURCES	1	0.8	17,890	89,957	*	0
0600 TIMBER FORST PRODUCT	4	0.5	118,836	317,732	*	0
0700 RANGE	2	0.0	8,956	17,014	*	0
0800 WILDLIFE AND FISH	3	0.0	12,865	16,323	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.3	13,582	60,345	*	0
1100 POTATOES	1	0.1	0	4,332	*	0
1200 VEGETABLES	2	0.3	12,758	64,470	*	0
1300 ORNAMENTALS TURF	2	0.4	39,311	104,786	*	0
1700 WHEAT	3	0.5	7,122	62,902	*	0
1800 OTHER SMALL GRAINS	7	2.3	58,035	302,050	*	0
1900 PASTURE	2	0.1	24,244	95,665	*	0
2000 FORAGE CROPS	3	0.9	90,505	338,105	*	0
2500 OTHER OILSEED CROPS	3	0.6	16,718	103,793	*	0
3100 DAIRY CATTLE	4	1.0	199,037	665,173	*	0
3200 SWINE	1	0.4	34,436	110,263	*	0
3600 FARM SUPP & FACILITS	1	0.2	55,978	213,990	*	0
3900 HOUSING & EQUIP	1	0.1	11,168	48,835	*	0
4200 FARM AS BUSINESS	1	0.1	1,963	19,774	*	0
6700 PLANTS	1	0.0	0	2,000	*	2,000
6800 ANIMALS (VERTEBRATES)	1	0.0	0	2,000	*	2,000
9900 UNCLASSIFIED	1	0.0	11,026	11,026	*	0
TOTAL	56	9.9	834,472	3,020,626	*	4,000

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ARKANSAS FAYETTEVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GE/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	26	4.4	60,165	691,977	*	17,387
0200 WATER	18	2.8	63,325	376,365	*	19,005
0300 WATERSHEDS RIVER BAS	9	0.9	22,622	83,098	*	6,840
0400 AIR AND CLIMATE	6	0.4	8,012	38,798	*	0
0600 TIMBER FORST PRODUCT	29	9.0	264,282	930,818	*	62,638
0700 RANGE	3	0.9	23,845	41,385	*	0
0800 WILDLIFE AND FISH	4	0.6	17,236	69,988	*	2,912
1000 FRUIT NUTS DECIDUCUS	26	5.6	140,685	862,860	*	0
1100 POTATOES	1	0.0	0	6,119	*	0
1200 VEGETABLES	26	5.7	193,430	797,370	*	0
1300 ORNAMENTALS TURF	9	2.0	45,072	199,548	*	0
1400 CORN	8	0.9	19,495	119,725	*	8,276
1500 GRAIN SORGHUM	11	1.1	17,372	131,493	*	3,738
1600 RICE	21	4.9	65,504	898,976	*	3,995
1700 WHEAT	11	2.0	44,995	278,230	*	304
1800 OTHER SMALL GRAINS	4	0.6	15,572	96,044	*	251
1900 PASTURE	6	0.5	16,431	115,467	*	801
2000 FORAGE CROPS	16	1.9	29,623	258,981	*	1,213
2100 COTTON	30	10.5	217,778	1,380,422	*	29,294
2300 SOYBEANS	44	15.7	280,656	2,455,847	*	6,637
2400 PEANUTS	1	0.1	0	17,364	*	0
2800 MISC NEW CROPS	3	0.4	11,997	29,976	*	0
2900 POULTRY	37	10.3	304,991	1,078,042	*	88
3000 BEEF CATTLE	38	7.6	238,380	1,416,476	*	13,460
3100 DAIRY CATTLE	23	3.9	191,801	833,910	*	7,595
3200 SWINE	17	2.1	53,137	300,667	*	176
3300 SHEEP AND WOOL	9	0.8	25,440	99,004	*	0
3400 OTHER ANIMALS	14	1.4	29,521	137,998	*	0
3600 FARM SUPP & FACILITS	1	0.2	7,086	10,322	*	0
3700 CLOTHING & TEXTILES	3	0.5	15,138	39,894	*	0
3800 FOOD	5	1.1	29,599	89,403	*	0
3900 HOUSING & EQUIP	6	2.6	6,557	239,075	*	0
4000 PEOPLE AS INDIVIDUAL	10	2.6	36,493	286,542	*	2,220
4100 FAMILY MEMBERS	5	1.7	11,143	134,123	*	0
4200 FARM AS BUSINESS	2	0.3	10,402	26,188	*	713
4300 SOC POLIT ORGANIZ	6	2.1	89,528	180,747	*	9,045
4600 FARM COOPERATIVES	1	0.1	1,798	5,175	*	0
4700 OTH MARKET PROCESS	1	0.1	1,798	5,175	*	0
4800 MARKETING SYSTEMS	1	0.1	2,397	6,900	*	0
6400 EXP DESIGN/STAT METH	1	0.2	407	20,591	*	0
6500 INVERTEBRATES	5	1.6	24,966	125,158	*	4,825
6600 MICROORGANISMS, VIRUS	5	0.7	24,135	65,363	*	0
6700 PLANTS	8	1.4	22,716	454,053	*	357,249
6800 ANIMALS (VERTEBRATES)	5	1.3	11,067	104,132	*	26,715
7000 RSCH EQUIP & TECHNOL	1	0.0	0	5,929	*	0
9900 UNCLASSIFIED	1	0.5	0	267,300	*	76
TOTAL	517	113.8	2,696,597	15,813,017	*	585,452

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ARIZONA TUCSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GE/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	24	9.2	103,962	846,923	*	290,816
0200 WATER	22	6.3	66,912	627,931	*	106,274
0300 WATERSHEDS RIVER BAS	3	1.9	6,278	298,926	*	116,035
0400 AIR AND CLIMATE	3	0.9	10,740	80,220	*	0
0500 RECREATION RESOURCES	7	3.8	35,525	368,711	*	41,606
0600 TIMBER FORST PRODUCT	15	3.8	35,616	336,384	*	72,984
0700 RANGE	15	4.1	47,424	417,766	*	104,178
0800 WILDLIFE AND FISH	6	1.9	23,675	248,989	*	32,645
0900 CITRUS SUB TROP FRUT	11	5.7	35,858	596,461	*	51,522
1000 FRUIT NUTS DECIDUCUS	9	1.8	19,902	177,486	*	4,023
1100 POTATOES	2	0.3	1,156	42,627	*	5,950
1200 VEGETABLES	28	11.4	101,745	1,192,745	*	46,096
1300 ORNAMENTALS TURF	12	2.8	17,007	313,472	*	4,265
1400 CORN	1	0.0	1,789	2,605	*	0
1500 GRAIN SORGHUM	4	0.7	15,639	186,286	*	3,559
1700 WHEAT	10	2.2	16,120	222,242	*	4,050
1800 OTHER SMALL GRAINS	9	1.5	18,749	166,319	*	0
2000 FORAGE CROPS	14	2.7	67,731	628,108	*	1,032
2100 COTTON	29	15.5	150,316	1,964,062	*	66,244
2200 COTTONSEED	2	1.4	12,982	134,737	*	387
2300 SOYBEANS	3	0.4	4,022	41,145	*	49
2500 OTHER OILSEED CROPS	3	0.9	8,584	105,474	*	37,214
2700 SUGAR CROPS	7	1.2	5,160	127,774	*	11,545
2800 MISC NEW CROPS	7	2.3	28,221	575,311	*	8,352
2900 POULTRY	6	1.5	40,255	238,716	*	2,158
3000 BEEF CATTLE	22	8.1	146,155	908,000	*	48,114
3100 DAIRY CATTLE	16	6.1	111,278	583,511	*	33,911
3200 SWINE	9	1.3	19,500	64,931	*	8,967
3300 SHEEP AND WOOL	3	0.2	7,580	27,035	*	0
3400 OTHER ANIMALS	7	3.0	62,545	280,772	*	34,404
3700 CLOTHING & TEXTILES	2	0.2	5,872	12,637	*	0
3800 FOOD	4	0.9	19,872	218,404	*	0
3900 HOUSING & EQUIP	4	0.2	1,412	16,067	*	0
4000 PEOPLE AS INDIVIDUAL	13	1.6	13,304	319,452	*	0
4100 FAMILY MEMBERS	13	3.8	39,540	298,595	*	0
4200 FARM AS BUSINESS	3	1.8	2,982	80,058	*	0
4300 SOC POLIT ORGANIZ	3	0.0	404	45,518	*	0
4400 AGRIC ECONOMY U S	1	0.1	994	2,854	*	0
4500 AGRIC ECONOMY FORGN	1	0.1	1,400	8,464	*	0
4600 FARM COOPERATIVES	2	0.5	4,245	26,315	*	0
4700 OTH MARKET PROCESS	3	0.8	8,472	49,475	*	0
4800 MARKETING SYSTEMS	1	0.5	4,604	40,778	*	0
6200 SEED RESEARCH	1	0.0	878	5,679	*	0
6300 BIO CELL SYSTEMS	1	0.9	27,239	136,234	*	0
6400 EXP DESIGN/STAT METH	1	1.1	0	65,113	*	0
6500 INVERTEBRATES	5	1.8	7,850	163,655	*	0
6700 PLANTS	9	2.0	30,102	196,812	*	14,348
6800 ANIMALS (VERTEBRATES)	7	5.6	45,690	854,833	*	207
6900 RESEARCH ON RSCH MCH	1	0.0	0	29,813	*	0
7000 RSCH EQUIP & TECHNOL	3	1.0	3,420	59,282	*	1,303
TOTAL	387	125.4	1,440,704	14,435,704	*	1,152,239

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - CALIFORNIA BERKELEY SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	93	32.1	208,971	4,380,884	*	253,284
0200 WATER	61	15.0	107,951	2,225,300	*	148,410
0300 WATERSHEDS RIVER EAS	5	1.1	18,906	132,789	*	25,499
0400 AIR AND CLIMATE	17	5.5	34,942	911,300	*	19,518
0500 RECREATION RESOURCES	11	3.0	40,296	282,187	*	630
0600 TIMBER FORST PRODUCT	92	34.4	354,522	4,027,901	*	292,521
0700 RANGE	30	8.9	44,984	1,097,916	*	85,746
0800 WILDLIFE AND FISH	57	17.6	85,055	2,871,691	*	133,413
0900 CITRUS SUB TROP FRUT	77	28.9	195,623	4,613,071	*	31,441
1000 FRUIT NUTS DECIDUCUS	116	44.2	293,418	6,213,314	*	92,873
1100 POTATOES	15	4.1	25,425	455,314	*	9,730
1200 VEGETABLES	117	32.9	216,500	4,957,568	*	135,041
1300 ORNAMENTALS TURF	44	11.9	37,273	1,797,229	*	21,350
1400 CORN	12	3.0	29,122	546,251	*	45,939
1500 GRAIN SORGHUM	7	0.8	7,584	149,288	*	307
1600 RICE	15	5.0	25,533	702,058	*	51,692
1700 WHEAT	23	5.6	53,539	750,200	*	73,286
1800 OTHER SMALL GRAINS	22	3.5	36,620	532,885	*	10,039
1900 PASTURE	5	0.8	3,920	69,452	*	0
2000 FORAGE CROPS	44	11.8	91,601	1,730,438	*	47,343
2100 COTTON	42	12.9	73,470	1,597,628	*	46,760
2300 SOYBEANS	10	2.2	17,696	273,577	*	11,962
2400 PEANUTS	1	0.1	0	7,569	*	0
2500 OTHER OILSEED CROES	16	7.4	31,983	996,151	*	69,393
2700 SUGAR CROPS	9	1.4	9,784	281,264	*	5,253
2800 MISC NEW CROPS	6	0.7	8,238	85,266	*	2,655
2900 POULTRY	45	12.8	141,835	1,492,953	*	3,397
3000 BEEF CATTLE	67	13.5	228,898	2,385,699	*	200,239
3100 DAIRY CATTLE	58	10.3	178,085	1,497,267	*	239,933
3200 SWINE	5	0.9	8,100	95,642	*	210
3300 SHEEP AND WOOL	26	4.8	56,847	592,279	*	12,922
3400 OTHER ANIMALS	26	5.6	51,553	936,309	*	5,646
3500 BEES AND HONEY	11	5.2	26,104	580,517	*	9,177
3600 FARM SUPP & FACILITS	3	0.7	0	65,578	*	0
3700 CLOTHING & TEXTILES	10	2.8	23,688	205,588	*	0
3800 FOOD	53	16.3	149,714	2,624,277	*	585,391
3900 HOUSING & EQUIP	11	2.4	9,682	444,801	*	3,597
4000 PEOPLE AS INDIVIDUAL	77	22.8	188,379	2,939,975	*	63,993
4100 FAMILY MEMBERS	5	0.7	10,000	57,314	*	0
4200 FARM AS BUSINESS	8	1.4	17,067	131,352	*	4,534
4300 SOC POLIT ORGANIZ	17	3.9	26,673	357,962	*	0
4400 AGRIC ECONOMY U S	11	2.3	11,185	158,291	*	11,595
4500 AGRIC ECONOMY FORGN	7	1.6	31,223	211,959	*	420
4600 FARM COOPERATIVES	2	0.3	2,500	24,291	*	4,415
4700 OTH MARKET PROCESS	2	0.1	1,913	8,278	*	0
4800 MARKETING SYSTEMS	8	1.1	7,564	85,470	*	13,528
6100 WEEDS	5	1.6	19,468	267,850	*	82,335
6200 SEED RESEARCH	2	0.3	0	63,053	*	0
6300 BIO CELL SYSTEMS	36	13.0	32,521	1,830,697	*	71,586
6400 EXP DESIGN/STAT METH	9	5.0	8,300	358,584	*	41,642
6500 INVERTEBRATES	81	36.8	200,806	4,534,620	*	58,094
6600 MICROORGANISMS,VIRUS	38	15.0	87,279	1,841,950	*	49,336
6700 PLANTS	143	43.7	280,467	6,431,691	*	336,730
6800 ANIMALS(VERTEBRATES)	61	21.8	98,060	2,669,820	*	53,340
6900 RESEARCH ON RSCH EGM	4	1.9	15,186	124,533	*	0
7000 RSCH EQUIP & TECHNOL	10	3.3	4,498	299,626	*	0
9900 UNCLASSIFIED	2	0.9	1,000	77,940	*	0
TOTAL	1790	548.0	3,971,547	75,084,653	*	3,466,143

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - COLORADO FT COLLINS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	33	11.3	108,770	1,149,924	*	215,400
0200 WATER	42	13.8	131,155	1,803,534	*	183,173
0300 WATERSHEDS RIVER EAS	6	2.8	17,103	363,525	*	24,402
0400 AIR AND CLIMATE	8	1.6	0	321,996	*	4,043
0500 RECREATION RESOURCES	2	0.5	0	19,903	*	0
0600 TIMBER FORST PRODUCT	12	2.4	41,114	453,824	*	33,879
0700 RANGE	9	5.4	65,223	744,324	*	44,908
0800 WILDLIFE AND FISH	5	0.7	0	103,108	*	0
1000 FRUIT NUTS DECIDUCUS	10	3.9	106,252	439,384	*	23,409
1100 POTATOES	10	6.4	55,273	490,396	*	1,123
1200 VEGETABLES	12	4.5	89,436	371,022	*	1,467
1300 ORNAMENTALS TURF	6	2.5	11,848	259,715	*	7,715
1400 CORN	7	1.7	18,060	100,646	*	9,050
1500 GRAIN SORGHUM	3	0.7	13,090	46,262	*	3,667
1600 RICE	1	0.1	0	2,262	*	0
1700 WHEAT	13	3.5	5,311	476,089	*	9,718
1800 OTHER SMALL GRAINS	10	2.3	37,181	268,960	*	55,057
2000 FORAGE CROPS	13	3.4	56,710	542,894	*	82,326
2200 COTTONSEED	1	0.0	385	6,709	*	0
2300 SOYBEANS	4	0.2	13,165	157,352	*	91,482
2400 PEANUTS	1	0.0	385	6,709	*	0
2500 OTHER OILSEED CROPS	2	0.1	385	18,064	*	11,356
2700 SUGAR CROPS	7	2.1	18,276	131,783	*	7,566
2800 MISC NEW CROPS	2	1.6	0	74,690	*	0
2900 POULTRY	4	1.1	86,722	128,518	*	0
3000 BEEF CATTLE	26	17.0	611,043	2,952,784	*	295,975
3100 DAIRY CATTLE	11	1.9	40,317	296,079	*	24,744
3200 SWINE	6	0.6	29,582	193,411	*	45,208
3300 SHEEP AND WOOL	10	2.4	60,352	428,718	*	15,316
3400 OTHER ANIMALS	4	0.1	8,208	28,294	*	0
3600 FARM SUPP & FACILITS	2	0.1	2,698	5,623	*	39
3700 CLOTHING & TEXTILES	1	0.1	4,827	10,308	*	0
3800 FOOD	6	1.6	36,578	145,731	*	0
3900 HOUSING & EQUIP	3	0.9	0	154,309	*	73,614
4000 PEOPLE AS INDIVIDUAL	7	0.5	11,045	43,495	*	757
4100 FAMILY MEMBERS	4	0.4	14,219	29,333	*	252
4200 FARM AS BUSINESS	4	0.3	17,013	39,381	*	69
4300 SOC POLIT ORGANIZ	15	2.7	36,393	456,711	*	126
4400 AGRIC ECONOMY U S	2	1.8	2,876	194,991	*	14,672
6100 NEEDS	1	0.2	7,236	29,243	*	5,615
6200 SEED RESEARCH	2	1.0	2,894	71,592	*	9,611
6700 PLANTS	11	2.4	37,398	229,346	*	21,159
6800 ANIMALS (VERTEBRATES)	6	25.7	48,426	3,108,766	*	42,353
6900 RESEARCH ON RSCH HGM	3	0.4	0	60,838	*	0
7000 RSCH EQUIP & TECHNOL	5	1.4	11,055	212,840	*	24,445
9900 UNCLASSIFIED	1	0.0	83,388	83,388	*	0
TOTAL	353	133.6	1,941,389	17,256,767	*	1,383,694

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - CONNECTICUT NEW HAVEN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	3	0.8	2,142	52,635	*	325
0200 WATER	4	2.9	31,490	212,796	*	325
0300 WATERSHEDS RIVER EAS	1	0.2	7,519	14,829	*	0
0600 TIMBER FORST PRODUCT	11	8.1	106,573	468,003	*	0
1000 FRUIT NUTS DECIDUCUS	8	3.3	31,159	188,092	*	487
1100 POTATOES	3	1.3	26,411	78,324	*	0
1200 VEGETABLES	7	1.9	23,182	112,405	*	0
1300 ORNAMENTALS TURF	10	2.9	20,055	161,530	*	1,949
1400 CORN	5	1.1	8,445	75,211	*	0
1800 OTHER SMALL GRAINS	1	0.1	817	7,542	*	0
2000 FORAGE CROPS	1	0.0	0	1,038	*	0
2300 SOTBEANS	5	3.1	121,806	228,026	*	0
2600 TOBACCO	8	4.4	74,864	271,277	*	162
2800 MISC NEW CROPS	1	0.1	1,509	6,897	*	0
3100 DAIRY CATTLE	1	0.3	1,215	27,615	*	0
3400 OTHER ANIMALS	2	0.8	4,480	47,520	*	0
3700 CLOTHING & TEXTILES	1	0.2	0	13,493	*	0
3800 FOOD	2	0.8	15,463	57,278	*	0
4000 PEOPLE AS INDIVIDUAL	4	2.0	59,933	119,680	*	0
6300 BIO CELL SYSTEMS	2	0.6	6,115	37,573	*	0
6700 PLANTS	2	1.6	4,078	97,212	*	0
9900 UNCLASSIFIED	2	0.0	73,499	73,499	*	0
TOTAL	84	36.5	620,754	2,352,475	*	3,249

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - CONNECTICUT STORRS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	3	0.7	16,073	43,213	*	0
0200 WATER	3	0.2	2,930	8,098	*	0
0400 AIR AND CLIMATE	3	0.1	6,376	16,237	*	0
0500 RECREATION RESOURCES	3	0.5	6,071	30,306	*	0
0600 TIMBER FORST PRODUCT	5	0.6	28,854	48,344	*	0
1000 FRUIT NUTS DECIDUCUS	2	0.3	11,998	20,522	*	0
1100 POTATOES	4	0.3	12,609	35,101	*	0
1200 VEGETABLES	6	1.2	52,288	103,473	*	0
1300 ORNAMENTALS TURF	3	1.3	28,552	80,556	*	0
1400 CORN	4	0.6	18,703	63,664	*	0
2000 FORAGE CROPS	5	1.0	37,332	110,443	*	0
2600 TOBACCO	1	0.1	1,600	6,499	*	0
2900 POULTRY	12	4.2	115,263	320,245	*	6,071
3000 BEEF CATTLE	4	1.2	20,021	135,948	*	0
3100 DAIRY CATTLE	10	2.5	63,162	254,475	*	9,748
3200 SWINE	1	0.1	1,600	6,499	*	0
3300 SHEEP AND WOOL	4	1.6	18,313	150,114	*	0
3400 OTHER ANIMALS	9	3.4	80,865	253,091	*	0
3500 BEES AND HONEY	1	0.3	11,998	11,998	*	0
3600 FARM SUPP & FACILITS	1	0.0	2,764	5,603	*	0
3800 FOOD	2	0.3	14,550	29,734	*	0
3900 HOUSING & EQUIP	2	0.2	4,265	13,184	*	0
4000 PEOPLE AS INDIVIDUAL	11	2.8	64,002	170,517	*	0
4100 FAMILY MEMBERS	1	0.2	1,321	1,321	*	0
4300 SOC POLIT ORGANIZ	4	2.4	40,985	92,359	*	0
4400 AGRIC ECONOMY U S	1	0.1	1,600	6,499	*	0
6700 PLANTS	2	0.0	0	17,882	*	3,674
6800 ANIMALS (VERTEBRATES)	2	0.6	4,125	37,341	*	0
7000 RSCH EQUIP & TECHNOL	2	0.9	23,294	77,863	*	0
9900 UNCLASSIFIED	1	0.0	52,737	148,763	*	0
TOTAL	112	27.8	744,248	2,299,892	*	19,493

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - DIST OF COLUM WASHINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1	0.0	25,034	25,034	*	0
0500 RECREATION RESOURCES	1	0.0	12,554	12,554	*	0
1200 VEGETABLES	1	0.0	25,034	25,034	*	0
4000 PEOPLE AS INDIVIDUAL	1	0.0	283	283	*	0
9900 UNCLASSIFIED	1	0.0	7,907	7,907	*	0
TOTAL	5	0.0	70,812	70,812	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - DELAWARE NEWARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	4	1.0	49,200	94,926	*	0
0200 WATER	7	1.1	45,523	105,417	*	0
0300 WATERSHEDS RIVER EAS	3	0.2	0	63,852	*	0
0500 RECREATION RESOURCES	1	0.1	9,924	9,924	*	0
0600 TIMBER FORST PRODUCT	4	1.0	35,756	91,853	*	0
0800 WILDLIFE AND FISH	2	0.7	24,347	58,032	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.1	5,027	5,714	*	0
1100 POTATOES	4	0.2	5,523	20,942	*	1,612
1200 VEGETABLES	11	2.7	101,355	216,535	*	0
1300 ORNAMENTALS TURF	3	0.1	12,334	58,446	*	0
1400 CORN	14	3.7	121,794	292,505	*	0
1500 GRAIN SORGHUM	1	0.1	3,227	4,445	*	0
1700 WHEAT	2	0.1	3,724	5,923	*	0
2300 SOYBEANS	7	1.7	43,232	166,508	*	0
2900 POULTRY	16	8.1	204,589	906,323	*	60,069
3000 BEEF CATTLE	2	0.0	497	38,353	*	0
3100 DAIRY CATTLE	5	1.5	112,327	319,988	*	0
3200 SWINE	3	0.5	7,511	112,441	*	0
3400 OTHER ANIMALS	2	0.4	13,760	24,183	*	0
3500 BEES AND HONEY	1	0.4	17,139	33,040	*	0
3600 FARM SUPP & FACILITS	2	0.2	17,566	75,474	*	0
3800 FOOD	1	0.1	10,655	18,063	*	0
4000 PEOPLE AS INDIVIDUAL	5	1.3	25,874	82,770	*	0
4100 FAMILY MEMBERS	1	0.1	7,603	7,603	*	0
4300 SOC POLIT ORGANIZ	3	0.8	53,659	60,615	*	0
4400 AGRIC ECONOMY U S	3	0.1	4,381	22,116	*	0
6700 PLANTS	7	1.6	16,499	126,203	*	14,181
6800 ANIMALS (VERTEBRATES)	1	0.1	1,904	4,407	*	0
7000 RSCH EQUIP & TECHNOL	1	0.0	0	2,874	*	0
TOTAL	117	27.8	954,926	3,029,473	*	75,862

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FLORIDA GAINESVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	52	19.3	66,103	1,924,266	*	16,253
0200 WATER	40	12.5	51,527	1,245,033	*	5,852
0300 WATERSHEDS RIVER EAS	5	2.1	4,612	233,924	*	9,396
0400 AIR AND CLIMATE	2	1.2	8,721	71,585	*	0
0500 RECREATION RESOURCES	1	0.1	0	9,785	*	0
0600 TIMBER FORST PRODUCT	29	16.8	271,991	1,817,225	*	173,998
0700 RANGE	3	1.5	4,475	166,545	*	21,925
0800 WILDLIFE AND FISH	19	9.2	35,336	1,276,756	*	61,450
0900 CITRUS SUB TROP FRUIT	83	48.4	168,531	5,151,487	*	261,619
1000 FRUIT NUTS DECIDUOUS	56	14.9	63,192	1,570,322	*	32
1100 POTATOES	10	2.3	5,472	201,551	*	0
1200 VEGETABLES	128	50.4	162,510	4,789,195	*	75,275
1300 ORNAMENTALS TURF	59	30.3	144,205	2,784,891	*	10,037
1400 CORN	38	6.1	42,941	648,375	*	352
1500 GRAIN SORGHUM	17	1.7	3,638	184,981	*	352
1600 RICE	1	0.0	155	5,702	*	0
1700 WHEAT	12	1.0	3,948	91,206	*	101
1800 OTHER SMALL GRAINS	11	1.0	961	80,141	*	0
1900 PASTURE	19	4.4	20,412	478,644	*	1,078
2000 FORAGE CROPS	60	19.6	179,013	2,088,607	*	107,399
2100 COTTON	1	0.1	1,268	9,630	*	0
2300 SOYBEANS	45	10.0	66,974	1,019,148	*	32,873
2400 PEANUTS	22	5.1	37,767	480,272	*	0
2500 OTHER OILSEED CROPS	1	0.0	382	1,015	*	101
2600 TOBACCO	12	1.9	3,298	188,814	*	0
2700 SUGAR CROPS	6	1.5	2,895	234,489	*	0
2800 MISC NEW CROPS	4	0.2	8,699	39,606	*	0
2900 POULTRY	21	6.6	72,142	716,673	*	3,381
3000 BEEF CATTLE	69	24.7	137,011	3,453,886	*	113,570
3100 DAIRY CATTLE	40	13.2	196,643	1,987,132	*	12,690
3200 SWINE	17	3.9	38,134	812,902	*	1,686
3300 SHEEP AND WOOL	5	1.1	12,821	148,991	*	1,569
3400 OTHER ANIMALS	21	5.7	44,695	735,958	*	16,346
3500 BEES AND HONEY	1	1.5	9,711	42,863	*	0
3600 FARM SUPP & FACILITS	1	0.0	0	1,964	*	0
3800 FOOD	14	3.7	37,237	631,914	*	5,484
3900 HOUSING & EQUIP	6	2.6	14,225	240,290	*	0
4000 PEOPLE AS INDIVIDUAL	11	8.3	23,633	1,053,933	*	0
4100 FAMILY MEMBERS	7	1.5	15,636	109,308	*	0
4200 FARM AS BUSINESS	5	3.6	3,058	205,934	*	0
4300 SOC POLIT ORGANIZ	4	1.4	886	172,536	*	393
4400 AGRIC ECONOMY U S	4	3.8	6,115	261,090	*	9,891
4600 FARM COOPERATIVES	1	0.0	0	639	*	0
4700 OTH MARKET PROCESS	1	0.0	0	799	*	0
4800 MARKETING SYSTEMS	1	0.4	2,631	27,193	*	1,579
6100 WEEDS	7	2.2	9,558	189,071	*	0
6300 BIO CELL SYSTEMS	3	0.4	852	37,403	*	0
6400 EXP DESIGN/STAT METH	1	3.0	7,329	371,432	*	10,546
6500 INVERTEBRATES	8	4.6	50,013	503,039	*	31,519
6600 MICROORGANISMS, VIRUS	14	4.3	109,417	460,910	*	0
6700 PLANTS	25	12.8	62,560	1,425,880	*	107,479
6800 ANIMALS (VERTEBRATES)	10	1.0	7,812	193,714	*	0
7000 RSCH EQUIP & TECH&OL	5	0.7	502	133,378	*	0
9900 UNCLASSIFIED	1	0.0	12,976	12,976	*	0
TOTAL	1039	372.8	2,234,621	40,725,004	*	1,094,223

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - GEORGIA					ATHENS	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	19	6.1	127,206	669,863	*	12,946
0200 WATER	9	1.2	13,893	124,266	*	4,277
0300 WATERSHEDS RIVER BAS	2	1.2	3,349	191,119	*	689
0400 AIR AND CLIMATE	1	0.3	1,670	23,289	*	1,646
0600 TIMBER FORST PRODUCT	27	13.5	364,173	1,464,981	*	236,370
0700 RANGE	1	0.0	0	1,245	*	0
0800 WILDLIFE AND FISH	6	4.4	108,723	492,697	*	0
1000 FRUIT NUTS DECIDUCUS	44	15.8	319,085	1,755,493	*	51,793
1100 POTATOES	1	0.1	1,990	6,707	*	0
1200 VEGETABLES	53	16.4	313,661	1,963,395	*	93,166
1300 ORNAMENTALS TURF	19	8.0	120,304	669,132	*	7,394
1400 CORN	32	6.2	168,908	897,866	*	13,134
1500 GRAIN SORGHUM	12	2.4	67,995	263,165	*	1,666
1700 WHEAT	15	2.8	72,709	267,128	*	1,417
1800 OTHER SMALL GRAINS	10	2.9	57,077	243,486	*	3,305
1900 PASTURE	7	1.0	7,888	140,428	*	2,666
2000 FORAGE CROPS	32	8.9	249,884	1,112,581	*	13,387
2100 COTTON	12	2.0	20,407	484,811	*	5,856
2200 COTTONSEED	3	0.5	3,472	28,905	*	0
2300 SOYBEANS	41	8.2	232,481	1,158,166	*	53,745
2400 PEANUTS	30	6.9	69,516	894,501	*	3,240
2500 OTHER OILSEED CROPS	1	0.1	935	6,210	*	0
2600 TOBACCO	7	1.9	6,711	241,320	*	12,446
2700 SUGAR CROPS	1	0.0	1,281	4,165	*	0
2800 MISC NEW CROPS	3	0.0	11,456	18,765	*	3,124
2900 POULTRY	49	9.4	220,646	1,694,107	*	20,518
3000 BEEF CATTLE	32	9.6	265,073	2,655,805	*	4,407
3100 DAIRY CATTLE	27	7.1	186,729	1,872,588	*	0
3200 SWINE	17	4.6	81,108	852,739	*	1,595
3300 SHEEP AND WOOL	1	0.3	14,256	30,141	*	0
3500 BEES AND HONEY	2	0.2	659	21,916	*	16,197
3600 FARM SUPP & FACILITS	3	0.6	1,063	102,564	*	0
3800 FOOD	16	7.3	176,641	702,754	*	8,274
3900 HOUSING & EQUIP	10	1.9	21,539	146,566	*	0
4000 PEOPLE AS INDIVIDUAL	9	1.9	18,791	130,624	*	0
4100 FAMILY MEMBERS	5	0.7	1,517	27,726	*	0
4200 FARM AS BUSINESS	7	1.7	18,659	157,989	*	0
4300 SOC POLIT ORGANIZ	4	0.6	25,854	54,725	*	0
4400 AGRIC ECONOMY U S	3	0.9	6,260	84,682	*	17,318
4600 FARM COOPERATIVES	1	0.1	1,770	22,123	*	0
6100 WEEDS	1	0.0	0	16,214	*	3,511
6300 BIO CELL SYSTEMS	1	0.6	296	64,862	*	17,100
6400 EXP DESIGN/STAT METH	2	0.3	1,733	14,240	*	0
6500 INVERTEBRATES	1	0.0	138	60,956	*	25,687
6600 MICROORGANISMS, VIRUS	5	0.5	26,437	57,771	*	0
6700 PLANTS	24	6.2	106,179	919,258	*	53,603
6800 ANIMALS (VERTEBRATES)	2	0.0	0	8,245	*	0
6900 RESEARCH ON BSCH HGM	1	0.1	490	14,772	*	0
7000 RSCH EQUIP & TECHNOL	3	0.5	7,138	41,510	*	0
9900 UNCLASSIFIED	1	1.0	0	34,279	*	34,279
TOTAL	615	167.0	3,527,749	22,912,837	*	724,755

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - GUAM					AGANA	SAES
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1	1.0	62,847	120,332	*	0
0600 TIMBER FORST PRODUCT	1	0.4	17,668	17,668	*	0
0800 WILDLIFE AND FISH	1	0.8	29,042	55,858	*	0
0900 CITRUS SUB TROP FRUIT	7	1.3	76,575	131,265	*	0
1000 FRUIT NUTS DECIDUCUS	2	0.0	4,531	8,181	*	0
1200 VEGETABLES	9	3.2	150,046	240,860	*	3,013
1300 ORNAMENTALS TURF	3	1.5	65,104	120,224	*	0
2800 MISC NEW CROPS	3	0.1	10,040	19,068	*	0
3200 SWINE	1	0.1	20,219	33,906	*	0
4300 SOC POLIT ORGANIZ	1	0.2	3,233	3,530	*	0
6700 PLANTS	1	0.1	0	1,346	*	1,346
9900 UNCLASSIFIED	1	0.0	3,226	3,226	*	0
TOTAL	31	8.7	442,530	755,464	*	4,359

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - HAWAII HONOLULU SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	16	5.0	58,106	328,566	*	0
0200 WATER	9	1.8	42,704	173,087	*	2,043
0300 WATERSHEDS RIVER BAS	2	0.1	2,116	8,943	*	0
0400 AIR AND CLIMATE	1	0.3	4,087	12,054	*	0
0600 TIMBER FORST PRODUCT	9	1.1	37,251	135,527	*	8,189
0700 RANGE	5	0.7	12,293	55,577	*	36
0800 WILDLIFE AND FISH	10	3.1	5,333	289,859	*	0
0900 CITRUS SUB TROP FRUIT	50	16.7	190,242	1,294,472	*	36
1000 FRUIT NUTS DECIDUCUS	19	3.5	48,161	383,109	*	0
1100 POTATOES	2	0.3	902	21,845	*	0
1200 VEGETABLES	48	13.4	119,803	1,316,427	*	26,401
1300 ORNAMENTALS TURF	29	11.2	123,360	871,875	*	143
1400 CORN	10	3.4	35,658	384,961	*	0
1600 RICE	1	0.0	0	15,614	*	0
1900 PASTURE	2	0.9	5,566	77,692	*	0
2000 FORAGE CROPS	10	1.8	13,644	140,641	*	0
2300 SOYBEANS	4	0.4	511	29,334	*	0
2400 PEANUTS	2	0.2	0	7,200	*	0
2500 OTHER OILSEED CROES	2	0.1	0	18,170	*	0
2700 SUGAR CROPS	11	2.2	25,372	136,646	*	0
2800 MISC NEW CROPS	6	1.1	15,779	154,030	*	0
2900 POULTRY	4	2.8	24,079	202,015	*	0
3000 BEEF CATTLE	14	3.4	37,649	381,634	*	0
3100 DAIRY CATTLE	9	1.4	37,272	249,494	*	16,893
3200 SWINE	5	0.7	3,507	76,870	*	3,197
3400 OTHER ANIMALS	2	0.2	0	11,417	*	0
3600 FARM SUPP & FACILITS	2	0.5	0	49,655	*	0
3700 CLOTHING & TEXTILES	2	0.3	0	9,008	*	0
3800 FOOD	9	4.1	24,890	270,714	*	0
3900 HOUSING & EQUIP	6	1.4	27,495	139,078	*	6,227
4000 PEOPLE AS INDIVIDUAL	8	2.1	17,655	84,050	*	0
4100 FAMILY MEMBERS	4	1.2	18,423	40,934	*	0
4200 FARM AS BUSINESS	1	0.2	4,013	9,128	*	0
4300 SOC POLIT ORGANIZ	1	0.0	0	1,010	*	0
4400 AGRIC ECONOMY U S	2	1.1	9,363	34,316	*	0
4500 AGRIC ECONOMY FORGN	1	0.6	0	44,484	*	0
4800 MARKETING SYSTEMS	1	0.7	7,038	25,508	*	0
6100 WEEDS	1	0.1	2,723	8,781	*	0
6200 SEED RESEARCH	1	0.0	0	517	*	0
6300 BIO CELL SYSTEMS	2	0.3	4,191	101,713	*	57,012
6500 INVERTEBRATES	5	0.9	0	111,492	*	38,008
6600 MICROORGANISMS, VIRUS	5	0.5	0	38,153	*	4,475
6700 PLANTS	9	1.2	8,061	142,306	*	2,599
6800 ANIMALS (VERTEBRATES)	2	0.0	0	4,716	*	196
6900 RESEARCH ON RSCH HGM	1	0.2	0	14,828	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	0	18,684	*	10,047
9900 UNCLASSIFIED	2	2.8	0	36,565	*	0
TOTAL	348	94.0	967,245	7,962,694	*	175,501

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - IDAHO HOSCOV SALS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SALS AMOUNT 1980
0100 SOIL AND LAND	16	4.5	80,295	585,257	*	49,065
0200 WATER	7	3.6	46,298	308,552	*	13,143
0300 WATERSHEDS RIVER BAS	3	0.5	11,983	48,101	*	4,432
0400 AIR AND CLIMATE	1	0.4	8,255	44,668	*	0
0500 RECREATION RESOURCES	1	0.4	1,767	32,820	*	0
0600 TIMBER FORST PRODUCT	3	0.1	1,856	17,321	*	10,168
0700 RANGE	5	1.5	24,975	119,347	*	195
0800 WILDLIFE AND FISH	2	0.0	8,736	8,774	*	0
1000 FRUIT NUTS DECIDUCUS	8	1.0	10,247	86,886	*	5,466
1100 POTATOES	25	6.2	87,800	973,287	*	9,822
1200 VEGETABLES	30	6.8	213,399	1,034,818	*	15,828
1300 ORNAMENTALS TURF	2	0.5	1,343	32,035	*	0
1400 CORN	3	0.1	3,818	13,146	*	0
1500 GRAIN SORGHUM	2	0.2	4,331	30,379	*	0
1600 RICE	2	0.0	0	5,466	*	5,466
1700 WHEAT	15	4.9	48,905	656,696	*	79,236
1800 OTHER SMALL GRAINS	9	1.7	28,661	271,539	*	7,646
2000 FORAGE CROPS	10	1.1	16,757	137,007	*	8,686
2100 COTTON	2	0.0	0	7,646	*	7,646
2300 SOYBEANS	1	0.1	1,259	17,169	*	0
2500 OTHER OILSEED CROPS	1	0.5	7,551	103,015	*	0
2700 SUGAR CROPS	7	0.5	9,186	132,748	*	7,646
2800 MISC NEW CROPS	4	1.7	2,517	145,959	*	0
2900 POULTRY	3	0.7	3,219	61,567	*	0
3000 BEEF CATTLE	14	6.8	315,699	1,199,114	*	41,056
3100 DAIRY CATTLE	6	2.3	120,841	328,267	*	0
3200 SWINE	1	0.6	11,244	42,367	*	0
3300 SHEEP AND WOOL	8	2.3	109,488	337,641	*	0
3400 OTHER ANIMALS	1	0.1	1,951	8,479	*	0
3500 BEES AND HONEY	2	2.3	10,455	127,151	*	0
3600 FARM SUPP & FACILITS	2	0.1	2,486	11,657	*	0
3800 FOOD	3	1.1	17,829	74,131	*	10,168
3900 HOUSING & EQUIP	2	0.6	8,953	40,100	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.1	0	22,839	*	0
4100 FAMILY MEMBERS	1	0.0	0	1	*	0
4200 FARM AS BUSINESS	3	0.8	16,528	113,215	*	0
4300 SOC POLIT ORGANIZ	5	1.4	30,436	100,986	*	0
4400 AGRIC ECONOMY U S	3	0.8	24,737	172,648	*	0
4800 MARKETING SYSTEMS	1	0.9	10,582	83,619	*	0
6100 WEEDS	3	0.2	3,916	17,886	*	0
6200 SEED RESEARCH	4	0.7	10,326	76,749	*	0
6400 EXP DESIGN/STAT METH	2	0.6	23,457	81,151	*	0
6500 INVERTEBRATES	3	0.5	10,427	46,563	*	0
6600 MICROORGANISMS, VIFUS	2	0.4	7,624	27,567	*	0
6700 PLANTS	10	3.8	66,349	374,446	*	7,478
6800 ANIMALS (VERTEBRATES)	3	0.2	377	19,431	*	563
6900 RESEARCH ON RSCH EGM	1	0.8	7,833	49,462	*	0
7000 RSCH EQUIP & TECHNOL	2	1.2	22,870	82,237	*	0
9900 UNCLASSIFIED	1	0.0	16,365	16,365	*	0
TOTAL	247	65.4	1,473,927	8,328,276	*	283,708

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ILLINOIS URBANA SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	31	12.7	172,875	1,252,901	*	47,233
0200 WATER	10	1.9	43,983	218,891	*	21,867
0300 WATERSHEDS RIVER BAS	2	0.2	14,615	34,324	*	0
0400 AIR AND CLIMATE	1	0.0	6,866	12,510	*	0
0500 RECREATION RESOURCES	2	0.5	5,073	26,717	*	11,874
0600 TIMBER FORST PRODUCT	22	4.1	178,325	425,109	*	16,690
1000 FRUIT NUTS DECIDUOUS	12	5.0	57,980	561,329	*	0
1200 VEGETABLES	15	5.8	157,898	545,367	*	0
1300 ORNAMENTALS TURF	9	4.3	36,825	289,631	*	0
1400 CORN	50	13.3	363,370	1,649,618	*	195,782
1500 GRAIN SORGHUM	4	0.3	19,039	68,703	*	12,520
1600 RICE	2	0.1	3,372	15,713	*	5,053
1700 WHEAT	11	1.3	23,165	132,304	*	8,949
1800 OTHER SMALL GRAINS	9	1.4	29,130	175,583	*	5,842
2000 FORAGE CROPS	13	3.7	91,512	491,055	*	16,017
2100 COTTON	1	0.2	6,074	12,449	*	0
2200 COTTONSEED	1	0.0	1,429	2,575	*	0
2300 SOYBEANS	51	18.0	331,955	1,261,984	*	53,928
2400 PEANUTS	1	0.0	1,429	2,575	*	0
2500 OTHER OILSEED CROPS	2	0.3	12,769	48,914	*	20,000
2600 TOBACCO	1	0.5	6,147	47,717	*	0
2700 SUGAR CROPS	1	0.0	316	1,862	*	0
2800 MISC NEW CROPS	1	0.3	23,915	32,090	*	0
2900 POULTRY	6	2.9	78,556	420,873	*	58,599
3000 BEEF CATTLE	23	6.3	205,226	965,352	*	12,476
3100 DAIRY CATTLE	33	9.9	351,808	1,448,440	*	0
3200 SWINE	25	7.7	236,812	1,395,835	*	13,746
3300 SHEEP AND WOOL	13	3.4	82,234	669,889	*	248
3400 OTHER ANIMALS	11	2.7	83,766	472,195	*	22,520
3500 BEES AND HONEY	1	0.9	16,342	68,521	*	0
3600 FARM SUPP & FACILITS	6	2.2	46,021	166,282	*	409
3700 CLOTHING & TEXTILES	3	1.0	32,077	70,709	*	0
3800 FOOD	14	4.4	154,124	580,332	*	3,700
3900 HOUSING & EQUIP	7	2.6	90,664	255,098	*	0
4000 PEOPLE AS INDIVIDUAL	10	2.7	79,568	234,639	*	953
4100 FAMILY MEMBERS	6	3.9	56,052	200,670	*	953
4200 FARM AS BUSINESS	5	3.6	149,018	395,350	*	5,323
4300 SOC POLLT ORGANIZ	4	4.9	60,560	238,068	*	0
4400 AGRIC ECONOMY U S	4	3.8	83,254	211,000	*	9,768
4700 OTH MARKET PROCESS	1	0.1	3,280	12,099	*	0
4800 MARKETING SYSTEMS	1	0.7	47,601	59,017	*	0
6200 SEED RESEARCH	1	0.1	4,077	10,520	*	0
6300 BIO CELL SYSTEMS	7	2.4	56,099	286,876	*	12,814
6400 EXP DESIGN/STAT METH	2	1.7	18,542	72,744	*	0
6500 INVERTEBRATES	2	1.0	13,658	49,413	*	0
6600 MICROORGANISMS, VIRUS	5	2.0	34,302	113,238	*	0
6700 PLANTS	13	3.5	67,414	271,453	*	20,080
6800 ANIMALS (VERTEBRATES)	9	2.4	96,122	183,361	*	1,201
9900 UNCLASSIFIED	1	0.0	88,029	88,029	*	0
TOTAL	465	150.7	3,823,268	16,249,924	*	578,544

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - INDIANA LAFAYETTE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	33	10.0	199,780	1,565,110	*	53,241
0200 WATER	18	4.6	59,250	623,751	*	5,425
0300 WATERSHEDS RIVER BAS	7	0.8	4,303	138,816	*	608
0400 AIR AND CLIMATE	4	1.4	36,871	166,391	*	0
0500 RECREATION RESOURCES	2	0.9	2,041	85,460	*	7,009
0600 TIMBER FORST PRODUCT	26	10.5	170,932	1,285,245	*	50,053
0800 WILDLIFE AND FISH	8	2.5	34,463	280,025	*	5,992
1000 FRUIT NUTS DECIDUOUS	12	3.0	73,115	309,842	*	124
1100 POTATOES	5	1.4	30,054	143,026	*	0
1200 VEGETABLES	21	7.2	88,836	654,441	*	21,986
1300 ORNAMENTALS TURF	9	3.1	44,126	349,928	*	8,045
1400 CORN	58	15.5	257,020	1,677,178	*	106,242
1500 GRAIN SORGHUM	6	1.4	22,311	132,565	*	0
1700 WHEAT	22	5.0	89,241	470,696	*	23,337
1800 OTHER SMALL GRAINS	9	0.8	13,308	79,976	*	9,132
1900 PASTURE	2	0.4	7,780	59,355	*	0
2000 FORAGE CROPS	17	3.5	132,242	407,853	*	13,300
2300 SOYBEANS	44	9.6	146,431	1,015,133	*	95,983
2800 MISC NEW CROPS	3	0.4	5,700	31,507	*	1,880
2900 POULTRY	21	5.1	180,211	706,232	*	12,434
3000 BEEF CATTLE	39	7.0	149,199	1,478,768	*	13,548
3100 DAIRY CATTLE	31	7.6	195,960	1,189,739	*	7,270
3200 SWINE	55	12.2	270,292	1,996,708	*	199,816
3300 SHEEP AND WOOL	13	1.7	52,943	287,303	*	3,625
3400 OTHER ANIMALS	18	3.9	111,698	515,017	*	2,768
3600 FARM SUPP & FACILITS	6	2.1	41,271	271,398	*	2,865
3700 CLOTHING & TEXTILES	2	0.4	8,649	53,864	*	0
3800 FOOD	8	4.7	33,001	616,432	*	45,147
3900 HOUSING & EQUIP	7	1.8	14,423	198,003	*	14,696
4000 PEOPLE AS INDIVIDUAL	14	1.9	47,489	280,537	*	1,377
4100 FAMILY MEMBERS	8	0.5	23,907	115,792	*	476
4200 FARM AS BUSINESS	11	5.3	126,755	389,829	*	44,953
4300 SOC POLIT ORGANIZ	7	1.1	26,341	95,904	*	3,246
4400 AGRIC ECONOMY U S	8	1.2	22,619	127,585	*	15,950
4500 AGRIC ECONOMY FORGN	4	0.4	7,430	45,938	*	6,222
4600 FARM COOPERATIVES	3	1.5	2,584	89,168	*	40,541
4700 OTH MARKET PROCESS	2	1.4	1,757	77,607	*	38,134
4800 MARKETING SYSTEMS	9	2.6	25,782	185,516	*	52,953
6100 WEEDS	5	3.5	21,221	176,004	*	0
6200 SEED RESEARCH	2	0.6	5,838	45,410	*	0
6300 BIO CELL SYSTEMS	11	9.1	136,041	1,086,095	*	0
6400 EXP DESIGN/STAT METH	4	0.4	5,144	57,483	*	5,848
6500 INVERTEBRATES	10	3.9	85,441	280,306	*	0
6600 MICROORGANISMS, VIRUS	10	6.1	95,697	784,244	*	0
6700 PLANTS	27	7.2	121,698	1,261,447	*	8,896
6800 ANIMALS (VERTEBRATES)	22	11.1	196,893	1,086,637	*	11,492
6900 RESEARCH ON RSCH MGM	2	0.7	28,201	76,914	*	17,115
7000 RSCH EQUIP & TECHNOL	5	0.8	13,226	112,130	*	3,866
9900 UNCLASSIFIED	1	0.0	0	94,472	*	0
TOTAL	671	187.4	3,469,517	23,658,781	*	955,591

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - IOWA ANES SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	43	10.1	129,102	2,036,655	*	68,848
0200 WATER	22	2.6	72,207	510,794	*	33,223
0300 WATERSHEDS RIVER BAS	5	1.4	10,588	322,629	*	37,727
0400 AIR AND CLIMATE	7	2.2	47,481	113,741	*	0
0500 RECREATION RESOURCES	2	0.4	0	47,100	*	3
0600 TIMBER FORST PRODUCT	11	3.6	126,394	370,475	*	14,295
0700 RANGE	2	0.0	0	2,097	*	0
0800 WILDLIFE AND FISH	28	1.7	0	411,884	*	685
1000 FRUIT NUTS DECIDUCOS	10	1.8	13,601	137,970	*	216
1100 POTATOES	3	0.2	9,049	14,589	*	0
1200 VEGETABLES	11	1.4	35,479	101,576	*	216
1300 ORNAMENTALS TURF	10	3.5	39,608	299,500	*	6,004
1400 CORN	72	16.5	477,950	2,468,405	*	208,183
1500 GRAIN SORGHUM	5	0.5	18,581	104,928	*	6,004
1700 WHEAT	2	0.1	9,656	14,734	*	612
1800 OTHER SMALL GRAINS	11	3.4	113,752	558,291	*	37,908
1900 PASTURE	3	0.8	55,233	92,148	*	0
2000 FORAGE CROPS	18	3.3	168,236	427,545	*	34,950
2300 SOYBEANS	64	11.9	278,147	1,413,580	*	72,787
2400 PEANUTS	1	0.0	0	10,222	*	0
2500 OTHER OILSEED CROPS	1	0.0	0	3,187	*	0
2800 HISC NEW CROPS	3	0.4	59,281	78,259	*	18,013
2900 POULTRY	22	4.4	296,810	784,527	*	4,112
3000 BEEF CATTLE	45	10.7	443,628	2,350,734	*	68,146
3100 DAIRY CATTLE	28	6.0	271,674	1,427,957	*	84,894
3200 SWINE	50	11.8	712,866	2,824,556	*	49,757
3300 SHEEP AND WOOL	9	1.3	44,165	233,018	*	4,112
3400 OTHER ANIMALS	13	2.1	35,452	267,478	*	10,332
3600 FARM SUPP & FACILITS	9	1.2	34,618	166,706	*	14,787
3700 CLOTHING & TEXTILES	1	0.3	0	31,418	*	0
3800 FOOD	12	1.8	70,839	229,037	*	0
3900 HOUSING & EQUIP	10	1.3	25,316	124,359	*	14,630
4000 PEOPLE AS INDIVIDUAL	19	2.5	54,761	274,103	*	15,499
4100 FAMILY MEMBERS	12	1.9	31,661	175,594	*	756
4200 FARM AS BUSINESS	16	1.8	36,415	347,028	*	112,806
4300 SOC POLIT ORGANIZ	20	2.9	52,077	568,447	*	159,560
4400 AGRIC ECONOMY U S	10	1.1	86,656	342,105	*	103,882
4500 AGRIC ECONOMY FORGN	2	0.0	3,155	33,825	*	25,933
4600 FARM COOPERATIVES	4	0.3	17,170	45,120	*	13,970
4700 OTH MARKET PROCESS	4	0.5	24,039	68,336	*	12,519
6300 BIO CELL SYSTEMS	5	1.8	24,247	268,302	*	0
6400 EXP DESIGN/STAT METH	4	0.7	0	625,429	*	548,499
6500 INVERTEBRATES	4	1.4	14,367	116,279	*	2,857
6600 MICROORGANISMS, VIRUS	2	0.7	0	67,005	*	6,693
6700 PLANTS	7	0.7	11,117	65,686	*	18,643
6800 ANIMALS (VERTEBRATES)	10	2.8	91,514	388,033	*	0
6900 RESEARCH ON RESCH AGH	3	0.9	198	53,558	*	0
9900 UNCLASSIFIED	1	0.0	0	20,528	*	8,981
TOTAL	656	126.4	4,047,089	21,839,475	*	1,821,040

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - KANSAS HANNAHATTAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/CT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	16	4.3	34,101	363,017	*	5,089
0200 WATER	32	7.1	29,331	1,009,672	*	199,364
0300 WATERSHEDS RIVER BAS	1	0.0	0	6,605	*	0
0400 AIR AND CLIMATE	4	1.7	26,891	166,706	*	0
0500 RECREATION RESOURCES	1	0.0	0	162	*	0
0600 TIMBER FORST PRODUCT	20	2.9	89,326	249,687	*	0
0700 RANGE	13	5.4	40,965	560,759	*	0
0800 WILDLIFE AND FISH	7	2.0	19,130	76,809	*	0
1000 FRUIT NUTS DECIDUCUS	10	3.2	27,971	300,837	*	43,403
1100 POTATOES	8	0.9	19	110,784	*	0
1200 VEGETABLES	14	2.3	15,360	179,524	*	0
1300 ORNAMENTALS TURP	12	3.3	11,602	251,370	*	0
1400 CORN	71	12.4	133,858	1,371,568	*	14,027
1500 GRAIN SORGHUM	60	13.5	80,655	1,395,192	*	14,027
1600 RICE	2	2.4	1,567	9,178	*	0
1700 WHEAT	106	29.7	364,454	2,972,809	*	63,193
1800 OTHER SMALL GRAINS	21	3.3	27,028	350,841	*	607
1900 PASTURE	3	0.0	1,799	4,483	*	0
2000 FORAGE CROPS	31	6.9	102,652	694,967	*	14,027
2300 SOYBEANS	32	7.0	50,625	765,925	*	14,027
2500 OTHER OILSEED CROPS	4	1.3	20,152	114,265	*	0
2700 SUGAR CROPS	4	0.3	0	79,482	*	0
2800 MISC NEW CROPS	1	0.1	1,758	2,057	*	0
2900 POULTRY	18	4.7	183,983	406,473	*	0
3000 BEEF CATTLE	81	24.9	563,631	4,369,431	*	56,853
3100 DAIRY CATTLE	43	7.8	194,136	1,200,759	*	14,027
3200 SWINE	25	4.9	96,684	821,466	*	14,027
3300 SHEEP AND WOOL	12	1.4	35,069	216,004	*	0
3400 OTHER ANIMALS	12	1.2	1,363	91,965	*	0
3600 FARM SUPP & FACILITS	7	0.7	3,217	124,427	*	0
3700 CLOTHING & TEXTILES	2	0.5	0	24,345	*	0
3800 FOOD	3	0.2	5,668	16,468	*	462
3900 HOUSING & EQUIP	4	0.6	17,193	89,537	*	6,239
4000 PEOPLE AS INDIVIDUAL	16	5.2	75,216	278,691	*	10,658
4100 FAMILY MEMBERS	8	2.2	60,658	156,281	*	0
4200 FARM AS BUSINESS	3	0.5	0	41,487	*	0
4300 SOC POLIT ORGANIZ	14	2.6	8,727	151,776	*	0
4400 AGRIC ECONOMY U S	2	0.4	6,684	23,683	*	0
4600 FARM COOPERATIVES	1	0.4	10,225	27,274	*	0
4800 MARKETING SYSTEMS	1	0.9	0	32,424	*	0
6300 BIO CELL SYSTEMS	18	7.3	3,495	543,595	*	0
6400 EXP DESIGN/STAT METH	3	0.2	0	31,209	*	0
6500 INVERTEBRATES	2	0.5	14,885	19,323	*	0
6600 MICROORGANISMS, VIUS	3	0.8	0	32,910	*	0
6700 PLANTS	20	7.9	65,754	482,667	*	37,591
6800 ANIMALS (VERTEBRATES)	22	4.4	33,131	398,665	*	2,829
6900 RESEARCH ON RSCH EGM	1	0.3	14,049	16,436	*	0
7000 RSCH EQUIP & TECHNOL	5	1.3	0	65,921	*	0
9900 UNCLASSIFIED	2	0.0	66,466	66,466	*	0
TOTAL	801	191.5	2,539,475	20,766,379	*	510,448

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - KENTUCKY LEXINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	19	6.2	176,317	472,867	*	0
0200 WATER	9	1.3	62,429	190,001	*	0
0300 WATERSHEDS RIVER BAS	6	1.5	50,205	167,863	*	0
0500 RECREATION RESOURCES	2	0.0	2,645	3,328	*	0
0600 TIMBER FORST PRODUCT	19	6.4	136,021	401,723	*	0
0700 RANGE	1	0.2	4,737	6,628	*	0
0800 WILDLIFE AND FISH	2	0.2	1,372	1,632	*	0
1000 FRUIT NUTS DECIDUCUS	6	4.2	58,872	283,735	*	0
1100 POTATOES	1	0.4	9,288	32,513	*	0
1200 VEGETABLES	10	5.3	114,369	397,175	*	0
1300 ORNAMENTALS TURF	7	4.0	71,275	271,410	*	0
1400 CORN	14	5.1	200,582	408,281	*	0
1500 GRAIN SORGHUM	2	0.4	12,842	17,757	*	0
1700 WHEAT	4	0.9	39,516	70,635	*	0
1800 OTHER SMALL GRAINS	2	0.8	50,582	141,830	*	0
1900 PASTURE	1	0.4	0	6,484	*	0
2000 FORAGE CROPS	20	10.3	263,881	1,234,106	*	16,606
2100 COTTON	1	0.3	6,248	26,929	*	0
2300 SOYBEANS	21	8.7	280,187	824,231	*	8,234
2600 TOBACCO	15	5.4	192,940	681,404	*	0
2800 MISC NEW CROPS	2	0.5	14,108	32,362	*	0
2900 POULTRY	4	1.2	42,603	178,018	*	0
3000 BEEF CATTLE	27	10.3	389,279	1,520,537	*	14,956
3100 DAIRY CATTLE	19	4.3	215,168	662,987	*	9,970
3200 SWINE	12	4.9	202,242	680,046	*	0
3300 SHEEP AND WOOL	10	2.1	93,330	302,140	*	0
3400 OTHER ANIMALS	15	13.5	187,068	883,743	*	0
3800 FOOD	6	4.0	165,844	290,188	*	0
3900 HOUSING & EQUIP	3	1.0	56,742	109,458	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.4	36,725	62,133	*	0
4100 FAMILY MEMBERS	4	1.6	26,596	68,574	*	0
4200 FARM AS BUSINESS	3	0.7	28,610	47,486	*	0
4300 SOC POLIT ORGANIZ	12	6.0	180,516	298,869	*	0
4400 AGRIC ECONOMY U S	1	0.7	23,652	30,368	*	0
4700 OTH MARKET PROCESS	2	0.4	22,563	30,211	*	0
4800 MARKETING SYSTEMS	3	0.6	17,989	31,913	*	0
6400 EXP DESIGN/STAT METH	1	0.2	581	7,286	*	0
6700 PLANTS	10	3.9	54,307	374,868	*	6,810
6800 ANIMALS (VERTEBRATES)	3	0.0	0	837	*	513
6900 RESEARCH ON RSCH MGH	2	0.8	17,576	28,570	*	0
7000 RSCH EQUIP & TECHNOL	2	0.9	13,478	56,969	*	0
9900 UNCLASSIFIED	1	0.0	1,343	1,343	*	0
TOTAL	310	120.8	3,524,626	11,339,438	*	57,089

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - LOUISIANA BATON ROUGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	26	8.2	88,263	720,500	*	0
0200 WATER	10	1.1	21,657	128,963	*	5,210
0300 WATERSHEDS RIVER BAS	1	0.1	104	4,530	*	0
0500 RECREATION RESOURCES	2	0.2	1,233	11,810	*	3,267
0600 TIMBER FORST PRODUCT	34	8.7	214,736	794,508	*	13,651
0700 RANGE	2	0.3	0	34,967	*	11,481
0800 WILDLIFE AND FISH	28	8.7	3,454	959,698	*	0
0900 CITRUS SUB TROP FRUIT	10	1.4	2,356	208,618	*	0
1000 FRUIT NUTS DECIDUCUS	27	6.6	8,606	657,111	*	0
1100 POTATOES	4	0.8	19,646	68,508	*	0
1200 VEGETABLES	43	15.7	141,915	1,304,917	*	44,490
1300 ORNAMENTALS TURF	16	6.4	8,056	483,172	*	0
1400 CORN	21	3.0	19,694	256,409	*	0
1500 GRAIN SORGHUM	12	2.2	8,244	197,397	*	0
1600 RICE	37	12.9	88,838	1,166,955	*	0
1700 WHEAT	9	1.2	2,780	134,252	*	0
1800 OTHER SMALL GRAINS	7	0.6	12,944	55,649	*	0
1900 PASTURE	26	5.3	27,017	601,160	*	0
2000 FORAGE CROPS	46	10.2	99,629	1,175,823	*	0
2100 COTTON	42	13.9	192,408	1,363,458	*	20,757
2200 COTTONSEED	1	0.3	10,127	22,816	*	0
2300 SOYBEANS	48	12.9	199,835	1,514,957	*	3,457
2500 OTHER OILSEED CROPS	1	0.5	6,813	27,360	*	0
2700 SUGAR CROPS	28	11.5	91,458	972,587	*	0
2800 MISC NEW CROPS	2	0.2	0	4,733	*	0
2900 POULTRY	12	5.2	120,390	953,044	*	2,252
3000 BEEF CATTLE	69	20.8	355,205	3,067,453	*	24,876
3100 DAIRY CATTLE	51	14.6	218,407	2,026,652	*	2,609
3200 SWINE	6	1.4	30,543	266,392	*	0
3300 SHEEP AND WOOL	3	0.3	8,158	80,283	*	0
3400 OTHER ANIMALS	23	2.2	81,492	493,585	*	60,840
3600 FARM SUPP & FACILITIES	4	1.1	9,765	124,740	*	0
3700 CLOTHING & TEXTILES	5	1.0	20,802	68,294	*	0
3800 FOOD	9	1.4	19,704	106,560	*	4,367
3900 HOUSING & EQUIP	6	1.6	15,677	151,169	*	23,528
4000 PEOPLE AS INDIVIDUAL	18	2.9	45,783	263,037	*	16,237
4100 FAMILY MEMBERS	8	1.7	24,844	81,285	*	0
4200 FARM AS BUSINESS	6	1.9	14,450	78,517	*	0
4300 SOC POLIT ORGANIZ	12	2.7	77,724	171,946	*	945
4400 AGRIC ECONOMY U S	3	0.6	1,500	50,996	*	0
4600 FARM COOPERATIVES	1	0.2	3,872	12,332	*	0
4700 OTH MARKET PROCESS	1	0.2	5,662	18,351	*	0
4800 MARKETING SYSTEMS	4	0.7	19,287	45,926	*	0
6200 SEED RESEARCH	1	0.4	10,668	18,934	*	0
6500 INVERTEBRATES	8	2.7	15,110	151,034	*	0
6600 MICROORGANISMS, VIRUS	2	0.7	4,000	42,821	*	0
6700 PLANTS	9	2.9	71,633	286,230	*	0
6800 ANIMALS (VERTEBRATES)	5	0.7	22,866	89,055	*	0
6900 RESEARCH ON RSCH MGH	2	3.6	0	374,394	*	17,398
7000 RSCH EQUIP & TECHNOL	1	0.5	0	51,019	*	0
9900 UNCLASSIFIED	1	0.0	13,241	26,773	*	0
TOTAL	753	204.5	2,480,595	21,971,677	*	255,365

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MAINE OROHO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	9	3.6	112,910	232,890	*	4,346
0200 WATER	2	0.4	16,529	95,537	*	0
0400 AIR AND CLIMATE	1	0.1	4,125	7,782	*	0
0500 RECREATION RESOURCES	2	0.7	5,044	32,725	*	0
0600 TIMBER FORST PRODUCT	32	16.5	343,388	1,941,251	*	702,804
0800 WILDLIFE AND FISH	11	4.8	61,942	450,398	*	5,945
1000 FRUIT NUTS DECIDUCUS	10	4.4	175,400	531,853	*	0
1100 POTATOES	18	10.5	267,405	783,005	*	5,333
1200 VEGETABLES	2	0.7	22,491	31,762	*	0
1300 ORNAMENTALS TURF	1	0.2	4,269	6,216	*	0
2000 FORAGE CROPS	3	1.3	35,946	61,222	*	0
2900 POULTRY	8	5.2	128,220	442,691	*	9,584
3100 DAIRY CATTLE	13	5.1	169,474	628,134	*	0
3900 HOUSING & EQUIP	2	1.2	27,191	54,926	*	0
4000 PEOPLE AS INDIVIDUAL	2	1.1	14,786	56,547	*	0
4300 SOC POLIT ORGANIZ	4	1.8	41,963	85,506	*	0
6300 BIO CELL SYSTEMS	2	1.0	24,176	44,407	*	0
6500 INVERTEBRATES	4	1.8	41,273	71,412	*	5,825
6600 MICROORGANISMS, VIRUS	2	1.2	44,366	52,709	*	0
6700 PLANTS	2	0.1	0	7,505	*	5,876
TOTAL	130	61.6	1,540,896	5,618,477	*	739,713

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MARYLAND COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	14	4.4	95,820	314,994	*	0
0200 WATER	7	2.5	80,593	215,384	*	0
0300 WATERSHEDS RIVER BAS	4	1.4	16,522	67,359	*	0
0500 RECREATION RESOURCES	4	0.9	36,349	102,026	*	0
0600 TIMBER FORST PRODUCT	13	2.4	95,506	334,661	*	0
0700 RANGE	1	0.3	10,400	31,897	*	0
0800 WILDLIFE AND FISH	9	2.1	28,956	95,867	*	0
1000 FRUIT NUTS DECIDUCUS	15	4.0	106,818	341,094	*	0
1100 POTATOES	3	0.4	13,870	34,672	*	0
1200 VEGETABLES	22	5.5	162,460	463,771	*	19,765
1300 ORNAMENTALS TURF	15	4.6	70,189	277,403	*	0
1400 CORN	14	3.2	68,558	245,177	*	0
1700 WHEAT	4	1.8	43,522	125,095	*	0
1800 OTHER SMALL GRAINS	2	0.4	15,382	46,393	*	0
1900 PASTURE	1	0.1	0	13,118	*	0
2000 FORAGE CROPS	6	1.8	25,727	163,732	*	0
2100 COTTON	2	0.3	7,738	13,354	*	0
2200 COTTONSEED	1	0.0	1,464	3,207	*	0
2300 SOYBEANS	13	3.6	79,950	304,338	*	458
2600 TOBACCO	11	6.5	53,653	372,370	*	0
2800 MISC NEW CROPS	2	0.6	11,409	29,815	*	0
2900 POULTRY	21	9.3	264,631	834,450	*	0
3000 BEEF CATTLE	11	4.3	49,586	315,022	*	0
3100 DAIRY CATTLE	23	9.4	210,279	931,061	*	0
3200 SWINE	4	1.0	19,320	107,485	*	0
3300 SHEEP AND WOOL	2	0.3	11,292	41,884	*	0
3400 OTHER ANIMALS	12	2.5	17,929	203,106	*	0
3500 BEES AND HONEY	1	0.3	1,610	13,579	*	0
3700 CLOTHING & TEXTILES	1	0.0	15,918	15,918	*	0
3800 FOOD	3	1.0	76,233	105,040	*	0
3900 HOUSING & EQUIP	2	0.2	4,110	11,586	*	0
4000 PEOPLE AS INDIVIDUAL	6	2.4	38,978	127,579	*	0
4100 FAMILY MEMBERS	1	0.0	1,277	1,277	*	0
4300 SOC POLIT ORGANIZ	5	0.6	49,906	88,835	*	0
6400 EXP DESIGN/STAT METH	1	0.0	0	4,549	*	0
6600 MICROORGANISMS, VIRUS	2	0.5	4,935	29,799	*	0
6700 PLANTS	11	2.4	50,795	152,732	*	3,708
6800 ANIMALS (VERTEBRATES)	3	0.1	503	2,861	*	279
7000 RSCH EQUIP & TECHNOL	2	0.9	0	61,437	*	0
TOTAL	274	82.0	1,842,186	6,643,929	*	24,210

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MASSACHUSETTS AMHERST SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	8	2.7	92,931	190,938	*	1,352
0200 WATER	4	1.4	79,915	157,130	*	0
0300 WATERSHEDS RIVER EAS	2	0.3	11,921	34,387	*	13,295
0500 RECREATION RESOURCES	2	0.1	6,439	11,262	*	0
0600 TIMBER FORST PRODUCT	17	6.1	174,227	418,975	*	38,229
0800 WILDLIFE AND FISH	1	0.1	4,088	18,816	*	0
1000 FRUIT NUTS DECIDUCUS	16	8.9	222,694	596,750	*	15,004
1200 VEGETABLES	21	4.9	243,245	515,436	*	52,855
1300 ORNAMENTALS TURF	8	1.6	46,888	126,834	*	0
1400 CORN	7	1.4	56,580	135,270	*	8,918
2000 FORAGE CROPS	5	0.9	35,286	79,156	*	8,723
2300 SOYBEANS	2	0.5	21,254	38,217	*	0
2800 MISC NEW CROPS	1	0.1	1,427	2,492	*	0
2900 POULTRY	9	3.7	124,095	423,948	*	85,114
3000 BEEF CATTLE	4	0.6	19,403	42,079	*	0
3100 DAIRY CATTLE	8	2.2	89,556	201,942	*	0
3300 SHEEP AND WOOL	1	0.1	1,607	7,324	*	0
3400 OTHER ANIMALS	1	0.2	2,679	20,791	*	0
3800 FOOD	8	3.3	201,238	337,973	*	3,524
3900 HOUSING & EQUIP	1	0.1	3,309	8,330	*	0
4000 PEOPLE AS INDIVIDUAL	4	1.7	27,953	77,799	*	0
4100 FAMILY MEMBERS	2	0.8	45,451	73,540	*	0
4200 FARM AS BUSINESS	2	0.1	3,620	8,898	*	0
4300 SOC POLIT ORGANIZ	4	1.9	52,719	102,132	*	0
4400 AGRIC ECONOMY U S	1	0.1	8,915	15,889	*	0
6500 INVERTEBRATES	1	0.3	6,917	27,796	*	0
6700 PLANTS	4	0.9	22,257	59,983	*	4,602
6800 ANIMALS (VERTEBRATES)	2	0.2	3,157	21,735	*	0
6900 RESEARCH ON RSCH HGM	1	0.2	3,828	7,549	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	3,274	6,160	*	0
9900 UNCLASSIFIED	1	0.0	3,600	3,600	*	0
TOTAL	149	45.2	1,620,469	3,773,129	*	231,616

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MICHIGAN LANSING SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	34	7.4	141,915	1,244,323	*	51,418
0200 WATER	17	2.5	44,914	399,784	*	13,266
0300 WATERSHEDS RIVER EAS	3	0.4	5,409	33,108	*	3,205
0400 AIR AND CLIMATE	6	0.6	13,792	56,346	*	3,163
0500 RECREATION RESOURCES	12	2.9	37,051	231,966	*	15,002
0600 TIMBER FORST PRODUCT	30	9.7	133,335	1,352,458	*	199,407
0800 WILDLIFE AND FISH	15	5.3	67,384	817,014	*	3,195
1000 FRUIT NUTS DECIDUCUS	46	26.4	272,541	2,095,229	*	48,364
1100 POTATOES	11	1.8	32,100	180,171	*	1,449
1200 VEGETABLES	45	14.3	225,995	1,697,124	*	58,760
1300 ORNAMENTALS TURF	12	8.0	17,428	546,613	*	5,993
1400 CORN	18	3.2	89,911	536,106	*	26,466
1600 RICE	1	0.4	0	20,915	*	0
1700 WHEAT	10	3.9	1,834	437,573	*	23,158
1800 OTHER SMALL GRAINS	9	1.0	6,601	187,555	*	3,663
1900 PASTURE	1	0.0	0	6,168	*	0
2000 FORAGE CROPS	14	2.7	75,785	727,090	*	103,940
2300 SOYBEANS	8	1.4	26,904	212,559	*	4,284
2600 TOBACCO	1	0.0	0	130	*	0
2700 SUGAR CROPS	3	0.0	1,022	38,534	*	12,069
2800 MISC NEW CROPS	3	0.2	9,007	39,279	*	0
2900 POULTRY	31	7.1	261,039	746,761	*	26,082
3000 BEEF CATTLE	26	4.2	126,516	1,259,542	*	5,487
3100 DAIRY CATTLE	41	10.5	394,054	1,680,989	*	98,579
3200 SWINE	17	4.4	122,547	597,361	*	1,390
3300 SHEEP AND WOOL	5	0.5	10,622	173,153	*	0
3400 OTHER ANIMALS	16	3.3	48,741	225,855	*	83
3600 FARM SUPP & FACILITS	3	2.2	35,675	265,286	*	71,695
3700 CLOTHING & TEXTILES	2	0.6	0	39,238	*	0
3800 FOOD	23	8.0	146,033	961,006	*	89,741
3900 HOUSING & EQUIP	6	0.9	12,293	127,184	*	0
4000 PEOPLE AS INDIVIDUAL	21	2.1	120,666	375,091	*	3,173
4100 FAMILY MEMBERS	18	2.4	45,990	283,842	*	0
4200 FARM AS BUSINESS	7	1.4	27,852	175,664	*	8,760
4300 SOC POLIT ORGANIZ	12	3.3	147,004	375,963	*	13,586
4400 AGRIC ECONOMY U S	3	1.1	19,163	150,990	*	39,215
4500 AGRIC ECONOMY FORGN	3	0.6	409	175,070	*	162,428
4600 FARM COOPERATIVES	1	0.6	19,004	48,969	*	15,580
4700 OTH MARKET PROCESS	1	0.6	19,004	48,969	*	15,580
4800 MARKETING SYSTEMS	3	1.0	27,167	76,783	*	13,354
6300 BIO CELL SYSTEMS	10	4.2	140,467	655,973	*	0
6400 EXP DESIGN/STAT METH	8	2.1	9,988	320,058	*	74,299
6500 INVERTEBRATES	5	1.3	659	265,888	*	0
6600 MICROORGANISMS, VIRUS	10	2.1	61,182	270,050	*	0
6700 PLANTS	31	10.8	198,776	1,563,752	*	253,168
6800 ANIMALS (VERTEBRATES)	29	7.2	255,482	828,977	*	27,382
6900 RESEARCH ON RSCH HGM	3	0.6	9,733	50,258	*	0
7000 RSCH EQUIP & TECHNOL	6	1.5	3,888	190,516	*	74,299
TOTAL	640	176.5	3,466,878	22,793,231	*	1,569,680

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MINNESOTA ST PAUL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	21	8.2	175,027	1,442,214	*	249,676
0200 WATER	6	0.4	10,429	112,345	*	4,456
0300 WATERSHEDS RIVER BAS	2	1.0	19,049	198,680	*	11,353
0400 AIR AND CLIMATE	3	0.6	25,436	166,580	*	0
0500 RECREATION RESOURCES	6	1.9	55,517	156,271	*	7,400
0600 TIMBER FORST PRODUCT	37	16.0	313,318	2,040,948	*	166,788
0700 RANGE	1	0.2	2,168	32,864	*	4,683
0800 WILDLIFE AND FISH	11	5.4	76,515	445,862	*	2,211
1000 FRUIT NUTS DECIDUOUS	4	1.8	14,113	389,414	*	16,343
1100 POTATOES	14	6.8	117,117	734,148	*	45,294
1200 VEGETABLES	14	2.8	62,061	441,764	*	41,713
1300 ORNAMENTALS TURF	11	3.9	57,960	631,313	*	27,801
1400 CORN	28	11.4	286,739	1,988,647	*	201,014
1600 RICE	4	2.3	0	366,793	*	0
1700 WHEAT	14	1.7	66,478	839,446	*	152,130
1800 OTHER SMALL GRAINS	11	4.0	105,258	741,093	*	53,484
2000 FORAGE CROPS	14	3.7	177,741	809,272	*	78,535
2300 SOYBEANS	18	5.4	55,347	1,072,712	*	93,725
2400 PEANUTS	1	0.0	0	2,915	*	2,915
2500 OTHER OILSEED CROPS	4	0.7	0	96,722	*	3,373
2700 SUGAR CROPS	1	0.0	0	113,341	*	0
2800 MISC NEW CROPS	4	2.0	0	393,480	*	0
2900 POULTRY	20	8.8	245,099	1,064,980	*	12,171
3000 BEEF CATTLE	15	3.1	126,703	1,258,707	*	88,949
3100 DAIRY CATTLE	32	7.7	346,526	2,381,026	*	41,405
3200 SWINE	19	5.9	295,393	1,417,801	*	77,077
3300 SHEEP AND WOOL	6	1.8	56,537	499,994	*	0
3400 OTHER ANIMALS	3	2.2	7,691	174,368	*	40,027
3500 BEES AND HONEY	1	0.2	0	29,973	*	0
3600 FARM SUPP & FACILITS	2	0.5	19,871	246,765	*	6,134
3700 CLOTHING & TEXTILES	5	2.9	69,287	175,094	*	0
3800 FOOD	26	7.7	185,994	1,135,699	*	19,110
3900 HOUSING & EQUIP	5	0.0	0	43,419	*	1,272
4000 PEOPLE AS INDIVIDUAL	12	2.6	18,426	250,685	*	0
4100 FAMILY MEMBERS	12	3.8	50,982	370,064	*	0
4200 FARM AS BUSINESS	3	0.8	0	119,070	*	0
4300 SOC POLIT ORGANIZ	11	4.1	205,297	450,849	*	73,164
4400 AGRIC ECONOMY U S	4	0.6	39,207	83,817	*	2,031
4500 AGRIC ECONOMY FORGN	3	0.7	40,498	68,090	*	2,031
4700 OTH MARKET PROCESS	1	0.0	0	15,026	*	0
4800 MARKETING SYSTEMS	3	0.4	40,528	93,177	*	47,603
6100 NEEDS	1	0.0	0	9,190	*	0
6200 SEED RESEARCH	1	0.0	3,821	7,142	*	0
6300 BIO CELL SYSTEMS	4	0.3	5,097	145,661	*	0
6400 EXP DESIGN/STAT METH	1	0.5	0	22,613	*	0
6500 INVERTEBRATES	4	2.0	11,260	200,664	*	1,446
6600 MICROORGANISMS,VIRUS	4	0.7	18,190	111,783	*	556
6700 PLANTS	17	6.7	81,597	932,373	*	35,664
6800 ANIMALS (VERTEBRATES)	15	4.1	65,226	591,402	*	45,129
6900 RESEARCH ON RSCH MGN	2	1.1	0	136,039	*	34,389
7000 RSCH EQUIP & TECHNOL	2	0.6	0	56,011	*	15,629
9900 UNCLASSIFIED	1	0.0	82,469	82,469	*	0
TOTAL	464	149.5	3,636,772	25,391,777	*	1,708,721

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MISSISSIPPI STATE COLLEGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	16	3.5	93,059	385,962	*	31,271
0200 WATER	8	1.1	27,485	130,289	*	16,424
0300 WATERSHEDS RIVER BAS	1	0.0	0	493	*	0
0500 RECREATION RESOURCES	1	0.1	2,434	10,655	*	0
0600 TIMBER FORST PRODUCT	39	24.6	308,557	2,090,572	*	186,288
0700 RANGE	4	0.1	0	23,248	*	8,681
0800 WILDLIFE AND FISH	32	9.6	97,924	943,707	*	44,601
1000 FRUIT NUTS DECIDUOUS	10	8.2	262,612	700,307	*	488
1100 POTATOES	1	0.0	0	47	*	0
1200 VEGETABLES	24	7.4	216,903	754,500	*	8,051
1300 ORNAMENTALS TURF	5	7.1	240,456	564,276	*	0
1400 CORN	15	2.2	37,551	333,588	*	56,635
1500 GRAIN SORGHUM	9	3.0	2,120	264,006	*	14
1600 RICE	12	4.3	113,964	475,562	*	214
1700 WHEAT	5	0.6	17,494	41,687	*	685
1800 OTHER SMALL GRAINS	7	0.7	9,571	47,060	*	706
1900 PASTURE	4	2.1	8,999	144,648	*	4,426
2000 FORAGE CROPS	19	9.3	182,318	1,206,504	*	76,778
2100 COTTON	45	18.8	112,176	2,234,865	*	291,232
2200 COTTONSEED	1	0.2	4,931	8,017	*	0
2300 SOYBEANS	46	13.2	177,898	1,643,334	*	87,740
2400 PEANUTS	5	0.1	3,156	23,184	*	460
2500 OTHER OILSEED CROPS	1	0.0	0	191	*	0
2600 TOBACCO	1	1.3	14,917	121,537	*	0
2700 SUGAR CROPS	1	0.1	0	55,892	*	0
2800 MISC NEW CROPS	1	0.1	1,646	2,392	*	0
2900 POULTRY	18	12.9	209,098	676,430	*	3,231
3000 BEEF CATTLE	18	11.3	381,501	2,031,887	*	33,206
3100 DAIRY CATTLE	22	13.5	400,036	1,809,646	*	26,512
3200 SWINE	8	8.2	153,528	804,361	*	0
3300 SHEEP AND WOOL	1	0.9	0	85,609	*	0
3400 OTHER ANIMALS	4	0.9	6,521	85,213	*	0
3600 FARM SUPP & FACILITS	2	0.7	0	89,715	*	0
3800 FOOD	1	0.8	0	21,839	*	0
3900 HOUSING & EQUIP	1	0.0	0	269	*	0
4000 PEOPLE AS INDIVIDUAL	14	4.9	55,835	332,971	*	15,176
4100 FAMILY MEMBERS	1	0.1	2,766	4,005	*	0
4200 FARM AS BUSINESS	4	0.9	31,642	51,386	*	0
4300 SOC POLIT ORGANIZ	8	1.6	14,309	134,667	*	69,057
4400 AGRIC ECONOMY U S	1	0.1	2,766	4,005	*	0
4600 FARM COOPERATIVES	2	0.6	25,008	49,807	*	1,644
4700 OTH MARKET PROCESS	2	0.6	4,302	69,967	*	0
4800 MARKETING SYSTEMS	2	0.7	32,193	56,970	*	4,599
6100 NEEDS	2	0.1	0	55,417	*	35,061
6200 SEED RESEARCH	3	1.1	19,224	87,191	*	0
6500 INVERTEBRATES	2	1.2	0	68,433	*	0
6600 MICROORGANISMS,VIRUS	2	0.0	0	7,729	*	1,227
6700 PLANTS	6	1.2	21,832	1,322,674	*	21,510
6800 ANIMALS (VERTEBRATES)	4	0.5	4,852	58,385	*	0
TOTAL	441	180.4	3,301,579	20,114,096	*	1,025,916

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MISSOURI COLUMBIA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/CT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	17	5.6	113,082	675,852	*	5,420
0200 WATER	10	2.7	40,985	241,698	*	1,581
0300 WATERSHEDS RIVER BAS	2	1.2	50,886	143,461	*	0
0400 AIR AND CLIMATE	6	2.6	62,909	545,552	*	20,270
0500 RECREATION RESOURCES	2	0.2	1,288	26,852	*	8,129
0600 TIMBER FORST PRODUCT	15	6.5	154,688	792,769	*	45,612
0700 RANGE	1	0.3	0	21,191	*	3,356
0800 WILDLIFE AND FISH	5	2.4	30,846	396,599	*	30,433
0900 CITRUS SUB TROP FRUIT	2	0.1	8,229	19,470	*	0
1000 FRUIT NUTS DECIDUCUS	12	3.4	87,448	494,526	*	0
1200 VEGETABLES	8	3.7	81,644	325,700	*	0
1300 ORNAMENTALS TURF	6	2.9	68,778	284,428	*	0
1400 CORN	27	7.2	194,083	1,185,957	*	89,820
1500 GRAIN SORGHUM	14	2.2	36,439	290,318	*	27,785
1600 RICE	1	0.0	479	2,262	*	0
1700 WHEAT	9	2.0	50,080	217,530	*	6,899
1800 OTHER SMALL GRAINS	4	0.6	13,549	70,176	*	0
1900 PASTURE	6	0.5	13,268	72,056	*	5,607
2000 FORAGE CROPS	18	4.5	199,398	670,920	*	51,297
2100 COTTON	5	2.7	42,123	222,243	*	18,456
2300 SOYBEANS	27	7.4	147,506	841,882	*	150,730
2500 OTHER OILSEED CROPS	2	0.4	13,469	38,048	*	0
2600 TOBACCO	2	0.1	2,557	10,621	*	0
2700 SUGAR CROPS	1	0.3	5,714	21,571	*	0
2800 MISC NEW CROPS	4	1.1	36,663	138,362	*	0
2900 POULTRY	19	5.8	204,726	681,462	*	1,777
3000 BEEF CATTLE	36	7.8	415,238	1,176,746	*	58,480
3100 DAIRY CATTLE	27	7.6	340,030	1,138,710	*	52,077
3200 SWINE	24	6.5	264,616	907,677	*	26,978
3300 SHEEP AND WOOL	5	0.6	38,259	122,354	*	0
3400 OTHER ANIMALS	14	1.5	114,560	353,600	*	308
3600 FARM SUPP & FACILITS	2	0.3	4,057	55,759	*	5,253
3800 FOOD	14	3.1	102,728	354,233	*	6
3900 HOUSING & EQUIP	2	1.1	4,607	106,904	*	0
4000 PEOPLE AS INDIVIDUAL	9	2.7	42,639	272,361	*	20,766
4100 FAMILY MEMBERS	5	1.0	17,010	97,855	*	0
4200 FARM AS BUSINESS	5	2.3	40,619	183,863	*	3,709
4300 SOC POLIT ORGANIZ	9	3.2	77,442	534,203	*	26,477
4400 AGRIC ECONOMY U S	4	1.1	12,633	92,125	*	5,562
4500 AGRIC ECONOMY FORGN	1	0.8	0	45,705	*	0
4600 FARM COOPERATIVES	4	0.4	16,698	59,130	*	4,270
4700 OTH MARKET PROCESS	3	0.2	6,398	30,766	*	712
4800 MARKETING SYSTEMS	5	0.9	40,101	159,903	*	26,127
6200 SEED RESEARCH	2	1.4	544	249,214	*	0
6300 BIO CELL SYSTEMS	4	0.5	24,658	95,324	*	0
6400 EXP DESIGN/STAT METH	2	0.1	3,597	16,341	*	2,007
6500 INVERTEBRATES	5	1.1	17,985	105,562	*	1,410
6600 MICROORGANISMS, VIRUS	4	0.6	8,717	59,723	*	0
6700 PLANTS	11	2.5	60,395	370,696	*	30,443
6800 ANIMALS (VERTEBRATES)	6	1.3	47,557	180,384	*	3,010
7000 RSCH EQUIP & TECHNOL	2	0.2	2,323	13,489	*	0
9900 UNCLASSIFIED	1	0.0	39,649	39,649	*	0
TOTAL	431	115.2	3,403,898	15,253,786	*	734,767

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MONTANA BOZEMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/CT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	16	10.5	62,237	737,888	*	57,974
0200 WATER	10	3.4	34,253	300,662	*	7,706
0400 AIR AND CLIMATE	1	0.2	3,701	7,869	*	0
0700 RANGE	16	5.2	56,589	317,371	*	16,340
0800 WILDLIFE AND FISH	6	0.7	17,994	104,810	*	12,031
1000 FRUIT NUTS DECIDUCUS	1	0.4	0	35,651	*	0
1100 POTATOES	2	0.2	3,340	32,984	*	0
1200 VEGETABLES	5	0.9	10,830	80,762	*	0
1300 ORNAMENTALS TURF	4	0.6	24,891	51,996	*	0
1400 CORN	6	0.7	3,340	70,194	*	0
1500 GRAIN SORGHUM	1	0.1	0	10,398	*	0
1700 WHEAT	42	9.9	185,421	913,838	*	55,118
1800 OTHER SMALL GRAINS	44	8.4	143,794	775,046	*	20,611
1900 PASTURE	4	0.9	7,093	44,381	*	0
2000 FORAGE CROPS	29	6.4	110,340	638,265	*	15,945
2500 OTHER OILSEED CROES	9	1.3	4,686	160,082	*	0
2700 SUGAR CROPS	8	1.3	3,340	160,197	*	0
2800 MISC NEW CROPS	1	0.2	0	22,384	*	0
2900 POULTRY	1	0.2	14,928	39,721	*	0
3000 BEEF CATTLE	39	17.2	500,976	2,353,733	*	34,891
3100 DAIRY CATTLE	5	1.2	42,037	358,686	*	29,765
3200 SWINE	5	0.8	36,150	394,839	*	112
3300 SHEEP AND WOOL	10	4.1	82,197	441,073	*	112
3400 OTHER ANIMALS	3	0.2	12,931	33,814	*	0
3600 FARM SUPP & FACILITS	2	0.8	16,458	81,232	*	0
3800 FOOD	1	0.2	787	10,056	*	0
3900 HOUSING & EQUIP	2	0.3	0	28,458	*	7,635
4000 PEOPLE AS INDIVIDUAL	8	1.9	15,840	135,210	*	9,197
4200 FARM AS BUSINESS	2	0.6	11,384	25,324	*	0
4300 SOC POLIT ORGANIZ	1	0.8	13,077	28,159	*	0
4400 AGRIC ECONOMY U S	1	0.3	10,537	22,789	*	0
6500 INVERTEBRATES	1	0.9	0	24,430	*	0
6700 PLANTS	9	1.4	20,646	87,111	*	6,531
6800 ANIMALS (VERTEBRATES)	1	0.2	11,070	20,356	*	0
7000 RSCH EQUIP & TECHNOL	2	0.3	3,458	16,175	*	0
9900 UNCLASSIFIED	1	0.0	10,527	10,527	*	0
TOTAL	299	82.7	1,474,851	8,576,469	*	273,968

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEVADA REBO SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	11	2.3	62,772	130,027	*	0
0200 WATER	7	2.1	39,645	163,753	*	0
0300 WATERSHEDS RIVER BAS	3	0.8	5,489	111,644	*	17,260
0400 AIR AND CLIMATE	1	0.3	47,873	56,860	*	0
0500 RECREATION RESOURCES	3	0.4	10,672	42,764	*	0
0600 TIMBER FORST PRODUCT	5	2.2	49,314	205,798	*	2,224
0700 RANGE	15	1.8	38,977	312,118	*	68,712
0800 WILDLIFE AND FISH	7	0.9	12,142	173,443	*	39,066
1100 POTATOES	2	0.0	326	5,311	*	0
1200 VEGETABLES	2	0.4	326	36,174	*	0
1300 ORNAMENTALS TURF	3	0.5	7,978	62,358	*	0
1700 WHEAT	3	0.5	0	48,323	*	0
1800 OTHER SMALL GRAINS	2	0.5	0	39,775	*	0
1900 PASTURE	1	0.4	0	35,137	*	0
2000 FORAGE CROPS	20	6.7	126,287	501,129	*	49,409
2800 MISC NEW CROPS	1	0.0	11,283	11,283	*	0
3000 BEEF CATTLE	25	7.7	225,477	980,883	*	13,488
3100 DAIRY CATTLE	7	1.6	23,642	263,665	*	0
3300 SHEEP AND WOOL	4	1.2	31,073	105,278	*	0
3400 OTHER ANIMALS	3	0.6	11,159	46,072	*	0
3500 BEES AND HONEY	3	0.6	28,394	54,269	*	6,065
3600 FARM SUPP & FACILITS	1	0.0	0	29,920	*	0
3700 CLOTHING & TEXTILES	1	0.1	112	4,749	*	0
3800 FOOD	3	0.6	22,556	45,130	*	0
3900 HOUSING & EQUIP	1	0.4	21,393	26,171	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.3	3,982	21,356	*	0
4100 FAMILY MEMBERS	4	0.5	9,515	36,388	*	0
4200 FARM AS BUSINESS	1	0.4	15,285	22,090	*	0
4300 SOC POLIT ORGANIZ	8	1.5	57,160	91,961	*	0
6300 BIO CELL SYSTEMS	3	0.1	23,215	31,787	*	0
6400 EXP DESIGN/STAT METH	1	0.0	1,487	2,370	*	0
6500 INVERTEBRATES	2	0.4	809	16,862	*	0
6600 MICROORGANISMS, VIBUS	2	0.3	8,667	23,939	*	0
6700 PLANTS	6	1.0	2,069	107,476	*	4,095
6800 ANIMALS (VERTEBRATES)	4	0.2	460	30,522	*	650
7000 RSCH EQUIP & TECHNOL	1	0.1	5,443	8,584	*	0
TOTAL	169	37.2	904,941	3,884,968	*	200,969

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEBRASKA LINCOLN SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	25	8.0	148,912	795,388	*	39,734
0200 WATER	26	5.5	67,257	636,302	*	55,209
0400 AIR AND CLIMATE	6	2.2	26,154	182,406	*	0
0500 RECREATION RESOURCES	1	0.1	0	3,897	*	0
0600 TIMBER FORST PRODUCT	8	2.4	30,152	96,079	*	737
0700 RANGE	10	1.3	11,012	152,779	*	18,865
0800 WILDLIFE AND FISH	4	0.7	5,159	40,903	*	0
1100 POTATOES	5	0.1	20,447	99,080	*	0
1200 VEGETABLES	17	4.2	55,006	323,383	*	0
1300 ORNAMENTALS TURF	9	3.4	43,685	273,681	*	0
1400 CORN	60	11.7	237,897	1,643,446	*	110,412
1500 GRAIN SORGBUM	43	7.8	125,070	1,120,774	*	62,829
1700 WHEAT	29	7.3	113,678	912,744	*	206,053
1800 OTHER SMALL GRAINS	8	1.2	26,462	175,248	*	0
1900 PASTURE	4	0.5	4,794	112,022	*	9,993
2000 FORAGE CROPS	32	5.9	143,885	890,705	*	52,031
2300 SOYBEANS	33	7.8	119,613	877,978	*	73,298
2500 OTHER OILSEED CROPS	2	0.2	2,811	25,756	*	0
2700 SUGAR CROPS	6	0.3	6,872	47,195	*	0
2900 POULTRY	9	3.7	87,123	427,310	*	1,053
3000 BEEF CATTLE	39	15.3	310,759	7,711,668	*	89,035
3100 DAIRY CATTLE	19	5.0	114,738	873,732	*	21,393
3200 SWINE	23	11.0	228,107	2,364,297	*	108,566
3300 SHEEP AND WOOL	6	1.2	25,356	199,885	*	4,578
3400 OTHER ANIMALS	2	0.7	0	79,117	*	1,053
3600 FARM SUPP & FACILITS	2	2.5	8,133	272,871	*	2,983
3700 CLOTHING & TEXTILES	3	0.4	11,403	43,351	*	0
3800 FOOD	15	3.5	97,581	544,826	*	0
3900 HOUSING & EQUIP	4	0.7	6,304	161,456	*	83,517
4000 PEOPLE AS INDIVIDUAL	13	3.6	41,050	306,785	*	0
4100 FAMILY MEMBERS	7	2.1	21,177	129,752	*	0
4200 FARM AS BUSINESS	5	2.5	37,639	125,509	*	976
4300 SOC POLIT ORGANIZ	9	2.0	35,098	170,384	*	0
4700 OTH MARKET PROGRESS	1	0.1	827	11,080	*	0
4800 MARKETING SYSTEMS	4	1.1	26,019	76,421	*	0
6100 WEEDS	3	0.7	20,740	71,090	*	0
6200 SEED RESEARCH	1	1.0	0	268,523	*	0
6400 EXP DESIGN/STAT METH	2	2.6	228	173,237	*	0
6500 INVERTEBRATES	1	0.5	11,289	38,749	*	0
6600 MICROORGANISMS, VIBUS	6	1.6	20,248	177,314	*	31,375
6700 PLANTS	15	3.2	62,603	783,946	*	19,030
6800 ANIMALS (VERTEBRATES)	8	1.5	5,494	595,912	*	2,114
6900 RESEARCH ON RSCH MGT	2	0.4	12,982	34,914	*	0
7000 RSCH EQUIP & TECHNOL	2	0.2	4,934	15,011	*	0
9900 UNCLASSIFIED	2	0.6	24,453	483,858	*	0
TOTAL	531	138.1	2,411,147	24,550,762	*	994,832

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW HAMPSHIRE DURHAM SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	6	1.3	35,549	70,294	*	0
0200 WATER	2	0.6	34,228	36,495	*	0
0300 WATERSHEDS RIVER PAS	1	0.5	19,036	26,046	*	0
0400 AIR AND CLIMATE	1	0.2	0	14,213	*	0
0500 RECREATION RESOURCES	1	0.5	4,080	5,810	*	0
0600 TIMBER FORST PRODUCT	18	4.9	150,056	286,789	*	0
0800 WILDLIFE AND FISH	5	1.0	40,564	111,896	*	0
1000 FRUIT NUTS DECIDUCUS	4	1.3	46,776	82,632	*	0
1100 POTATOES	1	0.0	1,626	1,657	*	0
1200 VEGETABLES	5	1.3	64,097	109,086	*	0
1300 ORNAMENTALS TURF	1	0.3	21,700	32,954	*	0
1400 CORN	1	0.5	28,595	44,480	*	0
2000 FORAGE CROPS	4	2.4	26,775	150,597	*	24,262
2300 SOYBEANS	1	0.5	16,353	27,053	*	0
2900 POULTRY	5	2.4	185,618	299,943	*	10,095
3000 BEEF CATTLE	1	0.0	1,626	1,657	*	0
3100 DAIRY CATTLE	9	2.4	162,436	282,430	*	0
3200 SWINE	1	0.0	1,626	1,657	*	0
3400 OTHER ANIMALS	4	1.4	74,250	125,574	*	0
3800 FOOD	1	0.1	2,253	2,384	*	0
3900 HOUSING & EQUIP	4	0.9	29,726	42,277	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.7	45,025	59,227	*	0
4100 FAMILY MEMBERS	1	0.0	0	5,122	*	0
4300 SOC POLIT ORGANIZ	3	0.8	14,799	17,367	*	0
4800 MARKETING SYSTEMS	1	0.4	16,258	16,570	*	0
6300 BIO CELL SYSTEMS	2	1.3	42,969	77,021	*	0
6400 EXP DESIGN/STAT METH	1	0.1	0	2,643	*	0
6500 INVERTEBRATES	3	1.5	9,324	64,102	*	0
6600 MICROORGANISMS, VIRUS	1	0.5	4,311	4,311	*	0
6700 PLANTS	4	0.9	43,079	69,161	*	4,075
6800 ANIMALS (VERTEBRATES)	3	0.8	4,031	32,080	*	307
7000 RSCH EQUIP & TECHNOL	3	0.3	2,782	13,440	*	0
TOTAL	101	29.9	1,129,546	2,117,768	*	38,739

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW JERSEY NEW BRUNSWICK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	29	6.5	83,525	1,168,825	*	2,414
0200 WATER	18	3.0	16,129	829,455	*	0
0300 WATERSHEDS RIVER EAS	3	0.4	0	40,111	*	0
0400 AIR AND CLIMATE	12	1.9	7,720	174,899	*	31,717
0500 RECREATION RESOURCES	3	1.2	59,665	161,123	*	0
0600 TIMBER FORST PRODUCT	14	4.2	123,325	489,004	*	65,411
0800 WILDLIFE AND FISH	13	4.5	9,080	508,660	*	0
0900 CITRUS SUB TROP FRUT	2	0.2	11,290	45,371	*	0
1000 FRUIT NUTS DECIDUCUS	32	9.1	206,334	1,233,379	*	0
1100 POTATOES	5	1.9	30,844	200,010	*	8,120
1200 VEGETABLES	28	7.9	148,139	1,054,675	*	19,694
1300 ORNAMENTALS TURF	16	6.7	133,363	984,694	*	6,373
1400 CORN	6	0.5	1,060	54,954	*	0
1700 WHEAT	2	0.0	0	7,816	*	0
1800 OTHER SMALL GRAINS	1	0.1	0	12,779	*	0
2000 FORAGE CROPS	11	2.2	44,615	305,840	*	0
2200 COTTONSEED	1	0.0	0	4,657	*	0
2300 SOYBEANS	7	0.5	1,060	67,165	*	0
2400 PEANUTS	2	0.0	0	6,677	*	0
2500 OTHER OILSEED CROPS	1	0.1	0	8,450	*	0
2700 SUGAR CROPS	1	0.0	0	387	*	0
2800 MISC NEW CROPS	1	0.4	28,448	76,534	*	0
2900 POULTRY	17	4.4	86,935	561,088	*	11,296
3000 BEEF CATTLE	4	0.3	2,164	51,297	*	0
3100 DAIRY CATTLE	7	1.1	48,123	205,448	*	0
3200 SWINE	6	0.6	4,793	84,488	*	0
3300 SHEEP AND WOOL	2	0.2	2,164	22,761	*	0
3400 OTHER ANIMALS	15	2.3	27,010	559,788	*	0
3600 FARM SUPP & FACILITS	3	1.5	34,429	111,972	*	0
3800 FOOD	23	5.6	184,223	996,550	*	0
3900 HOUSING & EQUIP	11	4.0	21,072	639,958	*	23,149
4000 PEOPLE AS INDIVIDUAL	20	4.2	46,088	719,140	*	16,575
4200 FARM AS BUSINESS	2	0.6	28,163	86,364	*	0
4300 SOC POLIT ORGANIZ	11	2.4	22,890	231,724	*	0
4400 AGRIC ECONOMY U S	1	0.3	5,711	27,197	*	0
4800 MARKETING SYSTEMS	1	0.3	0	28,986	*	12,401
6300 BIO CELL SYSTEMS	3	1.1	0	82,278	*	0
6400 EXP DESIGN/STAT METH	1	0.3	0	23,000	*	0
6500 INVERTEBRATES	10	3.6	73,991	404,691	*	0
6600 MICROORGANISMS, VIRUS	9	2.4	30,668	326,812	*	68,495
6700 PLANTS	15	10.3	303,049	1,178,737	*	184,160
6800 ANIMALS (VERTEBRATES)	4	0.7	19,615	80,081	*	0
7000 RSCH EQUIP & TECHNOL	4	1.9	0	130,925	*	0
TOTAL	377	99.3	1,845,683	13,988,748	*	449,804

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW MEXICO UNIV PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	12	2.7	67,531	165,060	*	0
0200 WATER	7	2.4	61,486	123,558	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	5,453	5,453	*	0
0400 AIR AND CLIMATE	3	1.1	7,557	9,987	*	0
0500 RECREATION RESOURCES	3	0.5	20,971	21,171	*	0
0600 TIMBER FORST PRODUCT	8	3.7	105,340	335,532	*	0
0700 RANGE	17	5.4	66,976	594,118	*	312,140
0800 WILDLIFE AND FISH	5	0.8	26,862	51,495	*	0
1000 FRUIT NUTS DECIDUCUS	6	1.5	1,579	65,779	*	0
1100 POTATOES	2	0.1	0	3,249	*	0
1200 VEGETABLES	17	4.5	72,516	294,766	*	0
1300 ORNAMENTALS TURF	4	0.6	4,078	33,609	*	0
1400 CORN	7	0.8	7,487	76,044	*	0
1500 GRAIN SOBGHUM	11	1.6	6,562	112,239	*	0
1700 WHEAT	8	0.4	2,965	29,647	*	0
1800 OTHER SMALL GRAINS	6	0.4	0	15,225	*	0
1900 PASTURE	2	0.1	402	1,704	*	0
2000 FORAGE CROPS	17	4.7	121,627	384,936	*	0
2100 COTTON	12	4.5	107,367	231,573	*	0
2300 SOYBEANS	2	0.1	0	3,063	*	0
2400 PEANUTS	2	1.1	0	60,857	*	0
2500 OTHER OILSEED CROPS	2	0.2	0	7,279	*	0
2700 SUGAR CROPS	3	0.1	0	6,868	*	0
2800 MISC NEW CROPS	2	2.1	0	56,650	*	0
2900 POULTRY	3	0.5	9,824	63,694	*	0
3000 BEEF CATTLE	27	10.4	271,928	606,924	*	0
3100 DAIRY CATTLE	6	1.2	11,674	37,902	*	0
3300 SHEEP AND WOOL	9	2.3	4,035	91,344	*	0
3400 OTHER ANIMALS	2	0.4	15,702	62,020	*	0
3600 FARM SUPP & FACILITS	1	0.0	48	48	*	0
3800 FOOD	1	0.5	14,109	22,421	*	0
4000 PEOPLE AS INDIVIDUAL	4	1.0	35,756	48,450	*	0
4100 FAMILY MEMBERS	1	0.3	30,163	30,163	*	0
4200 FARM AS BUSINESS	2	0.5	16,319	35,995	*	0
4300 SOC POLIT ORGANIZ	6	1.0	26,070	57,349	*	0
4600 FARM COOPERATIVES	1	0.0	48	48	*	0
4700 OTH MARKET PROCESS	1	0.0	48	48	*	0
4800 MARKETING SYSTEMS	1	0.0	120	120	*	0
6700 PLANTS	7	1.9	91,280	169,408	*	5,397
6800 ANIMALS (VERTEBRATES)	4	1.4	45,962	91,446	*	0
9900 UNCLASSIFIED	1	0.2	9,779	19,614	*	0
TOTAL	236	61.0	1,269,625	4,026,852	*	317,537

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW YORK GENEVA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1	0.4	12,160	31,986	*	0
0400 AIR AND CLIMATE	1	0.4	2,354	32,543	*	0
0600 TIMBER FORST PRODUCT	1	0.1	0	6,402	*	0
0800 WILDLIFE AND FISH	1	0.5	0	25,623	*	0
1000 FRUIT NUTS DECIDUCUS	83	35.9	235,640	2,827,263	*	137,197
1100 POTATOES	4	0.5	578	29,889	*	0
1200 VEGETABLES	53	22.4	256,954	1,734,754	*	130,663
1300 ORNAMENTALS TURF	5	1.0	15,541	93,849	*	0
1800 OTHER SMALL GRAINS	1	0.1	842	6,185	*	0
2000 FORAGE CROPS	4	0.4	19,815	41,791	*	0
2300 SOYBEANS	1	0.1	842	6,185	*	0
2800 MISC NEW CROPS	2	0.4	0	23,591	*	0
3800 FOOD	3	1.7	3,574	105,411	*	0
6200 SEED RESEARCH	9	2.4	11,204	223,483	*	0
6300 BIO CELL SYSTEMS	1	0.2	0	11,371	*	0
6500 INVERTEBRATES	1	1.0	0	113,817	*	9,534
6700 PLANTS	1	0.2	0	20,334	*	0
9900 UNCLASSIFIED	1	0.0	19,169	19,169	*	0
TOTAL	173	67.5	578,672	5,353,644	*	277,394

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW YORK ITHACA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	33	9.2	130,056	959,183	*	61,955
0200 WATER	22	6.6	23,596	518,131	*	518
0300 WATERSHEDS RIVER EAS	3	0.3	5,333	30,113	*	0
0400 AIR AND CLIMATE	5	1.4	20,739	110,327	*	0
0500 RECREATION RESOURCES	5	2.3	27,817	133,843	*	0
0600 TIMBER FORST PRODUCT	21	5.2	82,495	387,565	*	16,055
0700 RANGE	1	0.2	0	9,804	*	0
0800 WILDLIFE AND FISH	40	7.3	56,359	1,459,413	*	2,364
0900 CITRUS SUB TROP FRUIT	1	0.0	5,284	6,882	*	0
1000 FRUIT NUTS DECIDUCUS	26	5.8	140,213	805,158	*	49,749
1100 POTATOES	29	4.8	114,155	1,116,376	*	237,570
1200 VEGETABLES	48	12.1	294,943	1,419,748	*	47,675
1300 ORNAMENTALS TURF	18	5.1	99,719	761,243	*	0
1400 CORN	25	6.7	131,940	709,812	*	1,686
1600 RICE	5	1.1	6,530	68,159	*	8,310
1700 WHEAT	9	1.4	19,535	117,194	*	13,890
1800 OTHER SMALL GRAINS	8	1.3	31,556	119,556	*	14,508
1900 PASTURE	1	0.1	1,664	7,965	*	0
2000 FORAGE CROPS	28	6.4	126,065	684,410	*	25,275
2300 SOYBEANS	6	3.5	28,717	288,092	*	27,980
2500 OTHER OILSEED CROPS	1	0.1	4,619	9,025	*	0
2700 SUGAR CROPS	1	0.6	2,265	69,183	*	0
2800 MISC NEW CROPS	1	0.1	5,059	16,403	*	0
2900 POULTRY	32	12.8	190,874	1,530,480	*	2,305
3000 BEEF CATTLE	27	3.6	201,067	697,184	*	64,237
3100 DAIRY CATTLE	81	25.8	372,745	3,017,614	*	151,386
3200 SWINE	10	1.8	25,713	239,726	*	0
3300 SHEEP AND WOOL	12	1.1	24,965	214,202	*	93
3400 OTHER ANIMALS	25	4.9	48,957	725,760	*	24,027
3500 BEES AND HONEY	3	1.9	6,090	106,828	*	0
3600 FARM SUPP & FACILITS	4	0.8	9,679	185,531	*	0
3700 CLOTHING & TEXTILES	4	0.8	22,300	193,035	*	0
3800 FOOD	31	9.4	108,549	1,070,806	*	131,741
3900 HOUSING & EQUIP	15	4.6	47,176	696,117	*	75,055
4000 PEOPLE AS INDIVIDUAL	52	24.6	151,198	1,924,383	*	57,246
4100 FAMILY MEMBERS	13	15.6	51,816	1,473,325	*	0
4200 FARM AS BUSINESS	10	3.5	69,461	264,986	*	19,659
4300 SOC POLIT ORGANIZ	32	5.2	91,606	736,198	*	168,045
4400 AGRIC ECONOMY U S	2	0.5	13,131	43,180	*	0
4500 AGRIC ECONOMY FORGN	4	1.3	4	102,182	*	19,455
4600 FARM COOPERATIVES	2	0.2	3,475	16,851	*	0
4700 OTH MARKET PROCESS	5	1.1	18,325	65,934	*	0
4800 MARKETING SYSTEMS	5	1.8	20,516	183,049	*	0
6100 WEEDS	1	0.1	6,085	20,787	*	0
6300 BIO CELL SYSTEMS	28	8.3	59,316	1,226,477	*	87,603
6400 EXP DESIGN/STAT METH	7	2.5	30,837	219,194	*	0
6500 INVERTEBRATES	15	4.9	52,006	568,199	*	0
6600 MICROORGANISMS, VIRUS	31	10.9	101,264	1,169,336	*	73,018
6700 PLANTS	24	8.0	58,469	898,667	*	80,624
6800 ANIMALS (VERTEBRATES)	28	14.3	49,653	1,422,357	*	1
6900 RESEARCH ON RSCH MGH	1	0.0	1	174,997	*	9,711
7000 RSCH EQUIP & TECHNOL	5	2.0	8,768	124,417	*	0
9900 UNCLASSIFIED	2	0.0	74,575	74,575	*	0
TOTAL	848	253.6	3,277,276	29,197,958	*	1,471,740

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NORTH CAROLINA RALEIGH SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	32	8.4	135,404	957,799	*	30,999
0200 WATER	15	5.4	91,833	645,991	*	78,667
0300 WATERSHEDS RIVER LAS	2	0.9	36,474	62,047	*	0
0500 RECREATION RESOURCES	5	1.1	29,656	270,383	*	186,196
0600 TIMBER FORST PRODUCT	46	19.8	353,792	2,031,558	*	157,413
0800 WILDLIFE AND FISH	26	4.6	39,515	753,183	*	3,229
1000 FRUIT NUTS DECIDUCUS	50	15.2	207,422	2,106,208	*	42,521
1100 POTATOES	8	1.3	19,861	183,849	*	523
1200 VEGETABLES	51	15.3	230,198	2,273,168	*	32,233
1300 ORNAMENTALS TURF	26	8.7	171,145	1,032,265	*	29,835
1400 CORN	48	11.1	208,466	1,565,725	*	48,783
1500 GRAIN SORGHUM	2	0.1	271	20,911	*	0
1700 WHEAT	10	1.4	40,941	148,514	*	7,035
1800 OTHER SMALL GRAINS	6	1.2	23,885	94,611	*	204
1900 PASTURE	4	0.0	2,765	61,262	*	0
2000 FORAGE CROPS	21	5.2	81,150	662,284	*	0
2100 COTTON	18	3.7	97,928	535,945	*	43,777
2300 SOYBEANS	59	9.8	370,309	1,709,670	*	152,453
2400 PEANUTS	26	6.8	127,738	993,656	*	28,737
2500 OTHER OILSEED CROPS	1	0.1	78	3,065	*	0
2600 TOBACCO	61	22.8	299,696	3,552,550	*	96,250
2800 MISC NEW CROPS	2	0.2	4,151	27,453	*	0
2900 POULTRY	51	17.8	478,248	2,399,049	*	3,574
3000 BEEF CATTLE	33	6.7	212,270	1,208,258	*	23,944
3100 DAIRY CATTLE	42	13.0	484,885	1,762,546	*	7,995
3200 SWINE	35	8.5	304,508	1,608,979	*	4,027
3300 SHEEP AND WOOL	7	0.5	11,114	145,519	*	0
3400 OTHER ANIMALS	14	2.7	29,374	241,586	*	0
3500 BEES AND HONEY	1	0.5	0	33,819	*	0
3700 CLOTHING & TEXTILES	2	0.7	19,894	38,903	*	0
3800 FOOD	10	2.0	51,755	156,237	*	241
3900 HOUSING & EQUIP	3	0.7	18,652	68,312	*	0
4000 PEOPLE AS INDIVIDUAL	21	5.2	94,892	412,289	*	12,321
4100 FAMILY MEMBERS	8	2.9	80,162	158,269	*	4,772
4200 FARM AS BUSINESS	5	0.7	15,031	55,490	*	0
4300 SOC POLIT ORGANIZ	11	2.8	96,932	231,289	*	2,189
4400 AGRIC ECONOMY U S	1	0.0	154	154	*	0
4700 OTH MARKET PROCESS	1	0.0	0	6,642	*	0
4800 MARKETING SYSTEMS	1	0.3	5,889	14,004	*	0
6100 WEEDS	6	0.6	33,773	184,161	*	4,083
6200 SEED RESEARCH	1	0.0	0	9,879	*	0
6300 BIO CELL SYSTEMS	16	4.1	23,643	493,879	*	10,423
6400 EXP DESIGN/STAT METH	4	0.4	1,887	26,014	*	0
6500 INVERTEBRATES	18	5.2	30,476	627,382	*	0
6600 MICROORGANISMS, VIRUS	14	1.6	32,532	196,910	*	0
6700 PLANTS	34	9.2	138,269	1,458,607	*	145,609
6800 ANIMALS (VERTEBRATES)	24	5.9	75,086	992,552	*	23
7000 RSCH EQUIP & TECHNOL	2	0.1	0	32,598	*	6,137
9900 UNCLASSIFIED	1	0.0	2,722	2,722	*	0
TOTAL	885	235.3	4,814,822	32,258,149	*	1,164,191

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NORTH DAKOTA FARGO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	35	11.5	113,182	1,139,168	*	165
0200 WATER	25	5.0	65,451	527,890	*	6,335
0300 WATERSHEDS RIVER EAS	3	1.3	3,194	68,641	*	0
0400 AIR AND CLIMATE	6	1.2	29,071	108,929	*	0
0600 TIMBER FORST PRODUCT	2	1.1	37,938	138,265	*	0
0700 RANGE	13	2.9	48,057	382,912	*	16,665
1000 FRUIT NUTS DECIDUCUS	2	0.7	10,376	61,905	*	0
1100 POTATOES	9	3.1	88,403	397,017	*	0
1200 VEGETABLES	14	2.3	28,164	227,029	*	32,099
1300 ORNAMENTALS TURF	4	0.7	14,342	65,081	*	0
1400 CORN	15	2.0	28,356	189,871	*	0
1700 WHEAT	56	15.2	276,223	1,753,317	*	97,321
1800 OTHER SMALL GRAINS	41	9.0	110,462	868,231	*	7,845
1900 PASTURE	4	0.3	5,508	38,680	*	0
2000 FORAGE CROPS	18	3.0	47,654	446,110	*	2,565
2300 SOYBEANS	7	1.1	12,140	81,382	*	0
2500 OTHER OILSEED CROPS	33	6.9	66,495	769,827	*	19,057
2700 SUGAR CROPS	7	1.3	33,023	215,664	*	3,024
2800 MISC NEW CROPS	8	0.5	2,981	74,995	*	0
2900 POULTRY	2	0.6	20,445	104,766	*	0
3000 BEEF CATTLE	29	7.7	214,052	967,726	*	0
3100 DAIRY CATTLE	10	2.8	45,853	344,890	*	0
3200 SWINE	13	3.6	54,191	488,343	*	14,881
3300 SHEEP AND WOOL	13	3.2	59,910	394,292	*	0
3400 OTHER ANIMALS	1	0.0	589	4,354	*	0
3600 FARM SUPP & FACILITS	3	1.1	16,133	220,026	*	0
3700 CLOTHING & TEXTILES	1	0.1	2,507	7,603	*	0
3800 FOOD	2	0.3	1,461	51,134	*	28
3900 HOUSING & EQUIP	7	0.9	11,900	125,973	*	0
4000 PEOPLE AS INDIVIDUAL	7	0.8	13,105	85,676	*	0
4100 FAMILY MEMBERS	2	0.7	0	50,184	*	0
4200 FARM AS BUSINESS	3	0.8	9,120	76,035	*	0
4300 SOC POLIT ORGANIZ	9	2.1	28,938	231,572	*	0
4400 AGRIC ECONOMY U S	2	0.2	6,597	24,174	*	0
4800 MARKETING SYSTEMS	6	1.8	11,250	113,411	*	279
6100 WEEDS	1	0.1	1,466	4,772	*	0
6300 BIO CELL SYSTEMS	14	3.7	51,716	417,673	*	5,450
6400 EXP DESIGN/STAT METH	3	0.5	3,634	104,390	*	0
6500 INVERTEBRATES	3	0.8	15,091	63,760	*	0
6600 MICROORGANISMS, VIRUS	16	4.4	70,898	352,740	*	560
6700 PLANTS	16	6.3	25,386	1,061,783	*	20,722
6800 ANIMALS (VERTEBRATES)	7	4.7	976	633,375	*	2,577
TOTAL	472	116.2	1,686,235	13,483,565	*	229,573

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - OHIO WOOSTER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA STS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	37	8.5	236,172	1,133,910	*	16,575
0200 WATER	20	3.3	93,630	688,245	*	0
0300 WATERSHEDS RIVER EAS	2	0.3	0	116,380	*	0
0400 AIR AND CLIMATE	3	0.2	5,871	62,956	*	1,327
0500 RECREATION RESOURCES	4	0.6	6,423	52,015	*	0
0600 TIMBER FORST PRODUCT	30	9.5	246,987	997,592	*	26,744
0800 WILDLIFE AND FISH	3	1.2	15,865	84,747	*	0
1000 FRUIT NUTS DECIDUCUS	20	5.0	231,024	843,809	*	4,268
1100 POTATOES	5	1.7	46,099	248,575	*	0
1200 VEGETABLES	35	8.2	296,271	1,307,938	*	0
1300 ORNAMENTALS TURF	26	7.5	189,225	991,414	*	15,840
1400 CORN	32	8.4	346,667	1,403,114	*	27,684
1700 WHEAT	12	1.3	86,030	358,799	*	1,638
1800 OTHER SMALL GRAINS	3	0.2	14,596	59,663	*	0
1900 PASTURE	4	0.9	41,440	198,643	*	7,337
2000 FORAGE CROPS	11	2.1	83,693	459,727	*	33,250
2300 SOYBEANS	39	9.6	326,192	1,440,611	*	66,331
2500 OTHER OILSEED CROPS	1	0.0	0	6,381	*	6,000
2600 TOBACCO	1	0.5	0	55,474	*	0
2700 SUGAR CROPS	6	1.1	13,586	151,233	*	0
2900 POULTRY	19	6.7	292,292	1,146,140	*	0
3000 BEEF CATTLE	15	5.8	218,781	1,580,167	*	12,373
3100 DAIRY CATTLE	35	10.3	398,952	1,894,841	*	59,794
3200 SWINE	18	7.9	257,907	1,471,892	*	28,989
3300 SHEEP AND WOOL	6	2.8	80,306	646,731	*	2,856
3400 OTHER ANIMALS	2	0.3	12,124	44,708	*	0
3500 BEES AND HONEY	1	0.2	16,876	43,501	*	0
3600 FARM SUPP & FACILITS	4	0.9	21,042	93,962	*	0
3700 CLOTHING & TEXTILES	3	0.7	15,627	49,048	*	0
3800 FOOD	14	0.8	26,535	94,348	*	0
3900 HCUSING & EQUIP	3	0.5	9,197	119,724	*	45,609
4000 PEOPLE AS INDIVIDUAL	16	3.0	73,936	318,129	*	0
4100 FAMILY MEMBERS	13	2.8	55,793	288,299	*	0
4200 FARM AS BUSINESS	6	0.7	27,069	89,953	*	0
4300 SOC POLIT ORGANIZ	11	2.7	79,089	197,765	*	0
4400 AGRIC ECONOMY U S	2	0.3	14,783	34,191	*	0
4700 OTH MARKET PROCESS	2	0.4	13,401	39,992	*	0
4800 MARKETING SYSTEMS	4	0.8	33,767	91,164	*	0
6500 INVERTEBRATES	2	0.8	23,082	74,372	*	0
6600 MICROORGANISMS, VIRUS	1	0.3	11,249	29,258	*	0
6700 PLANTS	11	1.6	65,153	524,023	*	330,713
6800 ANIMALS (VERTEBRATES)	6	0.7	30,205	108,722	*	24,535
7000 RSCH EQUIP & TECHNOL	1	0.1	1,922	15,810	*	0
9900 UNCLASSIFIED	1	0.0	22,085	177,643	*	27,870
TOTAL	490	121.3	4,080,941	19,835,607	*	739,732

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - OKLAHOMA STILLWATER SARE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GR/CA STS 1980	WITH SARE AMOUNT 1980
0100 SOIL AND LAND	12	1.9	31,233	242,372	*	40,674
0200 WATER	12	3.8	39,530	353,125	*	0
0300 WATERSHEDS RIVER BAS	2	0.4	4,658	19,456	*	0
0500 RECREATION RESOURCES	2	0.3	36	52,909	*	11,980
0600 TIMBER FORST PRODUCT	16	4.6	139,573	342,988	*	0
0700 RANGE	6	2.7	11,262	189,746	*	15,426
0800 WILDLIFE AND FISH	2	0.0	804	9,290	*	7,125
1000 FRUIT NUTS DECIDUCUS	7	1.4	6,559	154,143	*	0
1200 VEGETABLES	5	1.1	3,336	110,176	*	0
1300 ORNAMENTALS TURF	10	2.7	14,083	208,555	*	0
1400 CORN	6	0.7	6,218	75,862	*	0
1500 GRAIN SORGHUM	17	2.0	80,994	295,821	*	0
1700 WHEAT	32	7.9	94,925	787,607	*	0
1800 OTHER SMALL GRAINS	10	1.4	8,627	100,690	*	0
1900 PASTURE	8	1.3	28,691	148,402	*	0
2000 FORAGH CROPS	22	7.1	136,481	628,692	*	69,159
2100 COTTON	13	3.8	185,617	438,247	*	0
2300 SOYBEANS	6	1.1	18,669	156,261	*	0
2400 PEANUTS	11	2.0	13,004	338,966	*	1,036
2800 MISC NEW CROPS	2	0.4	0	36,189	*	0
2900 POULTRY	2	0.7	35,701	50,786	*	0
3000 BEEF CATTLE	50	12.2	558,255	2,104,647	*	333,622
3100 DAIRY CATTLE	18	2.8	85,596	332,089	*	1,537
3200 SWINE	12	1.1	155,314	399,586	*	2,879
3300 SHEEP AND WOOL	6	0.7	10,272	142,577	*	17,204
3400 OTHER ANIMALS	2	0.3	8,301	11,330	*	0
3500 BEES AND HONEY	1	0.0	0	0	*	0
3600 FARM SUPP & FACILITS	4	1.9	17,098	97,045	*	0
3800 FOOD	4	1.0	4,449	95,328	*	2
3900 HOUSING & EQUIP	5	0.9	0	41,325	*	0
4000 PEOPLE AS INDIVIDUAL	11	0.6	29,642	87,780	*	0
4100 FAMILY MEMBERS	2	0.1	6,997	11,627	*	0
4200 FARM AS BUSINESS	13	4.0	100,430	230,925	*	66,172
4300 SOC POLIT ORGANIZ	7	1.2	54,984	84,760	*	532
4400 AGRIC ECONOMY U S	4	0.9	48,938	81,618	*	127
4700 OTH MARKET PROCESS	1	0.1	15,226	30,119	*	0
4800 MARKETING SYSTEMS	4	1.5	18,307	129,702	*	65,498
6100 WEEDS	1	0.1	12,435	40,224	*	0
6300 BIO CELL SYSTEMS	6	3.2	33,632	365,310	*	0
6500 INVERTEBRATES	4	1.9	1,931	181,087	*	5,272
6600 MICROORGANISMS, VIRUS	1	0.2	0	7,747	*	0
6700 PLANTS	13	2.0	12,478	202,911	*	21,100
6800 ANIMALS(VERTEBRATES)	11	2.3	88,358	271,707	*	2,172
6900 RESEARCH ON RSCH MGN	1	0.5	0	24,477	*	0
9900 UNCLASSIFIED	5	1.5	237,841	363,421	*	0
TOTAL	389	88.4	2,360,684	10,078,105	*	661,516

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - OREGON CORVALLIS SARE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GR/CA STS 1980	WITH SARE AMOUNT 1980
0100 SOIL AND LAND	26	4.6	73,054	1,236,376	*	138,418
0200 WATER	14	2.7	33,666	792,680	*	16,009
0300 WATERSHEDS RIVER BAS	2	0.5	0	32,072	*	1,357
0400 AIR AND CLIMATE	2	1.6	0	445,650	*	7,071
0500 RECREATION RESOURCES	1	0.1	3,863	13,767	*	0
0600 TIMBER FORST PRODUCT	14	3.4	23,649	342,151	*	0
0700 RANGE	12	3.7	25,537	316,117	*	19,560
0800 WILDLIFE AND FISH	41	10.6	85,286	1,599,208	*	53,826
1000 FRUIT NUTS DECIDUCUS	44	19.8	243,280	1,847,264	*	60,317
1100 POTATOES	17	3.5	21,685	306,928	*	7,612
1200 VEGETABLES	32	10.8	134,252	898,970	*	0
1300 ORNAMENTALS TURF	16	4.3	64,950	413,347	*	9,322
1400 CORN	4	0.4	0	42,835	*	0
1500 GRAIN SORGHUM	1	0.2	0	22,053	*	0
1700 WHEAT	27	5.1	65,660	959,376	*	16,882
1800 OTHER SMALL GRAINS	16	2.7	13,695	343,190	*	1,659
1900 PASTURE	6	0.8	1,719	100,915	*	0
2000 FORAGH CROPS	33	8.1	60,261	883,255	*	13,603
2300 SOYBEANS	2	1.0	0	65,176	*	56,065
2500 OTHER OILSEED CROES	1	0.3	0	149,355	*	24,844
2800 MISC NEW CROPS	13	1.3	37,329	249,064	*	1,659
2900 POULTRY	12	3.3	184,103	577,776	*	0
3000 BEEF CATTLE	34	11.7	183,350	1,542,247	*	130,771
3100 DAIRY CATTLE	16	3.3	85,639	810,253	*	25,345
3200 SWINE	10	1.6	26,028	394,334	*	0
3300 SHEEP AND WOOL	14	3.2	38,471	611,255	*	2,761
3400 OTHER ANIMALS	11	2.4	30,447	277,665	*	37,751
3500 BEES AND HONEY	3	1.4	39,087	115,108	*	12,934
3600 FARM SUPP & FACILITS	1	0.0	0	21	*	0
3800 FOOD	10	6.0	115,006	1,107,386	*	11,150
3900 HOUSING & EQUIP	2	0.1	151	3,558	*	0
4000 PEOPLE AS INDIVIDUAL	14	2.3	60,934	298,442	*	50,017
4100 FAMILY MEMBERS	5	0.6	21,628	59,384	*	14,756
4200 FARM AS BUSINESS	3	0.7	1,757	98,862	*	1,841
4300 SOC POLIT ORGANIZ	11	3.7	50,990	352,294	*	70,842
4400 AGRIC ECONOMY U S	1	0.6	0	35,278	*	175
4600 FARM COOPERATIVES	1	0.1	0	5,515	*	0
6100 WEEDS	2	0.5	17,495	39,536	*	0
6200 SEED RESEARCH	1	0.2	0	56,860	*	0
6300 BIO CELL SYSTEMS	4	1.1	708	191,222	*	0
6400 EIP DESIGN/STAT METH	5	0.3	3,743	132,575	*	0
6500 INVERTEBRATES	6	2.4	35,155	334,108	*	0
6600 MICROORGANISMS, VIRUS	6	6.0	30,413	562,654	*	0
6700 PLANTS	17	4.3	37,721	601,753	*	5,858
6800 ANIMALS(VERTEBRATES)	9	4.6	642	713,518	*	640
6900 RESEARCH ON RSCH MGN	1	0.1	2,987	6,215	*	0
7000 RSCH EQUIP & TECHNOL	1	0.2	0	20,698	*	0
9900 UNCLASSIFIED	1	0.0	27,888	29,891	*	0
TOTAL	525	145.8	1,882,229	20,038,156	*	793,041

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - PENNSYLVANIA COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	22	5.2	191,113	505,790	*	3,438
0200 WATER	6	1.3	37,513	80,242	*	2,865
0300 WATERSHEDS RIVER BAS	5	0.5	23,310	243,371	*	2,959
0400 AIR AND CLIMATE	1	0.2	2,872	19,829	*	0
0500 RECREATION RESOURCES	2	0.5	13,529	40,095	*	0
0600 TIMBER FORST PRODUCT	23	7.0	266,056	565,421	*	15,806
0800 WILDLIFE AND FISH	15	2.9	108,697	420,622	*	15,337
1000 FRUIT NUTS DECIDUCUS	30	10.7	355,833	1,226,442	*	4,454
1100 POTATOES	6	1.2	51,830	221,619	*	12,878
1200 VEGETABLES	19	8.2	253,358	890,451	*	29,163
1300 ORNAMENTALS TURF	21	7.7	147,619	621,788	*	0
1400 CORN	16	4.6	140,957	463,340	*	2,700
1700 WHEAT	7	1.9	35,185	192,465	*	45,205
1800 OTHER SMALL GRAINS	7	1.1	16,298	79,137	*	900
1900 PASTURE	1	0.3	8,884	58,713	*	0
2000 FORAGE CROPS	23	8.7	289,318	897,552	*	109,647
2300 SOYBEANS	1	0.0	1,416	7,705	*	0
2600 TOBACCO	3	0.6	11,708	50,398	*	0
2900 POULTRY	19	10.0	348,218	991,592	*	5,212
3000 BEEF CATTLE	20	3.3	119,139	451,870	*	18,860
3100 DAIRY CATTLE	30	9.4	407,723	1,361,753	*	5,716
3200 SWINE	12	2.3	146,276	488,466	*	0
3300 SHEEP AND WOOL	9	1.0	31,060	181,213	*	49,075
3400 OTHER ANIMALS	10	1.0	61,602	122,073	*	9
3500 BEES AND HONEY	2	0.4	7,897	19,805	*	0
3600 FARM SUPP & FACILITS	5	0.4	5,724	77,018	*	16,492
3800 FOOD	16	3.0	167,322	376,527	*	11,180
3900 HOUSING & EQUIP	3	1.1	45,871	146,555	*	0
4000 PEOPLE AS INDIVIDUAL	17	4.2	125,031	293,338	*	14,571
4100 FAMILY MEMBERS	1	1.1	32,320	77,497	*	0
4200 FARM AS BUSINESS	3	1.5	22,031	73,987	*	299
4300 SOC POLIT ORGANIZ	12	7.4	309,955	709,721	*	12,123
4500 AGRIC ECONOMY FORGM	1	2.9	0	37,125	*	0
4800 MARKETING SYSTEMS	2	3.8	112,496	278,683	*	16,906
6100 WEEDS	1	0.3	14,064	23,502	*	0
6200 SEED RESEARCH	1	0.2	12,984	21,359	*	0
6300 BIO CELL SYSTEMS	2	0.5	13,359	52,273	*	0
6500 INVERTEBRATES	4	1.7	36,931	124,849	*	8,473
6600 MICROORGANISMS, VIRUS	8	1.7	41,363	108,828	*	0
6700 PLANTS	23	4.2	117,555	517,043	*	261,085
6800 ANIMALS (VERTEBRATES)	10	1.3	45,904	215,295	*	114,799
7000 RSCH EQUIP & TECHNOL	5	0.8	27,284	64,293	*	0
9900 UNCLASSIFIED	1	1.2	120,960	315,619	*	18,105
TOTAL	425	127.0	4,328,560	13,685,263	*	798,257

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - PUERTO RICO RIO PIEDRAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	5	2.1	23,923	132,307	*	0
0200 WATER	3	1.0	11,423	54,775	*	0
0400 AIR AND CLIMATE	1	0.4	0	21,478	*	0
0800 WILDLIFE AND FISH	1	0.2	18,339	46,418	*	0
0900 CITRUS SUB TROP FEUT	29	16.9	387,087	1,162,824	*	1,326
1100 POTATOES	1	0.2	0	6,929	*	0
1200 VEGETABLES	37	20.8	558,199	1,786,023	*	1,699
1300 ORNAMENTALS TURF	7	2.0	79,378	183,859	*	0
1400 CORN	4	1.0	32,081	99,313	*	0
1500 GRAIN SOBGHUM	1	0.4	21,558	46,822	*	0
1600 RICE	6	2.3	56,600	202,955	*	0
1900 PASTURE	6	3.0	143,385	399,750	*	497
2000 FORAGE CROPS	7	4.5	184,061	772,932	*	0
2300 SOYBEANS	2	0.7	21,558	74,971	*	0
2600 TOBACCO	2	0.1	782	6,998	*	0
2700 SUGAR CROPS	20	16.3	600,078	1,771,510	*	622
2800 MISC NEW CROPS	15	4.6	135,886	373,561	*	0
2900 POULTRY	3	0.4	0	38,960	*	0
3000 BEEF CATTLE	4	1.7	48,566	186,298	*	26,453
3100 DAIRY CATTLE	5	3.9	238,957	554,409	*	0
3200 SWINE	1	0.0	0	477	*	0
3800 FOOD	2	4.5	204,448	445,461	*	0
4000 PEOPLE AS INDIVIDUAL	3	1.1	45,987	94,275	*	0
4100 FAMILY MEMBERS	1	0.4	19,319	37,498	*	0
4200 FARM AS BUSINESS	3	2.9	83,372	171,468	*	0
4300 SOC POLIT ORGANIZ	2	0.6	31,819	66,032	*	0
4400 AGRIC ECONOMY U S	1	0.1	8,071	18,852	*	0
6500 INVERTEBRATES	2	0.7	0	52,899	*	0
6700 PLANTS	3	3.0	70,642	191,450	*	0
6900 RESEARCH ON RSCH MGM	1	0.0	801	801	*	0
TOTAL	178	95.6	3,026,318	9,002,306	*	30,598

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - RHODE ISLAND KINGSTON SAERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAERS AMOUNT 1980
0100 SOIL AND LAND	5	1.0	26,108	116,978	*	207
0200 WATER	5	1.0	26,108	116,978	*	207
0300 WATERSHEDS RIVER BAS	1	0.0	0	0	*	207
0400 AIR AND CLIMATE	1	0.5	0	3,257	*	0
0500 RECREATION RESOURCES	1	0.8	3,666	86,575	*	0
0600 TIMBER FORST PRODUCT	5	4.7	160,377	221,393	*	207
0800 WILDLIFE AND FISH	15	6.4	124,753	594,581	*	207
0900 CITRUS SUB TROP FRUT	2	0.7	9,505	42,051	*	0
1000 FRUIT NUTS DECIDUCUS	2	0.3	17,539	64,460	*	207
1100 POTATOES	1	0.8	0	46,440	*	25,000
1200 VEGETABLES	3	1.0	53,051	128,074	*	0
1300 ORNAMENTALS TURF	6	5.1	161,245	384,747	*	0
1400 CORN	1	0.0	0	207	*	207
1900 PASTURE	1	0.0	0	103	*	103
2000 FORAGE CROPS	2	0.5	15,259	116,197	*	103
2900 POULTRY	4	1.0	54,950	107,021	*	207
3100 DAIRY CATTLE	1	0.0	0	1,054	*	0
3400 OTHER ANIMALS	2	0.4	27,298	37,323	*	0
3800 FOOD	4	1.7	57,242	234,891	*	0
3900 HOUSING & EQUIP	1	0.0	0	207	*	207
4000 PEOPLE AS INDIVIDUAL	4	1.3	28,868	94,361	*	0
4300 SOC POLIT ORGANIZ	1	1.4	40,757	103,432	*	0
4400 AGRIC ECONOMY U S	1	0.5	9,482	16,871	*	0
6400 EXP DESIGN/STAT METH	1	0.8	5,369	42,045	*	0
6500 INVERTEBRATES	1	0.5	7,290	11,562	*	0
6700 PLANTS	3	1.2	64,842	129,762	*	0
6800 ANIMALS(VERTEBRATES)	1	0.2	3,645	5,781	*	0
9900 UNCLASSIFIED	1	0.0	280	12,011	*	0
TOTAL	76	31.7	897,634	2,718,568	*	27,065

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - SOUTH CAROLINA CLEMSON SAERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAERS AMOUNT 1980
0100 SOIL AND LAND	12	2.0	62,850	296,299	*	0
0200 WATER	9	1.2	65,038	164,947	*	0
0300 WATERSHEDS RIVER BAS	1	0.2	7,668	19,155	*	0
0400 AIR AND CLIMATE	1	0.1	5,171	8,529	*	0
0600 TIMBER FORST PRODUCT	4	0.5	9,673	41,496	*	0
0800 WILDLIFE AND FISH	8	2.4	50,919	237,143	*	0
1000 FRUIT NUTS DECIDUCUS	32	8.8	172,866	978,626	*	0
1200 VEGETABLES	27	8.5	77,282	1,067,404	*	0
1300 ORNAMENTALS TURF	17	3.8	139,858	420,625	*	0
1400 CORN	22	4.4	68,691	392,496	*	0
1500 GRAIN SORGHUM	2	0.1	0	17,793	*	0
1700 WHEAT	6	0.6	26,319	93,199	*	0
1800 OTHER SMALL GRAINE	5	0.4	16,690	104,933	*	0
1900 PASTURE	3	0.3	20,623	69,888	*	0
2000 FORAGE CROPS	13	4.3	71,282	431,880	*	0
2100 COTTON	18	2.6	45,948	329,345	*	0
2300 SOYBEANS	38	10.9	276,312	1,185,057	*	0
2400 PEANUTS	5	0.3	18,498	58,233	*	0
2500 OTHER OILSEED CROFS	3	1.2	5,680	87,646	*	0
2600 TOBACCO	11	4.0	13,121	502,342	*	0
2700 SUGAR CROPS	1	0.1	1,457	4,549	*	0
2800 MISC NEW CROPS	1	0.0	0	5,653	*	0
2900 POULTRY	23	4.5	183,919	655,232	*	18,363
3000 BEEF CATTLE	25	6.1	295,996	1,219,860	*	0
3100 DAIRY CATTLE	27	4.9	227,234	1,303,520	*	0
3200 SWINE	24	3.2	84,412	382,017	*	0
3300 SHEEP AND WOOL	4	0.3	26,561	95,089	*	0
3400 OTHER ANIMALS	9	0.9	31,853	154,510	*	0
3700 CLOTHING & TEXTILES	1	0.0	5,254	18,312	*	0
3800 POOL	10	0.9	54,160	215,203	*	0
3900 HOUSING & EQUIP	6	0.8	17,529	89,475	*	0
4000 PEOPLE AS INDIVIDUAL	13	1.1	58,401	143,750	*	0
4100 FAMILY MEMBERS	3	0.2	9,447	24,172	*	0
4200 FARM AS BUSINESS	10	2.7	68,420	199,380	*	0
4300 SOC POLIT ORGANIZ	5	2.0	56,588	187,173	*	0
4400 AGRIC ECONOMY U S	3	0.6	14,768	25,410	*	0
4600 FARM COOPERATIVES	1	0.1	4,688	7,915	*	0
4700 OTH MARKET PROCESS	1	0.1	0	24,802	*	0
4800 HARVESTING SYSTEMS	1	0.1	0	24,802	*	0
6300 BIO CELL SYSTEMS	1	0.0	647	933	*	0
6400 EXP DESIGN/STAT METH	1	1.4	0	130,705	*	0
6500 INVERTEBRATES	6	1.0	11,264	140,673	*	0
6600 MICROORGANISMS, VIRUS	2	0.3	8,174	31,498	*	0
6700 PLANTS	12	1.4	29,927	232,178	*	15,817
6800 ANIMALS(VERTEBRATES)	6	0.3	3,425	67,877	*	1,190
9900 UNCLASSIFIED	1	0.0	24,635	227,665	*	203,030
TOTAL	434	89.4	2,373,244	12,119,387	*	238,400

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - SOUTH DAKOTA BROOKINGS SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SIS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	10	5.5	103,601	358,781	*	2,997
0200 WATER	13	5.4	53,504	290,643	*	0
0400 AIR AND CLIMATE	2	0.7	17,607	35,728	*	0
0500 RECREATION RESOURCES	2	0.4	9,117	51,573	*	0
0600 TIMBER FORST PRODUCT	10	3.2	73,653	153,302	*	0
0700 RANGE	6	4.0	42,286	162,767	*	34,534
0800 WILDLIFE AND FISH	8	1.9	24,879	193,037	*	0
1000 FRUIT NUTS DECIDUCUS	4	0.8	28,186	47,035	*	0
1100 POTATOES	1	0.1	2,657	3,948	*	0
1200 VEGETABLES	4	1.2	32,883	58,503	*	0
1300 ORNAMENTALS TURF	5	1.7	4,120	22,847	*	0
1400 CORN	13	2.9	54,832	176,884	*	0
1500 GRAIN SORGHUM	3	0.4	6,606	22,510	*	0
1700 WHEAT	18	5.7	150,582	396,758	*	15,607
1800 OTHER SMALL GRAINS	11	4.0	36,041	227,477	*	0
1900 PASTURE	1	0.1	879	7,958	*	0
2000 FORAGE CROPS	16	4.8	107,944	273,556	*	0
2300 SOYBEANS	9	1.7	14,128	82,986	*	0
2500 OTHER OILSEED CROPS	8	2.6	68,014	151,773	*	0
2800 MISC NEW CROPS	2	0.2	0	12,718	*	0
2900 POULTRY	8	2.3	88,254	159,944	*	0
3000 BEEF CATTLE	36	18.8	320,262	985,097	*	117,457
3100 DAIRY CATTLE	11	4.8	136,587	289,515	*	0
3200 SWINE	18	7.8	157,772	423,189	*	31,156
3300 SHEEP AND WOOL	13	2.7	71,892	169,173	*	0
3400 OTHER ANIMALS	5	2.8	21,360	48,194	*	0
3600 FARM SUPP & FACILITS	2	0.6	7,907	32,307	*	0
3700 CLOTHING & TEXTILES	3	1.9	20,404	58,159	*	0
3800 FOOD	2	0.5	6,850	12,332	*	0
3900 HOUSING & EQUIP	5	2.3	9,334	114,239	*	0
4000 PEOPLE AS INDIVIDUAL	6	1.2	22,114	47,227	*	0
4200 FARM AS BUSINESS	2	1.7	0	39,346	*	0
4300 SOC POLIT ORGANIZ	9	3.9	46,929	207,321	*	0
4800 MARKETING SYSTEMS	2	1.2	6,273	31,803	*	0
6300 BIO CELL SYSTEMS	1	0.0	0	1,216	*	0
6600 MICROORGANISMS, VIRUS	1	0.2	7,501	22,022	*	0
6700 PLANTS	13	6.7	15,044	673,125	*	0
6800 ANIMALS (VERTEBRATES)	3	0.1	0	80,604	*	0
9900 UNCLASSIFIED	1	0.0	18,321	216,244	*	0
TOTAL	287	106.9	1,788,321	6,341,900	*	201,751

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - TENNESSEE KNOXVILLE SABS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SIS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	9	4.5	172,068	389,030	*	113
0200 WATER	3	0.7	22,820	61,197	*	0
0300 WATERSHEDS RIVER BAS	2	1.0	31,474	74,383	*	0
0400 AIR AND CLIMATE	1	0.3	8,500	36,862	*	0
0500 RECREATION RESOURCES	3	0.7	21,858	69,910	*	18,674
0600 TIMBER FORST PRODUCT	17	5.9	210,714	699,628	*	18,008
0800 WILDLIFE AND FISH	7	2.8	77,062	331,548	*	1,422
1000 FRUIT NUTS DECIDUCUS	7	1.9	90,791	229,937	*	0
1100 POTATOES	1	0.0	0	3,623	*	0
1200 VEGETABLES	11	5.3	158,533	464,980	*	0
1300 ORNAMENTALS TURF	9	5.6	149,711	533,868	*	0
1400 CORN	15	5.5	141,521	510,833	*	0
1500 GRAIN SORGHUM	2	0.4	3,926	40,182	*	0
1700 WHEAT	5	1.6	40,598	137,461	*	0
1800 OTHER SMALL GRAINS	4	0.9	27,074	103,014	*	0
1900 PASTURE	2	0.3	2,167	21,799	*	0
2000 FORAGE CROPS	12	5.6	187,269	652,556	*	0
2100 COTTON	17	7.6	195,877	654,996	*	0
2200 COTTONSEED	1	0.1	3,338	5,933	*	0
2300 SOYBEANS	21	7.6	192,578	684,011	*	13,106
2400 PEANUTS	1	0.1	3,338	5,933	*	0
2500 OTHER OILSEED CROPS	2	0.1	3,763	10,281	*	0
2600 TOBACCO	7	4.0	101,845	455,236	*	0
2700 SUGAR CROPS	1	0.2	4,717	10,229	*	0
2800 MISC NEW CROPS	1	0.2	8,000	14,650	*	0
2900 POULTRY	10	2.5	114,768	324,493	*	0
3000 BEEF CATTLE	31	19.5	446,661	3,427,927	*	56,105
3100 DAIRY CATTLE	15	10.0	247,792	2,534,057	*	33,799
3200 SWINE	20	10.8	158,907	1,410,964	*	0
3300 SHEEP AND WOOL	5	0.8	5,962	95,466	*	33,460
3400 OTHER ANIMALS	4	1.9	12,950	230,248	*	0
3700 CLOTHING & TEXTILES	1	0.4	20,324	31,563	*	0
3800 FOOD	17	3.9	187,315	390,763	*	0
3900 HOUSING & EQUIP	3	0.6	13,584	40,013	*	0
4000 PEOPLE AS INDIVIDUAL	13	3.7	108,754	227,037	*	0
4100 FAMILY MEMBERS	6	2.1	64,243	131,628	*	0
4200 FARM AS BUSINESS	8	2.3	85,447	149,634	*	0
4300 SOC POLIT ORGANIZ	4	1.5	41,545	84,871	*	0
4400 AGRIC ECONOMY U S	2	0.2	3,085	7,833	*	0
4500 AGRIC ECONOMY FORGN	1	0.1	1,081	3,668	*	0
4800 MARKETING SYSTEMS	1	0.1	4,480	7,213	*	0
6100 WEEDS	1	0.0	0	1,384	*	1,312
6300 BIO CELL SYSTEMS	1	0.9	37,449	58,153	*	0
6600 MICROORGANISMS, VIRUS	1	0.7	23,075	38,121	*	0
6700 PLANTS	6	1.3	22,920	139,381	*	5,540
6800 ANIMALS (VERTEBRATES)	4	0.2	7,920	14,464	*	1,243
9900 UNCLASSIFIED	2	0.0	20,018	20,018	*	0
TOTAL	317	125.8	3,487,820	15,570,976	*	182,783

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - TEXAS COLLEGE STATION SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	45	12.3	136,355	1,183,472	*	23,690
0200 WATER	37	11.1	233,460	1,185,959	*	46,138
0300 WATERSHEDS RIVER BAS	7	0.7	30,226	102,028	*	11,204
0400 AIR AND CLIMATE	7	1.2	36,805	102,896	*	0
0500 RECREATION RESOURCES	8	4.2	41,611	255,113	*	1,162
0600 TIMBER FORST PRODUCT	27	6.0	141,884	1,237,591	*	135,763
0700 RANGE	38	12.2	183,461	1,448,026	*	96,358
0800 WILDLIFE AND FISH	38	9.5	149,742	1,716,535	*	45,101
0900 CITRUS SUB TROP FRUIT	13	4.9	35,255	358,047	*	14,357
1000 FRUIT NUTS DECIDUCUS	31	7.6	107,755	937,950	*	5,315
1100 POTATOES	4	1.0	18,150	81,268	*	0
1200 VEGETABLES	41	14.6	215,870	1,540,923	*	17,379
1300 ORNAMENTALS TURF	19	7.3	82,321	711,445	*	0
1400 CORN	24	3.3	52,041	341,552	*	27,892
1500 GRAIN SORGHUM	55	19.2	180,067	1,561,640	*	14,295
1600 RICE	15	5.5	92,226	591,762	*	1,851
1700 WHEAT	23	6.0	80,656	518,742	*	29,505
1800 OTHER SMALL GRAINS	13	3.8	24,812	219,353	*	0
1900 PASTURE	12	3.8	43,900	369,428	*	0
2000 FORAGE CROPS	38	14.2	198,146	1,385,700	*	0
2100 COTTON	59	20.5	481,013	2,936,941	*	93,242
2200 COTTONSEED	7	0.9	9,827	130,561	*	0
2300 SOYBEANS	21	6.3	94,732	515,402	*	14,698
2400 PEANUTS	25	9.3	85,105	974,120	*	17,260
2500 OTHER OILSEED CROPS	6	1.5	15,273	151,603	*	0
2700 SUGAR CROPS	10	5.1	70,244	477,932	*	655
2800 MISC NEW CROPS	6	0.9	6,739	101,274	*	28,407
2900 POULTRY	22	11.0	59,999	1,222,809	*	9,897
3000 BEEF CATTLE	86	24.8	758,375	3,881,086	*	263,188
3100 DAIRY CATTLE	36	5.6	204,582	825,839	*	70,256
3200 SWINE	10	1.0	27,547	189,329	*	0
3300 SHEEP AND WOOL	27	5.1	60,612	612,487	*	39,638
3400 OTHER ANIMALS	31	4.8	71,315	645,541	*	54,794
3500 BEES AND HONEY	1	0.0	0	4,962	*	0
3600 FARM SUPP & FACILITS	3	0.0	87	16,709	*	1,835
3800 FOOD	14	6.2	54,225	297,405	*	49,106
3900 HOUSING & EQUIP	9	1.3	19,110	163,418	*	3,403
4000 PEOPLE AS INDIVIDUAL	16	2.8	137,982	312,443	*	6,634
4100 FAMILY MEMBERS	4	0.7	36,253	41,712	*	0
4200 FARM AS BUSINESS	7	2.4	105,198	183,097	*	3,250
4300 SOC POLIT ORGANIZ	13	1.1	62,476	218,269	*	0
4400 AGRIC ECONOMY U S	3	1.2	13,669	255,271	*	15,651
4500 AGRIC ECONOMY FORGM	1	0.0	0	6,552	*	0
4600 FARM COOPERATIVES	2	0.1	356	23,477	*	1,939
4700 OTH MARKET PROCESS	2	0.0	937	8,925	*	1,340
4800 MARKETING SYSTEMS	6	1.2	7,602	131,840	*	22,559
6100 WEEDS	3	0.2	1,356	15,213	*	0
6200 SEED RESEARCH	2	0.6	6,269	45,941	*	0
6300 BIO CELL SYSTEMS	6	1.3	6,810	160,771	*	0
6400 EXP DESIGN/STAT METH	1	0.3	1,058	8,548	*	0
6500 INVERTEBRATES	4	0.9	6,333	150,067	*	0
6600 MICROORGANISMS, VIUS	2	0.8	0	42,406	*	0
6700 PLANTS	18	4.3	100,888	472,185	*	20,976
6800 ANIMALS (VERTEBRATES)	9	0.7	3,059	87,409	*	218
7000 RSCH EQUIP & TECHNOL	3	0.1	4,589	12,656	*	488
9900 UNCLASSIFIED	2	2.4	56,975	324,314	*	0
TOTAL	972	273.6	4,655,333	31,562,939	*	1,189,441

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - UTAH LOGAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	14	4.0	93,455	363,879	*	35,835
0200 WATER	9	2.4	28,182	195,217	*	0
0300 WATERSHEDS RIVER BAS	3	0.8	26,505	77,111	*	6,006
0400 AIR AND CLIMATE	3	0.6	19,982	52,872	*	1,047
0500 RECREATION RESOURCES	3	1.3	33,082	78,506	*	0
0600 TIMBER FORST PRODUCT	6	0.5	17,984	64,355	*	26,790
0700 RANGE	18	4.6	66,018	518,189	*	17,950
1000 FRUIT NUTS DECIDUCUS	10	2.1	64,430	157,704	*	0
1100 POTATOES	3	0.2	492	22,888	*	0
1200 VEGETABLES	11	2.0	56,470	168,045	*	20,887
1300 ORNAMENTALS TURF	1	0.3	0	113,936	*	3,861
1400 CORN	2	0.2	3,096	17,634	*	5,558
1700 WHEAT	9	2.3	43,633	259,752	*	17,441
1800 OTHER SMALL GRAINS	6	1.5	6,192	128,981	*	15,844
2000 FORAGE CROPS	17	3.3	58,236	281,641	*	36,036
2700 SUGAR CROPS	4	0.0	492	6,486	*	0
2900 POULTRY	8	3.2	85,751	246,959	*	0
3000 BEEF CATTLE	13	6.8	125,079	1,096,144	*	43,990
3100 DAIRY CATTLE	22	7.4	166,524	1,002,383	*	18,705
3200 SWINE	3	0.4	3,201	40,499	*	3,478
3300 SHEEP AND WOOL	10	3.9	66,959	449,031	*	75,536
3400 OTHER ANIMALS	7	3.1	53,730	253,059	*	1,367
3500 BEES AND HONEY	3	0.9	3,740	56,820	*	9,274
3800 FOOD	6	1.7	23,126	222,710	*	81,790
3900 HOUSING & EQUIP	2	0.4	0	21,031	*	0
4000 PEOPLE AS INDIVIDUAL	11	3.8	36,172	46,714	*	81,790
4100 FAMILY MEMBERS	3	0.6	12,055	26,249	*	0
4200 FARM AS BUSINESS	4	1.4	0	68,551	*	5,257
4300 SOC POLIT ORGANIZ	7	3.0	41,400	168,850	*	0
4400 AGRIC ECONOMY U S	2	0.2	4,477	14,701	*	0
6100 WEEDS	1	0.0	0	391	*	0
6300 BIO CELL SYSTEMS	1	0.9	5,083	42,349	*	0
6500 INVERTEBRATES	1	0.8	19,987	42,524	*	0
6600 MICROORGANISMS, VIRUS	1	0.0	0	4,518	*	0
6700 PLANTS	18	4.8	132,710	420,831	*	10,054
6800 ANIMALS (VERTEBRATES)	8	4.6	31,565	325,074	*	21,060
7000 RSCH EQUIP & TECHNOL	2	1.0	0	32,436	*	0
9900 UNCLASSIFIED	1	0.0	2,721	2,721	*	0
TOTAL	253	75.0	1,332,487	7,461,741	*	539,556

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - VERMONT BURLINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	7	2.8	113,032	176,623	*	2,395
0200 WATER	2	0.3	16,980	24,134	*	0
0400 AIR AND CLIMATE	1	0.3	740	5,504	*	0
0500 RECREATION RESOURCES	1	0.7	17,873	17,873	*	0
0600 TIMBER FORST PRODUCT	6	2.2	88,215	229,032	*	13,926
1000 FRUIT NUTS DECIDUCUS	8	2.7	126,493	250,169	*	6,663
1100 POTATOES	1	0.2	0	31,204	*	0
1200 VEGETABLES	2	0.3	2,633	35,022	*	0
1300 ORNAMENTALS TURF	3	1.0	45,012	97,211	*	0
1400 CORN	1	0.1	104	1,556	*	0
1700 WHEAT	1	0.4	22,698	29,077	*	0
2000 FORAGE CROPS	4	1.4	28,306	83,894	*	0
2900 POULTRY	5	1.9	46,248	203,357	*	0
3000 BEEF CATTLE	2	0.2	10,965	14,533	*	0
3100 DAIRY CATTLE	17	5.4	165,921	567,835	*	42,725
3300 SHEEP AND WOOL	4	0.2	5,548	29,902	*	0
3400 OTHER ANIMALS	1	0.1	2,206	13,004	*	0
3600 FARM SUPP & FACILITIS	1	0.3	6,819	14,323	*	7,045
3700 CLOTHING & TEXTILES	1	0.0	630	630	*	0
3800 FOOD	1	0.5	35,379	50,008	*	0
3900 HOUSING & EQUIP	1	0.2	0	4,082	*	0
4000 PEOPLE AS INDIVIDUAL	7	2.2	97,183	116,959	*	0
4300 SOC POLIT ORGANIZ	2	0.3	13,851	16,180	*	0
6300 BIO CELL SYSTEMS	2	0.8	30,841	49,581	*	0
6600 MICROORGANISMS, VIRUS	1	0.9	30,145	36,912	*	0
6700 PLANTS	4	2.3	75,690	152,967	*	37,641
9900 UNCLASSIFIED	1	0.0	5,771	5,771	*	0
TOTAL	87	27.5	989,281	2,257,343	*	110,394

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - VIRGIN ISLANDS ST. THOMAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0800 WILDLIFE AND FISH	3	1.4	75,480	88,729	*	0
0900 CITRUS SUB TROP FRUIT	1	0.5	11,785	15,921	*	0
1000 FRUIT NUTS DECIDUCUS	1	0.1	1,305	1,769	*	0
1200 VEGETABLES	1	1.2	53,653	77,859	*	0
1500 GRAIN SORGHUM	1	0.2	10,862	14,803	*	0
1900 PASTURE	1	0.4	16,283	22,209	*	0
2000 FORAGE CROPS	1	0.2	10,862	14,803	*	0
3000 BEEF CATTLE	1	0.5	51,013	61,664	*	0
6700 PLANTS	1	0.0	0	2,229	*	2,229
9900 UNCLASSIFIED	1	0.0	13,190	13,190	*	0
TOTAL	12	4.5	244,393	313,176	*	2,229

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - VIRGINIA BLACKSBURG SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	17	11.0	13,140	1,724,002	*	33,395
0200 WATER	8	1.4	12,553	147,613	*	29,979
0300 WATERWAYS RIVER BAS	2	1.4	32,691	179,860	*	7,790
0500 RECREATION RESOURCES	2	1.1	26,959	195,082	*	59,552
0600 TIMBER FORST PRODUCT	25	11.4	252,149	2,004,243	*	297,805
0800 WILDLIFE AND FISH	15	2.8	44,786	767,018	*	159,758
1000 FRUIT NUTS DECIDUCOUS	20	8.3	109,163	835,228	*	2,547
1200 VEGETABLES	7	2.3	16,656	226,641	*	0
1300 ORNAMENTALS TURF	13	5.4	146,955	488,037	*	1,530
1400 CORN	14	3.3	69,470	356,942	*	1,480
1500 GRAIN SORGHUM	1	0.1	0	10,280	*	388
1700 WHEAT	6	1.4	49,770	131,084	*	912
1800 OTHER SMALL GRAINS	5	1.4	58,461	153,322	*	912
1900 PASTURE	3	0.6	11,456	82,443	*	9,308
2000 FORAGE CROPS	13	6.5	111,811	564,968	*	27,394
2100 COTTON	1	0.1	2,753	14,808	*	0
2300 SOYBEANS	15	5.9	111,625	638,202	*	25,361
2400 PEANUTS	6	3.3	51,848	529,464	*	43,148
2600 TOBACCO	16	7.4	51,402	623,832	*	740
2700 SUGAR CROPS	1	0.2	6,027	15,595	*	0
2800 MISC NEW CROPS	1	0.1	2,716	8,397	*	0
2900 POULTRY	30	9.8	403,560	1,379,422	*	4,119
3000 BEEF CATTLE	39	12.1	330,389	1,486,072	*	28,252
3100 DAIRY CATTLE	31	7.4	399,140	1,230,031	*	16,346
3200 SWINE	18	6.4	88,239	717,922	*	39,797
3300 SHEEP AND WOOL	14	3.3	94,709	427,154	*	18,919
3400 OTHER ANIMALS	6	0.9	10,277	148,188	*	16,241
3700 CLOTHING & TEXTILES	2	0.9	13,348	66,379	*	0
3800 FOOD	6	5.3	110,972	431,137	*	88,129
3900 HOUSING & EQUIP	4	1.6	35,131	178,199	*	43,927
4000 PEOPLE AS INDIVIDUAL	18	5.6	131,735	557,089	*	78,657
4100 FAMILY MEMBERS	2	0.5	12,777	48,215	*	0
4300 SOC POLIT ORGANIZ	3	1.5	35,992	125,251	*	0
4800 MARKETING SYSTEMS	1	0.1	4,698	6,920	*	0
6100 WEEDS	3	0.4	11,323	26,689	*	455
6300 BIO CELL SYSTEMS	5	3.3	50,995	367,350	*	10,509
6500 INVERTEBRATES	4	3.7	70,389	255,039	*	0
6600 MICROORGANISMS, VIRUS	4	10.0	8,525	1,655,457	*	24,837
6700 PLANTS	21	8.5	120,791	723,304	*	34,491
6800 ANIMALS (VERTEBRATES)	7	2.3	35,850	348,319	*	41,801
7000 RSCH EQUIP & TECHNOL	1	0.1	0	37,820	*	0
TOTAL	410	158.8	3,151,229	19,913,014	*	1,148,476

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - WASHINGTON PULLMAN SARE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARES AMOUNT 1980
0100 SOIL AND LAND	34	9.3	154,803	1,016,050	*	98,941
0200 WATER	13	2.3	37,526	344,512	*	23,623
0300 WATERSHEDS RIVER BAS	1	0.5	0	14,737	*	0
0400 AIR AND CLIMATE	2	0.4	9,292	30,812	*	8,061
0500 RECREATION RESOURCES	2	0.2	368	47,812	*	252
0600 TIMBER FORST PRODUCT	28	8.7	136,249	1,566,917	*	106,979
0700 RANGE	7	0.7	12,668	138,387	*	7,436
0800 WILDLIFE AND FISH	3	0.4	9,438	69,333	*	22,923
1000 FRUIT NUTS DECIDUCUS	60	24.6	447,480	3,314,188	*	77,039
1100 POTATOES	17	5.5	58,115	748,907	*	11,263
1200 VEGETABLES	49	14.4	226,827	1,822,387	*	138,077
1300 ORNAMENTALS TURF	15	6.1	14,184	607,762	*	552
1400 CORN	3	0.2	293	20,836	*	535
1700 WHEAT	34	6.4	123,484	1,224,346	*	136,102
1800 OTHER SMALL GRAINS	16	2.1	64,250	574,995	*	21,637
1900 PASTURE	1	0.2	0	11,405	*	0
2000 FORAGE CROPS	16	2.6	62,632	464,825	*	64,027
2300 SOYBEANS	4	0.5	0	49,300	*	2,526
2500 OTHER OILSEED CROPS	4	1.0	12,941	119,489	*	0
2700 SUGAR CROPS	2	0.5	0	81,847	*	779
2800 MISC NEW CROPS	13	3.2	47,004	525,768	*	34,825
2900 POULTRY	14	5.4	69,077	799,027	*	0
3000 BEEF CATTLE	26	4.9	199,327	1,024,126	*	45,114
3100 DAIRY CATTLE	25	5.2	158,565	691,017	*	0
3200 SWINE	6	0.6	23,233	276,320	*	0
3300 SHEEP AND WOOL	12	1.3	40,095	199,232	*	4,289
3400 OTHER ANIMALS	6	0.4	5,305	123,901	*	3,773
3500 BEES AND HONEY	3	0.7	32,072	73,181	*	8,092
3800 FOOD	11	3.7	95,633	331,858	*	43,302
3900 HOUSING & EQUIP	5	0.9	14,719	128,200	*	1,065
4000 PEOPLE AS INDIVIDUAL	11	3.9	87,664	250,429	*	2,800
4100 FAMILY MEMBERS	5	1.2	39,371	137,856	*	0
4200 FARM AS BUSINESS	2	1.1	50,824	95,492	*	1,232
4300 SOC POLIT ORGANIZ	7	2.0	42,983	113,907	*	0
4400 AGRIC ECONOMY U S	3	1.5	55,354	124,368	*	5,762
4600 FARM COOPERATIVES	1	0.0	0	9,880	*	678
4800 MARKETING SYSTEMS	1	0.1	0	93,327	*	21,231
6100 WEEDS	5	1.2	2,755	116,632	*	0
6300 BIO CELL SYSTEMS	2	0.7	0	191,713	*	26,277
6400 EXP DESIGN/STAT METH	2	0.2	2,205	17,923	*	5,764
6500 INVERTEBRATES	7	2.3	22,246	212,671	*	7,777
6600 MICROORGANISMS, VIRUS	5	0.7	12,612	98,866	*	26,086
6700 PLANTS	13	4.1	52,888	895,521	*	58,913
6800 ANIMALS (VERTEBRATES)	2	0.1	0	45,611	*	0
7000 RSCH EQUIP & TECHNOL	3	0.4	952	38,525	*	8,271
9900 UNCLASSIFIED	2	1.3	123,835	168,710	*	0
TOTAL	503	133.6	2,549,270	19,052,906	*	1,026,003

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - WEST VIRGINIA MORGANTOWN SARE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SARES AMOUNT 1980
0100 SOIL AND LAND	10	2.7	119,384	301,098	*	738
0200 WATER	2	0.8	55,092	87,774	*	0
0300 WATERSHEDS RIVER BAS	1	0.3	0	7,513	*	1,038
0500 RECREATION RESOURCES	5	1.8	37,354	74,716	*	0
0600 TIMBER FORST PRODUCT	19	5.6	222,865	548,158	*	35,174
0700 RANGE	1	0.3	58,491	112,823	*	0
0800 WILDLIFE AND FISH	11	1.0	32,487	100,287	*	5,640
1000 FRUIT NUTS DECIDUCUS	17	4.2	287,577	506,429	*	15,664
1100 POTATOES	4	1.5	96,800	142,301	*	0
1200 VEGETABLES	5	1.3	48,872	102,186	*	5,797
1300 ORNAMENTALS TURF	6	0.6	43,683	95,727	*	5,797
1400 CORN	4	0.4	27,120	54,934	*	5
1700 WHEAT	1	0.0	0	5,747	*	3
1800 OTHER SMALL GRAINS	1	0.0	0	5,747	*	3
1900 PASTURE	1	0.4	24,039	37,476	*	702
2000 FORAGE CROPS	9	1.9	57,410	128,235	*	2,566
2900 POULTRY	6	1.6	89,508	226,906	*	0
3000 BEEF CATTLE	11	2.8	325,384	694,680	*	809
3100 DAIRY CATTLE	6	1.8	145,365	320,316	*	0
3300 SHEEP AND WOOL	4	1.3	117,530	268,953	*	0
3400 OTHER ANIMALS	1	0.0	2,652	4,937	*	0
3500 BEES AND HONEY	1	0.0	3,785	5,301	*	0
3800 FOOD	1	0.2	12,634	19,403	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.4	19,168	29,258	*	0
4200 FARM AS BUSINESS	1	1.2	55,829	77,293	*	0
4300 SOC POLIT ORGANIZ	6	1.5	66,933	123,917	*	13,490
4800 MARKETING SYSTEMS	1	0.8	26,839	38,645	*	0
6300 BIO CELL SYSTEMS	1	0.3	20,140	33,797	*	0
6500 INVERTEBRATES	2	0.2	22,565	31,254	*	0
6700 PLANTS	2	0.1	0	9,740	*	483
6800 ANIMALS (VERTEBRATES)	2	0.2	2,325	17,895	*	0
TOTAL	145	35.2	2,021,829	4,213,445	*	87,906

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - WISCONSIN MADISON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	38	7.5	216,975	1,131,495	*	4,156
0200 WATER	13	3.0	53,832	388,702	*	10,926
0300 WATERSHEDS RIVER BAS	1	0.3	0	29,851	*	0
0400 AIR AND CLIMATE	1	0.1	0	3,602	*	0
0500 RECREATION RESOURCES	5	1.3	41,998	180,464	*	0
0600 TIMBER FORST PRODUCT	31	11.2	356,896	1,227,813	*	101,761
0700 RANGE	2	0.2	12,361	30,087	*	0
0800 WILDLIFE AND FISH	22	5.5	48,642	746,079	*	1,824
1000 FRUIT NUTS DECIUDOUS	9	2.2	37,860	224,757	*	0
1100 POTATOES	18	5.7	228,053	738,278	*	0
1200 VEGETABLES	42	10.9	218,400	1,235,316	*	47,756
1300 ORNAMENTALS TURF	8	1.9	9,203	159,910	*	0
1400 CORN	24	5.2	70,879	633,870	*	0
1700 WHEAT	4	0.6	0	63,653	*	0
1800 OTHER SMALL GRAINS	8	2.2	23,557	315,656	*	0
1900 PASTURE	1	0.3	0	18,421	*	0
2000 FORAGE CROPS	29	8.5	236,306	973,756	*	0
2300 SOYBEANS	16	2.7	63,120	535,524	*	50,675
2500 OTHER OILSEED CROPS	1	0.0	0	1,913	*	0
2600 TOBACCO	3	0.7	14,962	72,799	*	1,566
2800 MISC NEW CROPS	1	0.0	1,822	6,464	*	0
2900 POULTRY	18	4.9	156,110	974,142	*	213,395
3000 BEEF CATTLE	19	4.3	194,029	800,589	*	62,080
3100 DAIRY CATTLE	59	15.6	625,835	3,448,214	*	125,398
3200 SWINE	22	2.8	179,964	704,677	*	19,966
3300 SHEEP AND WOOL	4	0.4	15,819	133,003	*	2,478
3400 OTHER ANIMALS	6	1.8	22,722	619,173	*	0
3500 BEES AND HONEY	4	1.5	0	168,833	*	32,555
3800 FOOD	25	8.0	107,977	1,219,054	*	28,333
3900 HOUSING & EQUIP	3	0.5	4,428	36,598	*	4,981
4000 PEOPLE AS INDIVIDUAL	24	8.6	128,106	1,290,904	*	16,616
4100 FAMILY MEMBERS	6	1.7	55,598	109,895	*	0
4200 FARM AS BUSINESS	4	0.9	10,297	77,956	*	7,804
4300 SOC POLIT ORGANIZ	14	3.4	112,381	395,109	*	5,841
4400 AGRIC ECONOMY U S	5	1.1	30,501	171,651	*	55,643
4500 AGRIC ECONOMY FORGN	1	0.2	0	13,328	*	0
4600 FARM COOPERATIVES	5	0.7	17,918	71,459	*	4,564
4700 OTH MARKET PROCESS	1	0.6	13,650	37,461	*	0
4800 MARKETING SYSTEMS	7	1.0	20,277	107,959	*	31,863
6200 SEED RESEARCH	1	0.2	16,393	92,942	*	0
6300 BIO CELL SYSTEMS	18	6.7	18,533	1,631,190	*	0
6400 EXP DESIGN/STAT METH	2	0.4	1,257	49,819	*	0
6500 INVERTEBRATES	9	2.7	53,898	269,671	*	0
6600 MICROORGANISMS, VIRUS	24	9.3	65,433	2,521,036	*	53,811
6700 PLANTS	14	4.5	145,644	689,858	*	57,888
6800 ANIMALS (VERTEBRATES)	25	3.6	91,023	1,261,237	*	36,516
7000 RSCH EQUIP & TECHNOL	2	0.5	19,968	52,234	*	0
9900 UNCLASSIFIED	1	1.3	0	564,778	*	101,014
TOTAL	600	157.7	3,742,612	26,191,177	*	1,079,410

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - WYOMING LARAMIE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	7	1.8	22,359	73,648	*	0
0200 WATER	8	2.2	68,856	118,522	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	2,797	3,423	*	0
0400 AIR AND CLIMATE	2	0.4	11,125	20,410	*	0
0500 RECREATION RESOURCES	1	0.3	371	8,800	*	0
0600 TIMBER FORST PRODUCT	4	3.4	71,735	164,522	*	0
0700 RANGE	8	2.0	39,216	112,640	*	0
0800 WILDLIFE AND FISH	2	0.3	7,352	16,244	*	0
1100 POTATOES	1	0.3	11,210	13,333	*	0
1200 VEGETABLES	2	0.5	0	16,658	*	0
1300 ORNAMENTALS TURF	1	0.1	1,934	3,199	*	0
1400 CORN	5	0.6	4,361	32,510	*	0
1700 WHEAT	5	1.6	37,136	80,720	*	0
1800 OTHER SMALL GRAINS	5	1.5	26,396	65,283	*	0
1900 PASTURE	1	0.1	1,653	2,575	*	0
2000 FORAGE CROPS	11	3.9	100,312	210,303	*	3,535
2500 OTHER OILSEED CROPS	1	0.0	0	1,088	*	0
2700 SUGAR CROPS	6	1.4	33,868	79,712	*	0
2900 POULTRY	1	0.6	16,454	40,980	*	0
3000 BEEF CATTLE	20	8.8	381,704	669,109	*	159
3100 DAIRY CATTLE	6	1.1	47,345	107,593	*	0
3300 SHEEP AND WOOL	9	5.0	134,907	286,204	*	0
3400 OTHER ANIMALS	2	0.7	14,952	40,472	*	0
3600 FARM SUPP & FACILITS	1	0.0	0	1,882	*	1,882
3900 HOUSING & EQUIP	4	0.9	18,117	49,494	*	11,274
4000 PEOPLE AS INDIVIDUAL	1	0.2	4,161	9,883	*	0
4200 FARM AS BUSINESS	2	1.1	34,699	54,062	*	0
4300 SOC POLIT ORGANIZ	3	0.5	6,401	29,307	*	0
4400 AGRIC ECONOMY U S	2	0.4	2,776	14,937	*	0
4700 OTH MARKET PROCESS	2	0.2	7,764	12,034	*	3,340
6500 INVERTEBRATES	3	1.1	4,161	41,684	*	0
6600 MICROORGANISMS, VIRUS	1	0.4	0	10,975	*	0
6700 PLANTS	6	1.1	12,391	50,714	*	4,514
6800 ANIMALS (VERTEBRATES)	2	0.2	0	15,205	*	127
9900 UNCLASSIFIED	1	0.0	14,030	14,030	*	0
TOTAL	137	42.4	1,140,541	2,472,053	*	24,831

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	51	15.3	105,440	1,373,631	*	145,601
0200 WATER	14	5.9	29,262	436,480	*	43,376
0300 WATERSHEDS RIVER BAS	21	5.0	65,216	501,455	*	68,538
0400 AIR AND CLIMATE	2	1.4	17,859	147,278	*	99,615
0500 RECREATION RESOURCES	36	7.9	142,457	758,544	*	81,991
0600 TIMBER FORST PRODUCT	462	175.0	1,675,091	16,063,053	*	2,248,050
0700 RANGE	16	3.8	44,886	396,398	*	92,180
0800 WILDLIFE AND FISH	87	19.1	193,538	2,331,206	*	259,531
1000 FRUIT NUTS DECIDUOUS	1	0.0	0	1,256	*	0
1200 VEGETABLES	1	0.3	0	30,184	*	0
1300 ORNAMENTALS TURF	4	0.3	4,033	14,980	*	0
2000 FORAGE CROPS	1	0.1	0	8,049	*	0
2300 SOYBEANS	2	0.2	0	38,012	*	36,711
3200 SWINE	2	0.3	0	7,234	*	0
3400 OTHER ANIMALS	1	0.2	0	14,477	*	0
3600 FARM SUPP & FACILITS	1	0.3	7,925	19,542	*	0
3900 HOUSING & EQUIP	4	1.4	0	94,283	*	5,342
4000 PEOPLE AS INDIVIDUAL	4	0.7	13,109	573,049	*	19,073
4300 SOC POLIT ORGANIZ	1	0.0	0	1,413	*	0
4500 AGRIC ECONOMY FORGN	1	0.0	0	125	*	0
6300 BIO CELL SYSTEMS	4	4.1	0	219,358	*	2,670
6500 INVERTEBRATES	3	0.8	0	38,030	*	0
6600 MICROORGANISMS, VIRUS	5	1.5	0	97,936	*	0
6700 PLANTS	9	1.9	8,704	99,341	*	280
6800 ANIMALS (VERTEBRATES)	3	1.1	0	82,006	*	0
6900 RESEARCH ON RSCH HGM	1	0.0	0	315,601	*	11,927
7000 RSCH EQUIP & TECHNOL	10	5.4	13,975	337,804	*	11,746
9900 UNCLASSIFIED	5	0.4	40,059	83,709	*	6,538
TOTAL	752	252.2	2,361,553	24,084,433	*	3,133,169

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- FORESTRY SCHOOL TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	10	4.8	25,334	411,396	*	30,658
102 SOIL PLNT WTR NUTRI	34	8.0	114,086	782,430	*	82,808
104 ALTERN USE OF LAND	13	2.0	11,608	206,883	*	29,017
105 CONSERV USE OF WATE	5	3.9	0	268,363	*	11,342
107 WATERSHED PROT & MG	29	9.6	66,224	884,102	*	134,072
109 WEATHER ADAPT & MOD	5	2.9	19,667	192,435	*	38,302
110 APPRAIS FOREST & SAN	40	5.0	111,869	499,886	*	82,844
111 BIOL CULT HGMT PCRS	189	52.8	634,147	5,294,931	*	783,890
112 IMPROV RANGE RESCH	12	3.3	44,795	347,169	*	63,011
113 REMOTE SENSING	12	1.8	26,812	181,262	*	82,684
114 RSCH ON HGMT OF ESC	1	0.0	0	315,601	*	11,927
SUBTOTAL	350	94.1	1,054,542	9,384,458	*	1,350,555
SERIES 200						
201 CNTRL FORST INSECTS	52	14.1	107,641	1,340,045	*	323,762
202 CONTROL FOREST DIS	41	7.9	152,683	678,081	*	78,056
203 FOREST FIRE PROTECT	4	0.4	0	46,101	*	20,085
206 CNTR WEEDS PRT & VE	1	0.0	0	1,256	*	0
210 CNTR PESTS ANIMALS	2	0.3	0	38,918	*	0
214 PROTECT FROM POLIUT	8	1.5	5,289	142,704	*	7,550
SUBTOTAL	108	24.2	265,613	2,247,105	*	429,453
SERIES 300						
301 GENET BREED FORST T	36	13.7	142,573	1,169,667	*	288,615
302 IMP FOREST MNG SYS	11	5.8	105,100	442,971	*	83,644
303 ECON TIMBER PROCDUCT	15	7.2	28,882	518,777	*	97,748
304 IMP BIO EFF PRT & V	1	0.3	0	30,184	*	0
307 IMP BIO EFF FLD CRP	2	0.2	0	38,012	*	36,711
310 ANIMAL REPRODUCTION	1	0.3	0	7,003	*	0
311 IMP BIO EFF AMHL PR	1	0.0	0	231	*	0
315 IMP STRUC FARM SUPP	1	0.3	7,925	19,542	*	0
318 NON-COM BIO TECH/BI	21	13.0	0	692,645	*	5,619
SUBTOTAL	89	40.6	284,480	2,919,031	*	512,336
SERIES 400						
401 NEW IMP FOREST PEOD	62	41.5	225,389	3,932,125	*	137,793
411 IMP NON-FOOD ANML P	1	0.3	18,479	18,479	*	0
412 MKT QUAL ANIMAL PRO	1	0.2	1,914	1,914	*	0
SUBTOTAL	64	42.0	245,782	3,952,519	*	137,793
SERIES 500						
502 MKTG TIMBER PRODUCT	8	2.8	19,226	187,944	*	10,652
512 IMP GRADES PRST PRO	4	1.3	0	93,920	*	4,151
513 PRICE ANML PRST PRO	10	3.1	34,922	237,811	*	14,240
SUBTOTAL	22	7.1	54,147	519,675	*	29,043
SERIES 600						
603 TECH AID DEV CRTI	5	3.2	1,782	249,879	*	12,649
SUBTOTAL	5	3.2	1,782	249,879	*	12,649
SERIES 800						
802 INDIV & FAM DEC MAK	1	0.7	11,818	34,204	*	2,981
805 COMMUNICAT RURAL PE	3	0.0	1,291	538,885	*	16,092
SUBTOTAL	4	0.7	13,109	573,049	*	19,073
SERIES 900						
901 ALLEY POLLUTION	14	4.8	26,085	392,204	*	82,139
902 OUTDOOR RECREATION	33	7.9	137,635	712,559	*	84,706
903 MULTI-USE-FOREST PO	25	4.9	141,797	510,674	*	68,540
904 WLDLFE AND FISH ECO	77	18.2	96,521	2,195,662	*	233,451
905 TREES BEAUTIFICATIO	12	4.0	0	338,544	*	166,892
906 ORNAMENT & TURF DEV	1	0.0	0	5,366	*	0
990 UNCLASSIFIED	5	0.4	40,059	83,709	*	6,538
SUBTOTAL	167	40.3	442,097	4,238,718	*	642,266
SCIENCE IN SERV OF MAN GRAND TOTAL	809	252.2	2,361,553	24,084,433	*	3,133,169

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH FLAGSTAFF						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0500 RECREATION RESOURCES	1	0.0	0	1,783	*	0
0600 TIMBER FORST PRODUCT	8	3.9	78,743	164,246	*	0
TOTAL	9	3.9	78,743	166,029	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH ARCATA						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	2	0.3	6,896	12,245	*	0
0600 TIMBER FORST PRODUCT	17	1.6	28,076	78,840	*	0
TOTAL	19	1.9	34,972	91,085	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH CARBONDALE						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0300 WATERSHEDS RIVER EAS	2	0.6	31,448	63,700	*	0
0500 RECREATION RESOURCES	4	1.0	1,259	42,131	*	0
0600 TIMBER FORST PRODUCT	14	2.7	36,988	116,111	*	6,198
3200 SWINE	1	0.3	0	7,003	*	0
4300 SOC POLIT ORGANIZ	1	0.0	0	1,413	*	0
9900 UNCLASSIFIED	1	0.0	26,573	26,573	*	0
TOTAL	23	4.6	96,268	256,930	*	6,198

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH FT COLLINS						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1	0.1	0	9,483	*	0
0300 WATERSHEDS RIVER EAS	1	0.1	10,375	10,375	*	0
0400 AIR AND CLIMATE	1	0.3	0	61,313	*	61,313
0500 RECREATION RESOURCES	1	0.0	13,855	13,855	*	0
0600 TIMBER FORST PRODUCT	10	0.6	97,454	186,950	*	0
6700 PLANTS	1	0.0	8,704	8,704	*	0
TOTAL	15	1.1	130,388	290,679	*	61,313

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH MOSCOW						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	2	0.1	60	27,656	*	14,708
0300 WATERSHEDS RIVER EAS	6	1.2	0	138,039	*	58,655
0500 RECREATION RESOURCES	5	1.2	27,154	97,491	*	3,993
0600 TIMBER FORST PRODUCT	57	19.9	168,061	1,905,517	*	307,696
0700 RANGE	10	2.5	19,819	305,938	*	54,817
0800 WILDLIFE AND FISH	41	7.3	13,630	992,474	*	151,452
6700 PLANTS	1	0.0	0	280	*	280
7000 RSCH EQUIP & TECHNOL	1	0.1	0	22,789	*	9,076
TOTAL	123	32.4	228,723	3,490,183	*	600,676

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH BOSTON						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0600 TIMBER FORST PRODUCT	6	2.7	69,742	171,863	*	0
0800 WILDLIFE AND FISH	1	0.3	6,078	14,988	*	0
3600 FARM SUPP & FACILITS	1	0.3	7,925	19,542	*	0
7000 RSCH EQUIP & TECHNOL	1	0.1	3,397	8,375	*	0
TOTAL	9	3.4	87,141	214,767	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH ANN ARBOR						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	5	0.7	17,698	79,225	*	2,159
0200 WATER	1	0.0	0	897	*	0
0500 RECREATION RESOURCES	3	0.8	0	57,644	*	13,457
0600 TIMBER FORST PRODUCT	30	2.5	80,624	288,688	*	2,159
0700 RANGE	1	0.0	0	259	*	0
0800 WILDLIFE AND FISH	5	0.2	0	37,068	*	0
1300 ORNAMENTALS TURF	2	0.1	0	9,771	*	0
2300 SOYBEANS	1	0.2	0	36,711	*	36,711
3900 HOUSING & EQUIP	1	0.0	0	673	*	0
4500 AGRIC ECONMY FORGN	1	0.0	0	125	*	0
6700 PLANTS	1	0.0	0	1,794	*	0
TOTAL	51	4.5	98,322	512,856	*	54,485

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH HOUGHTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	3	1.0	13,129	97,864	*	0
0500 RECREATION RESOURCES	1	0.0	4,817	7,630	*	0
0600 TIMBER FORST PRODUCT	23	8.7	77,373	1,722,982	*	40,942
TOTAL	27	9.7	95,319	1,828,476	*	40,942

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH MISSOULA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0500 RECREATION RESOURCES	3	0.9	15,970	135,560	*	9,265
0600 TIMBER FORST PRODUCT	11	3.9	100,369	401,881	*	155,012
0700 RANGE	2	0.6	25,067	25,067	*	0
0800 WILDLIFE AND FISH	6	2.0	47,530	360,805	*	22,877
1300 ORNAMENTALS TURF	1	0.2	4,033	4,033	*	0
9900 UNCLASSIFIED	1	0.0	875	875	*	0
TOTAL	24	7.6	193,844	928,221	*	187,154

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH SYRACUSE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	18	2.6	35,973	361,623	*	107,448
0200 WATER	5	0.7	0	50,657	*	5,762
0300 WATERSHEDS RIVER BAS	4	0.5	6,376	74,731	*	0
0500 RECREATION RESOURCES	3	0.1	0	11,976	*	4,333
0600 TIMBER FORST PRODUCT	76	28.2	154,100	2,654,878	*	388,265
0800 WILDLIFE AND FISH	17	1.5	0	243,554	*	12,989
1000 FRUIT NUTS DECIDUOUS	1	0.0	0	1,256	*	0
1200 VEGETABLES	1	0.3	0	30,184	*	0
1300 ORNAMENTALS TURF	1	0.0	0	1,177	*	0
2000 FORAGE CROPS	1	0.1	0	8,049	*	0
2300 SOYBEANS	1	0.0	0	1,301	*	0
3800 OTHER ANIMALS	1	0.2	0	14,477	*	0
3900 HOUSING & EQUIP	1	0.0	0	400	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.0	0	535,973	*	16,092
6300 BIO CELL SYSTEMS	4	4.1	0	219,358	*	2,670
6500 INVERTEBRATES	2	0.8	0	34,088	*	0
6600 MICROORGANISMS, VIRUS	4	1.5	0	75,748	*	0
6700 PLANTS	6	1.9	0	88,562	*	0
6800 ANIMALS (VERTEBRATES)	3	1.1	0	82,006	*	0
6900 RSCH ON RSCH HGH	1	0.0	0	315,601	*	11,927
7000 RSCH EQUIP & TECHNOL	6	4.6	10,578	246,360	*	2,670
TOTAL	158	47.8	207,027	5,051,956	*	552,155

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH CORVALLIS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	5	2.2	8,813	172,227	*	5,263
0200 WATER	3	1.3	29,262	121,256	*	22,940
0300 WATERSHEDS RIVER BAS	3	0.8	17,017	72,277	*	9,871
0400 AIR AND CLIMATE	1	1.1	17,859	85,965	*	38,302
0500 RECREATION RESOURCES	8	1.6	0	192,738	*	25,979
0600 TIMBER FORST PRODUCT	101	47.2	259,480	3,828,872	*	819,692
0700 RANGE	1	0.3	0	37,473	*	18,437
0800 WILDLIFE AND FISH	1	0.6	0	26,774	*	0
4000 PEOPLE AS INDIVIDUAL	2	0.7	13,109	37,076	*	2,981
6600 MICROORGANISMS, VIRUS	1	0.1	0	22,189	*	0
7000 RSCH EQUIP & TECHNOL	1	0.3	0	47,382	*	0
9900 UNCLASSIFIED	1	0.0	0	37,112	*	0
TOTAL	128	56.0	345,539	4,681,341	*	943,465

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH CLENSON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	8	0.3	3,455	24,587	*	0
0200 WATER	2	0.5	0	24,506	*	6,665
0300 WATERSHEDS RIVER BAS	2	0.0	0	7,087	*	0
0500 RECREATION RESOURCES	3	0.4	30,405	45,535	*	0
0600 TIMBER FORST PRODUCT	68	11.2	182,032	1,159,695	*	21,847
0700 RANGE	1	0.1	0	8,735	*	0
0800 WILDLIFE AND FISH	8	1.0	42,872	127,997	*	7,446
3200 SWINE	1	0.0	0	231	*	0
7000 RSCH EQUIP & TECHNOL	1	0.3	0	12,899	*	0
9900 UNCLASSIFIED	1	0.0	1,757	1,757	*	0
TOTAL	95	13.8	260,520	1,413,030	*	35,958

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH WACONGDOCHES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	4	0.6	19,205	69,104	*	0
0200 WATER	1	0.0	0	1,010	*	0
0300 WATERSHEDS RIVER BAS	2	0.4	0	49,639	*	0
0600 TIMBER FORST PRODUCT	17	2.3	73,165	289,753	*	112,491
0700 RANGE	1	0.3	0	18,926	*	18,926
0800 WILDLIFE AND FISH	5	1.0	37,753	96,788	*	31,048
9900 UNCLASSIFIED	1	0.4	10,854	17,392	*	6,538
TOTAL	31	5.0	140,977	542,611	*	169,003

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH BURLINGTON

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	1	0.0	211	502	*	0
0500 RECREATION RESOURCES	3	1.5	48,997	108,691	*	6,571
0600 TIMBER FORST PRODUCT	6	2.7	99,946	232,711	*	5,671
0800 WILDLIFE AND FISH	1	0.5	27,197	75,256	*	0
TOTAL	11	4.7	176,351	417,159	*	12,242

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FORESTRY SCH SEATTLE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	2	7.5	0	519,115	*	16,024
0200 WATER	2	3.4	0	238,155	*	8,009
0300 WATERSHEDS RIVER BAS	1	1.4	0	85,607	*	13
0500 RECREATION RESOURCES	1	0.5	0	43,510	*	18,393
0600 TIMBER FORST PRODUCT	18	36.9	168,940	2,860,068	*	388,078
0800 WILDLIFE AND FISH	2	4.8	18,479	355,503	*	33,719
3900 HCUSING & EQUIP	2	1.4	0	93,210	*	5,342
6500 INVERTEBRATES	1	0.0	0	3,942	*	0
TOTAL	29	55.8	187,419	4,199,110	*	469,578

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COR/GT/CA SIS 1980	WITH SALES AMOUNT 1980
0100 SOIL AND LAND	27	9.5	784,048	1,026,628	*	238,809
0200 WATER	12	10.0	373,207	586,032	*	212,826
0300 WATERSHEDS RIVER EAS	3	2.0	69,103	75,695	*	6,592
0400 AIR AND CLIMATE	1	0.2	33,711	33,711	*	0
0500 RECREATION RESOURCES	2	1.8	0	73,237	*	73,237
0600 TIMBER FORST PRODUCT	5	1.1	95,923	131,252	*	35,329
0700 RANGE	1	0.1	27,510	27,510	*	0
0800 WILDLIFE AND FISH	21	6.7	553,761	731,727	*	170,254
0900 CITRUS SUB TROP PROT	1	0.0	0	25	*	25
1000 FRUIT NUTS DECIDUOUS	8	2.5	277,256	356,726	*	79,470
1200 VEGETABLES	40	13.9	1,792,733	2,087,001	*	291,848
1300 ORNAMENTALS TURF	3	0.0	0	36,785	*	36,785
1400 CORN	4	0.5	0	57,644	*	57,644
1500 GRAIN SORGHUM	3	0.2	8,634	18,825	*	9,720
1600 RICE	1	0.0	0	4,065	*	4,065
1700 WHEAT	4	0.8	8,750	31,508	*	22,758
1800 OTHER SMALL GRAINS	14	2.6	322,301	530,783	*	208,483
1900 PASTURE	2	0.5	162,275	181,702	*	19,427
2000 FORAGE CROPS	14	5.3	338,897	441,592	*	102,695
2100 COTTON	8	7.7	235,757	367,381	*	127,206
2300 SOYBEANS	41	18.6	1,369,027	2,030,716	*	642,915
2400 PEANUTS	4	3.1	82,591	123,198	*	40,607
2500 OTHER OILSEED CROPS	2	0.0	2,141	2,161	*	20
2600 TOBACCO	2	1.1	35,716	121,639	*	85,923
2800 MISC NEW CROPS	1	0.0	0	1,194	*	1,194
2900 POULTRY	23	7.5	591,771	840,073	*	238,959
3000 BEEF CATTLE	25	7.6	1,067,831	1,470,332	*	402,501
3100 DAIRY CATTLE	20	3.5	219,308	878,444	*	659,136
3200 SWINE	25	11.9	1,221,241	1,530,247	*	309,006
3300 SHEEP AND WOOL	1	2.4	15,787	211,853	*	0
3300 SHEEP AND WOOL	9	1.9	362,988	368,142	*	5,153
3400 OTHER ANIMALS	16	10.7	1,270,393	1,428,844	*	156,789
3600 FARM SUPP & FACILITS	6	1.8	13,312	139,797	*	126,485
3700 CLOTHING & TEXTILES	7	2.2	86,646	160,405	*	72,225
3800 FOOD	36	11.6	764,086	1,187,263	*	423,178
3900 HOUSING & EQUIP	6	10.8	42,085	169,376	*	127,291
4000 PEOPLE AS INDIVIDUAL	93	28.5	1,607,020	2,762,766	*	1,147,518
4100 FAMILY MEMBERS	50	13.8	1,044,874	1,505,897	*	459,881
4200 FARM AS BUSINESS	10	3.8	259,672	318,406	*	58,735
4300 SOC POLIT ORGANIZ	28	8.4	855,699	930,357	*	73,731
4400 AGRIC ECONOMY U S	3	0.3	13,605	47,647	*	34,042
4600 FARM COOPERATIVES	2	0.6	29,734	32,656	*	2,922
4800 MARKETING SYSTEMS	2	0.7	0	49,908	*	49,908
6100 WEEDS	2	0.5	0	21,812	*	21,812
6300 BIO CELL SYSTEMS	1	0.4	0	2,857	*	2,857
6400 EXP DESIGN/STAT METH	3	0.6	42,085	74,923	*	32,838
6500 INVERTEBRATES	2	0.3	70,834	93,118	*	19,826
6600 MICROORGANISMS, VIRUS	2	0.5	14,802	44,797	*	29,995
6700 PLANTS	10	2.2	16,964	224,210	*	102,991
6800 ANIMALS (VERTEBRATES)	4	0.8	19,199	72,387	*	53,188
7000 RSCH EQUIP & TECHNOL	1	0.9	0	292,500	*	0
9900 UNCLASSIFIED	5	1.0	278,847	278,847	*	0
TOTAL	616	223.2	16,482,122	24,216,598	*	7,078,792

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY PROBLEM AREA- OTHER COOPERATING INSTITUTIONS-TOTAL

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/GT/CA SYS 1980	WITH SABS AMOUNT 1980
SERIES 100						
101 APPRAIS OF SOIL RES	4	0.4	40,748	40,968	*	220
102 SOIL PLNT WTR NUTRI	16	8.3	474,175	540,088	*	62,143
103 MGMT OF SALINE SOIL	1	0.0	0	38	*	38
104 ALTERN USE OF LAND	1	0.3	0	26,381	*	26,381
105 CONSERV USE OF WATE	2	0.6	49,132	49,132	*	0
107 WATERSHED PROT & MG	1	0.1	22,008	22,008	*	0
109 WEATHER ADAPT & MOD	3	0.2	10,343	34,118	*	23,775
110 APPRAIS FORST & RAN	1	0.1	22,008	22,008	*	0
111 BIOL CULT MGMT PCRS	3	0.9	66,373	101,702	*	35,329
113 REMOTE SENSING	1	0.2	49,518	49,518	*	0
SUBTOTAL	33	11.1	734,305	885,962	*	147,886
SERIES 200						
204 CMTR PESTS FRT & VEG	4	0.4	30,753	32,923	*	2,170
205 CMTR DISE FRT & VEG	10	1.5	116,425	190,394	*	71,969
206 CMTR WEEDS FRT & VEG	7	0.6	10,343	53,610	*	43,267
207 CMTR PESTS FLD CROP	12	3.1	132,419	263,536	*	126,827
208 CMTR DIS FIELD CROP	13	7.8	235,818	485,362	*	249,544
209 CMTR WEEDS FLD CROP	3	1.8	138,053	140,643	*	2,590
210 CMTR PESTS ANIMALS	1	0.8	112,454	112,454	*	0
211 CMTR DIS ANIMALS	1	2.4	15,787	211,853	*	0
211 CMTR DIS ANIMALS	11	4.7	233,217	260,605	*	27,388
212 CMTR INTER PARASITE	1	0.3	0	44,586	*	44,586
213 PROT ANMLS FROM TOX	2	0.3	24,083	24,083	*	0
214 PROTECT FROM POLLUT	9	2.3	31,934	491,809	*	69,874
SUBTOTAL	74	25.8	1,083,286	2,311,858	*	638,215
SERIES 300						
304 IMP BIO EFF FRT & V	33	8.5	1,298,790	1,512,909	*	212,378
305 MECH PROD FRT & VEG	2	0.1	20,057	23,435	*	0
306 PROD MGMT SYS F & V	2	0.0	34,230	34,230	*	0
307 IMP BIO EFF FLD CRP	44	15.4	1,297,410	1,843,780	*	544,720
308 MECH PROD FIELD CRO	1	0.1	0	3,378	*	0
309 PROD MGMT SYS FLD C	3	0.5	56,483	73,591	*	17,108
310 ANIMAL REPRODUCTION	19	6.5	903,861	970,353	*	66,492
311 IMP BIO EFF ANML PR	43	14.0	1,899,003	2,982,778	*	1,082,644
312 IMP STRESS IN ANML	2	0.9	0	62,459	*	61,585
313 PROD MGMT SYS ANML	9	3.8	382,567	481,188	*	98,622
315 IMP STRUC FARM SUPP	6	1.8	13,312	139,797	*	126,485
316 FARM BUSINESS MGMT	5	3.1	199,841	240,992	*	41,151
317 MECH/STRUCTS ANML P	1	0.3	0	6,756	*	0
318 NCH-COM BIO TECH/BI	9	2.1	97,153	229,798	*	130,186
SUBTOTAL	179	56.9	6,202,707	8,605,443	*	2,381,370
SERIES 400						
402 PROD F & V IMP ACCE	6	1.6	71,144	159,369	*	87,547
405 PROD FLD CROP INF A	10	1.9	108,835	266,593	*	140,162
406 NEW IMP FOOD FLD CR	8	1.7	171,025	261,080	*	90,055
409 PROD ANML FB IMP AC	13	6.1	666,479	874,251	*	205,645
410 IMP HEAT MILK EGG P	1	0.2	28,938	28,938	*	0
411 IMP NON-FOOD ANML P	1	0.2	69,399	69,399	*	0
412 MKT QUAL ANIMAL ERO	2	0.6	112,236	122,234	*	9,998
SUBTOTAL	41	12.2	1,228,255	1,781,864	*	533,408
SERIES 500						
503 MKTG EFF AGRI PRCDs	3	1.2	0	93,650	*	93,650
506 SPLY DEMAND AND FRI	1	1.0	50,514	50,514	*	0
508 DOMESTIC MKT DEVELP	1	0.2	5,413	5,540	*	0
509 PERFORMANCE MKTC SY	1	0.0	0	1,622	*	1,622
510 GROUP ACT MKT POWER	2	0.6	29,734	32,656	*	2,922
511 IMP AGRIC STATISTIC	2	0.3	42,085	48,657	*	6,572
SUBTOTAL	10	3.3	127,746	232,639	*	104,766
SERIES 700						
701 TOX RES IN FOOD	9	4.2	383,662	458,946	*	75,284
702 FOOD PROT FROM TCI	9	2.1	101,525	214,074	*	112,549
703 FOOD CONSUME HABITS	35	10.9	555,465	1,111,353	*	555,065
704 HOME COHN FOOD SERV	3	0.1	13,378	18,690	*	4,994
705 SEL CARE CLOTH & TE	7	2.2	86,646	160,405	*	72,225
708 HUMAN NUTRITION	52	20.4	1,248,920	1,859,634	*	609,150
709 REDUCE HAZ HLTH & S	4	3.1	97,296	269,984	*	172,688
SUBTOTAL	119	42.8	2,486,891	4,093,086	*	1,601,956
SERIES 800						
801 RURAL HOUSING	6	10.8	42,085	169,564	*	126,387
802 INDIV & FAM DEC MAK	21	7.5	674,544	867,621	*	191,222
803 RURAL POVERTY	22	7.1	812,262	914,894	*	101,501
804 ECOM POTENT RURL EE	20	8.0	269,605	421,801	*	152,197
805 COMMUNICAT RURAL PE	15	4.4	563,104	693,816	*	130,712
806 ADJUSTMENT TO CHANG	19	3.8	119,022	380,561	*	217,706
807 AGRIC ECONOMY CHAN	7	1.1	75,614	127,240	*	51,626
SUBTOTAL	110	42.6	2,556,236	3,535,497	*	971,350
SERIES 900						
901 ALLEV POLLUTION	24	16.2	915,789	1,298,840	*	383,051
902 OUTDOOR RECREATION	2	1.8	0	73,237	*	73,237
904 WDLFE AND FISH ECC	20	5.9	530,577	658,346	*	120,057
905 TREES BEAUTIFICATIO	2	0.0	0	17,037	*	17,037
906 ORNAMENT & TURF LEV	1	0.0	0	19,748	*	19,748
907 RURAL INCOME IMP	9	0.7	0	72,059	*	72,059
908 RURAL INSTITUT IPP	8	2.9	337,483	352,136	*	14,654
990 UNCLASSIFIED	5	1.0	278,847	278,847	*	0
SUBTOTAL	71	28.5	2,062,695	2,770,250	*	699,842
SCIENCE IN SERV OF MAN GRAND TOTAL	637	223.2	16,482,122	24,216,598	*	7,078,792

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ALA TUSKEGEE TUSKEGEE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	2	0.3	30,161	30,188	*	27
0900 CITRUS SUB TROP FRUIT	1	0.0	0	25	*	25
1000 FRUIT NUTS DECIDUOUS	3	1.2	90,880	91,101	*	221
1200 VEGETABLES	13	2.8	242,087	362,413	*	120,326
1400 CORN	1	0.5	0	370	*	370
2000 FORAGE CROPS	1	0.0	57,946	57,946	*	0
2800 MISC NEW CROPS	1	0.0	0	1,194	*	1,194
2900 POULTRY	8	3.2	190,109	274,624	*	84,515
3000 BEEF CATTLE	4	0.4	0	18,135	*	18,135
3100 DAIRY CATTLE	6	0.6	17,718	55,309	*	37,591
3200 SWINE	7	3.6	126,713	201,512	*	74,799
3400 OTHER ANIMALS	4	1.6	64,674	75,300	*	10,626
3800 FOOD	6	0.1	10,436	23,444	*	13,009
4000 PEOPLE AS INDIVIDUAL	8	0.8	50,986	65,901	*	14,915
4100 FAMILY MEMBERS	6	1.3	78,084	80,673	*	2,589
4300 SOC POLIT ORGANIZ	3	0.3	41,587	43,505	*	1,918
6600 MICROORGANISMS, VIRUS	1	0.3	14,802	14,802	*	0
6800 ANIMALS(VERTEBRATES)	2	0.3	19,199	19,199	*	0
9900 UNCLASSIFIED	1	1.0	32,715	32,715	*	0
TOTAL	78	18.3	1,068,097	1,448,354	*	380,257

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ALA A&H NORHAL OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1	0.1	33,012	33,012	*	0
0200 WATER	1	0.1	27,510	27,510	*	0
0600 TIMBER FORST PRODUCT	4	1.0	88,381	123,710	*	35,329
0700 RANGE	1	0.1	27,510	27,510	*	0
1800 OTHER SMALL GRAINS	14	2.6	322,301	530,783	*	208,483
2000 FORAGE CROPS	1	0.0	0	879	*	879
2300 SOYBEANS	3	1.4	267,094	267,094	*	0
2900 POULTRY	2	0.1	0	18,019	*	18,019
3000 BEEF CATTLE	3	0.3	69,399	82,692	*	13,293
3100 DAIRY CATTLE	2	0.0	0	5,631	*	5,631
3300 SHEEP AND WOOL	1	0.2	69,399	69,399	*	0
3400 OTHER ANIMALS	2	0.5	0	45,900	*	45,900
3700 CLOTHING & TEXTILES	1	0.5	51,766	51,766	*	0
3800 FOOD	1	0.7	38,478	38,478	*	0
4000 PEOPLE AS INDIVIDUAL	3	0.1	16,802	20,840	*	4,038
4300 SOC POLIT ORGANIZ	3	0.4	51,766	57,823	*	6,057
6600 MICROORGANISMS, VIRUS	1	0.2	0	29,995	*	29,995
TOTAL	44	8.3	1,063,419	1,431,042	*	367,623

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ARK A & H FINE BLUFF OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	2	0.4	68,328	74,148	*	2,049
0800 WILDLIFE AND FISH	5	2.6	227,354	296,319	*	61,253
1200 VEGETABLES	2	0.7	68,518	92,817	*	21,879
1500 GRAIN SORGHUM	2	0.1	8,634	9,105	*	0
1700 WHEAT	1	0.4	0	13,018	*	13,018
2100 COTTON	2	1.7	5,413	63,350	*	53,519
2300 SOYBEANS	7	1.9	103,610	153,934	*	49,146
2500 OTHER OILSEED CROPS	1	0.0	2,141	2,141	*	0
2900 POULTRY	2	0.7	100,969	142,148	*	38,591
3400 OTHER ANIMALS	2	0.2	56,035	57,697	*	0
3700 CLOTHING & TEXTILES	2	0.5	16,240	18,254	*	480
4000 PEOPLE AS INDIVIDUAL	8	2.4	79,128	206,803	*	119,447
4100 FAMILY MEMBERS	2	0.3	36,888	38,030	*	0
4300 SOC POLIT ORGANIZ	1	0.1	0	4,893	*	3,966
6500 INVERTEBRATES	1	0.3	70,834	73,292	*	0
TOTAL	40	12.1	844,092	1,245,949	*	363,346

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - CALIFORNIA NEWBURY PARK OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
6700 PLANTS	1	0.3	0	97,500	*	0
7000 RSCH EQUIP & TECHNOL	1	0.9	0	292,500	*	0
TOTAL	2	1.2	0	390,000	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - DEL STATE COL DOVER OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADJUSTED (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0400 AIR AND CLIMATE	1	0.2	33,711	33,711	*	0
0800 WILDLIFE AND FISH	3	1.4	83,143	86,391	*	3,248
2000 FORAGE CROPS	4	1.1	48,432	75,813	*	27,381
3100 DAIRY CATTLE	2	0.4	18,200	44,914	*	26,714
3800 FOOD	1	1.0	0	42,828	*	42,828
4000 PEOPLE AS INDIVIDUAL	5	2.0	91,627	99,897	*	8,270
9900 UNCLASSIFIED	1	0.0	96,437	96,437	*	0
TOTAL	17	6.0	371,550	479,990	*	108,440

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FLORIDA A&H TALLAHASSEE OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	4	0.4	24,242	25,539	*	1,298
0200 WATER	4	6.8	311,145	312,154	*	1,009
0600 TIMBER FORST PRODUCT	1	0.1	7,542	7,542	*	0
0800 WILDLIFE AND FISH	4	0.3	56,718	58,941	*	2,223
2400 PEANUTS	1	2.0	82,591	82,591	*	0
3000 BEEF CATTLE	1	0.8	53,734	53,734	*	0
3800 FOOD	1	1.0	54,819	54,819	*	0
4000 PEOPLE AS INDIVIDUAL	3	1.1	64,753	73,019	*	8,266
4100 FAMILY MEMBERS	1	0.2	14,901	14,901	*	0
9900 UNCLASSIFIED	1	0.0	29,000	29,000	*	0
TOTAL	21	12.7	699,443	712,238	*	12,795

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - FT. VALLEY COL FORT VALLEY OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0100 SOIL AND LAND	1	0.3	120,724	120,724	*	0
1000 FRUIT NUTS DECIDUOUS	4	1.1	158,568	237,817	*	79,249
1200 VEGETABLES	6	1.8	350,880	352,102	*	1,222
2300 SOYBEANS	3	0.9	137,161	151,115	*	13,954
2900 POULTRY	1	0.5	0	38,430	*	38,430
3000 BEEF CATTLE	4	0.7	207,332	213,684	*	6,352
3200 SWINE	2	0.1	0	2,963	*	2,963
3300 SHEEP AND WOOL	2	0.2	50,582	52,248	*	1,666
3400 OTHER ANIMALS	1	0.3	0	35,276	*	35,276
3600 FARM SUPP & FACILITS	4	1.0	0	103,769	*	103,769
3800 FOOD	1	0.0	0	2,683	*	2,683
4000 PEOPLE AS INDIVIDUAL	3	0.2	23,417	57,107	*	33,690
4100 FAMILY MEMBERS	4	0.7	55,763	109,578	*	53,815
4300 SOC POLIT ORGANIZ	2	0.3	22,817	22,817	*	0
4400 AGRIC ECONOMY U S	1	0.1	2,179	2,179	*	0
6100 WEEDS	1	0.1	0	2,590	*	2,590
6700 PLANTS	1	0.1	0	2,590	*	2,590
TOTAL	41	8.2	1,129,422	1,507,670	*	378,248

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - KY STATE COLL FRANKFORT OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
1400 CORN	1	0.0	0	4,065	*	4,065
1600 RICE	1	0.0	0	4,065	*	4,065
3100 DAIRY CATTLE	2	0.2	0	9,837	*	9,837
3800 FOOD	13	4.7	415,566	526,055	*	110,490
4000 PEOPLE AS INDIVIDUAL	15	4.4	215,404	369,657	*	154,254
4100 FAMILY MEMBERS	6	3.2	188,766	260,400	*	111,634
4300 SOC POLIT ORGANIZ	5	3.0	314,064	336,562	*	22,498
6300 BIO CELL SYSTEMS	1	0.4	0	2,857	*	2,857
6700 PLANTS	1	0.0	0	12,196	*	12,196
TOTAL	45	15.8	1,093,799	1,525,693	*	431,894

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - SOUTHERN UNIV BATON ROUGE OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
0800 WILDLIFE AND FISH	1	0.1	0	435	*	435
1200 VEGETABLES	3	0.6	64,261	74,737	*	10,476
2300 SOYBEANS	6	1.7	76,879	169,015	*	92,136
2900 POULTRY	2	0.7	96,460	106,119	*	9,659
3000 BEEF CATTLE	2	1.0	108,237	273,292	*	165,055
3100 DAIRY CATTLE	2	0.7	105,077	116,338	*	11,261
3200 SWINE	1	0.1	98,906	98,906	*	0
3400 OTHER ANIMALS	1	0.0	0	3,353	*	3,353
4000 PEOPLE AS INDIVIDUAL	2	1.1	97,945	97,945	*	0
4100 FAMILY MEMBERS	1	1.0	53,663	53,663	*	0
4200 FARM AS BUSINESS	1	0.2	0	25,853	*	25,853
4300 SOC POLIT ORGANIZ	1	1.2	60,195	60,195	*	0
4800 MARKETING SYSTEMS	1	0.7	0	46,664	*	46,664
TOTAL	24	9.1	761,623	1,126,515	*	364,892

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - JOHN HOPKINS BALTIMORE OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA WITH SAES SYS 1980	AMOUNT 1980
3300 SHEEP AND WOOL	1	2.4	15,787	211,853	*	0
TOTAL	1	2.4	15,787	211,853	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - MD. STATE COL PRINCESS ANN OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	2	0.1	17,846	18,005	*	159
0800 WILDLIFE AND FISH	2	0.5	0	35,514	*	35,514
2000 FORAGE CROPS	2	0.2	26,768	27,007	*	239
2300 SOYBEANS	7	2.3	259,219	319,921	*	60,702
3200 SWINE	2	1.2	9,980	40,412	*	30,432
4000 PEOPLE AS INDIVIDUAL	2	0.0	0	3,969	*	3,969
4100 FAMILY MEMBERS	7	0.5	201,439	230,086	*	28,647
4200 FARM AS BUSINESS	1	0.0	0	33	*	33
4300 SOC POLIT ORGANIZ	3	0.2	86,331	96,628	*	10,297
6700 PLANTS	2	0.2	5,447	5,557	*	110
TOTAL	30	5.2	607,029	777,131	*	170,102

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - ALCORN A&H LORHAN OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	2	0.6	0	168,393	*	168,393
0200 WATER	1	0.1	0	45,705	*	45,705
0800 WILDLIFE AND FISH	1	0.0	0	9,913	*	9,913
1200 VEGETABLES	1	0.4	0	19,222	*	19,222
1900 PASTURE	2	0.5	162,275	181,702	*	19,427
3000 BEEF CATTLE	2	1.2	378,641	423,970	*	45,330
3200 SWINE	2	0.0	0	20,376	*	20,376
3800 FOOD	2	0.3	19,224	67,349	*	48,125
3900 HOUSING & EQUIP	1	0.3	0	73,399	*	73,399
4000 PEOPLE AS INDIVIDUAL	7	1.5	194,416	282,431	*	88,015
4100 FAMILY MEMBERS	2	0.5	64,314	64,314	*	0
4200 FARM AS BUSINESS	1	0.1	11,427	11,427	*	0
4300 SOC POLIT ORGANIZ	1	0.1	25,121	25,121	*	0
4400 AGRIC ECONOMY U S	1	0.1	11,427	11,427	*	0
6100 WEEDS	1	0.4	0	19,222	*	19,222
6500 INVERTEBRATES	1	0.0	0	19,826	*	19,826
6800 ANIMALS (VERTEBRATES)	1	0.0	0	19,826	*	19,826
TOTAL	29	6.0	866,843	1,463,619	*	596,776

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - LINCOLN UNIV JEFFERSON CITY OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
1200 VEGETABLES	1	0.6	190,189	190,189	*	0
2300 SOYBEANS	2	1.6	134,252	150,299	*	16,047
3000 BEEF CATTLE	1	0.2	0	2,867	*	2,867
3100 DAIRY CATTLE	3	0.4	78,313	81,216	*	2,903
3200 SWINE	2	1.0	167,814	170,681	*	2,867
3300 SHEEP AND WOOL	4	1.2	179,001	181,976	*	2,975
3400 OTHER ANIMALS	1	1.0	212,564	212,564	*	0
4000 PEOPLE AS INDIVIDUAL	3	2.0	0	152,812	*	152,812
4100 FAMILY MEMBERS	2	1.5	156,626	244,184	*	87,558
6800 ANIMALS (VERTEBRATES)	1	0.5	0	33,362	*	33,362
TOTAL	20	10.0	1,118,759	1,420,151	*	301,392

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - NEW YORK YONKERS OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
2300 SOYBEANS	2	0.5	0	55,457	*	37,861
TOTAL	2	0.5	0	55,457	*	37,861

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - AG TECH NC. GREENSBORO OCI						
CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SABS AMOUNT 1980
0100 SOIL AND LAND	6	5.4	409,275	416,505	*	7,230
0200 WATER	1	0.8	0	47,349	*	47,349
0500 RECREATION RESOURCES	2	1.8	0	73,237	*	73,237
0800 WILDLIFE AND FISH	3	1.3	71,374	86,317	*	14,943
2000 FORAGE CROPS	1	0.5	71,991	71,991	*	0
2600 TOBACCO	2	1.1	35,716	121,639	*	85,923
2900 POULTRY	1	1.8	103,603	103,603	*	0
3000 BEEF CATTLE	3	1.6	241,739	252,255	*	10,516
3100 DAIRY CATTLE	2	1.3	0	112,667	*	112,667
3200 SWINE	2	0.9	198,572	219,684	*	21,112
3300 SHEEP AND WOOL	2	0.3	64,006	64,518	*	512
3400 OTHER ANIMALS	1	0.3	0	29,555	*	29,555
3600 FARM SUPP & FACILITIES	1	0.2	13,312	13,312	*	0
3700 CLOTHING & TEXTILES	3	0.7	18,640	34,298	*	15,658
3900 HOUSING & EQUIP	4	10.5	42,085	94,355	*	52,270
4000 PEOPLE AS INDIVIDUAL	6	2.1	160,087	214,914	*	54,827
4100 FAMILY MEMBERS	2	0.4	28,177	28,177	*	0
4200 FARM AS BUSINESS	2	0.6	62,605	62,605	*	0
4600 FARM COOPERATIVES	2	0.6	29,734	32,656	*	2,922
6400 EXP DESIGN/STAT METH	2	0.3	42,085	48,657	*	6,572
6700 PLANTS	1	1.0	0	67,004	*	67,004
TOTAL	49	33.3	1,593,001	2,195,298	*	602,297

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - LANGSTON UNIV LANGSTON OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1	0.0	0	792	*	792
0200 WATER	3	0.9	34,552	37,377	*	2,825
0300 WATERSHEDS RIVER BAS	3	2.0	69,103	75,695	*	6,592
0800 WILDLIFE AND FISH	1	0.0	115,172	115,172	*	0
1200 VEGETABLES	1	1.0	115,172	115,172	*	0
2100 COTTON	6	6.0	230,304	304,031	*	73,687
2300 SOYBEANS	1	1.0	115,172	115,172	*	0
2400 PEANUTS	1	1.0	0	29,287	*	29,287
3700 CLOTHING & TEXTILES	1	0.5	0	56,087	*	56,087
3800 FOOD	1	0.5	0	66,717	*	66,717
4000 PEOPLE AS INDIVIDUAL	2	1.5	0	122,544	*	122,544
6700 PLANTS	1	0.1	11,517	11,517	*	0
9900 UNCLASSIFIED	1	0.0	115,173	115,173	*	0
TOTAL	23	14.5	806,205	1,164,736	*	358,531

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - SC STATE COLL ORANGEBURG OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	1	0.3	0	26,381	*	26,381
0200 WATER	2	1.3	0	115,938	*	115,938
0800 WILDLIFE AND FISH	1	0.5	0	42,725	*	42,725
1200 VEGETABLES	2	0.9	59,178	67,318	*	8,140
1400 CORN	1	0.3	0	18,993	*	18,993
2300 SOYBEANS	2	1.3	0	165,910	*	165,910
3800 FOOD	3	0.9	24,992	87,310	*	62,318
4000 PEOPLE AS INDIVIDUAL	7	5.1	474,513	495,576	*	21,063
4100 FAMILY MEMBERS	4	2.3	114,649	139,915	*	25,266
4200 FARM AS BUSINESS	1	1.2	59,304	59,304	*	0
9900 UNCLASSIFIED	1	0.0	5,522	5,522	*	0
TOTAL	25	14.0	738,158	1,224,892	*	486,734

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - TENN A&H IND NASHVILLE OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
1200 VEGETABLES	1	0.5	137,820	137,820	*	0
1300 ORNAMENTALS TURF	3	0.0	0	36,785	*	36,785
1400 CORN	1	0.2	0	34,216	*	34,216
2000 FORAGE CROPS	1	1.5	57,425	57,425	*	0
2300 SOYBEANS	4	4.0	275,640	351,250	*	75,610
2900 POULTRY	2	0.0	91,880	100,110	*	8,230
3000 BEEF CATTLE	2	0.7	0	74,297	*	74,297
3200 SWINE	1	0.0	0	31,158	*	31,158
3400 OTHER ANIMALS	2	0.0	0	32,048	*	32,048
3800 FOOD	2	1.2	137,820	141,423	*	3,603
3900 HOUSING & EQUIP	1	0.0	0	1,622	*	1,622
4000 PEOPLE AS INDIVIDUAL	9	0.9	10,337	90,102	*	79,766
4100 FAMILY MEMBERS	11	1.6	57,425	201,232	*	143,807
4200 FARM AS BUSINESS	3	1.7	126,336	143,887	*	17,551
4300 SOC POLIT ORGANIZ	8	2.8	253,819	275,863	*	22,045
4400 AGRIC ECONOMY U S	1	0.2	0	34,042	*	34,042
4800 MARKETING SYSTEMS	1	0.0	0	3,244	*	3,244
6400 EXP DESIGN/STAT METH	1	0.3	0	26,266	*	26,266
TOTAL	54	15.6	1,148,501	1,772,790	*	624,289

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - PRAIRIE VM A&H PRAIRIE VIEW OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	3	0.9	27,500	49,603	*	22,103
1200 VEGETABLES	2	0.0	0	17,226	*	17,226
1700 WHEAT	2	0.3	8,750	8,770	*	20
2000 FORAGE CROPS	3	1.2	8,750	82,947	*	74,197
2300 SOYBEANS	1	1.0	0	39,497	*	39,497
2400 PEANUTS	1	0.0	0	20	*	20
2500 OTHER OILSEED CROPS	1	0.0	0	20	*	20
2900 POULTRY	3	0.3	8,750	16,435	*	7,686
3000 BEEF CATTLE	2	0.3	8,750	31,663	*	22,913
3100 DAIRY CATTLE	1	0.0	0	452,532	*	452,532
3200 SWINE	2	3.2	529,608	545,041	*	15,433
3400 OTHER ANIMALS	2	6.8	937,120	937,152	*	32
3600 FARM SUPP & FACILITS	1	0.6	0	22,716	*	22,716
4000 PEOPLE AS INDIVIDUAL	4	0.4	0	170,974	*	170,974
4100 FAMILY MEMBERS	1	0.0	0	6,565	*	6,565
4200 FARM AS BUSINESS	1	0.1	0	15,298	*	15,298
4300 SOC POLIT ORGANIZ	1	0.0	0	6,951	*	6,951
6700 PLANTS	1	0.3	0	10,712	*	10,712
TOTAL	32	15.2	1,529,227	2,414,120	*	884,893

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY COMMODITY - VA STATE COLL PETERSBURG OCI

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADHSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA COM/GT/CA SYS 1980	WITH SAES AMOUNT 1980
0100 SOIL AND LAND	2	0.7	52,961	63,340	*	10,379
1000 FRUIT NUTS DECIDUOUS	1	0.2	27,808	27,808	*	0
1200 VEGETABLES	8	4.6	564,628	657,985	*	93,357
1500 GRAIN SORGHUM	1	0.2	0	9,720	*	9,720
1700 WHEAT	1	0.2	0	9,720	*	9,720
2000 FORAGE CROPS	1	0.4	67,585	67,585	*	0
2300 SOYBEANS	3	1.1	0	92,052	*	92,052
2400 PEANUTS	1	0.1	0	11,300	*	11,300
2900 POULTRY	2	0.3	0	40,586	*	33,830
3000 BEEF CATTLE	1	0.5	0	43,742	*	43,742
3200 SWINE	4	1.2	89,648	199,515	*	109,867
3800 FOOD	5	1.2	62,752	136,159	*	73,407
4000 PEOPLE AS INDIVIDUAL	6	2.9	127,607	238,277	*	110,671
4100 FAMILY MEMBERS	1	0.5	34,178	34,178	*	0
6700 PLANTS	2	0.3	0	17,135	*	10,379
TOTAL	39	14.8	1,027,167	1,649,100	*	608,422

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH

	SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY AGENCY			-NATIONAL TOTAL USDA RESEARCH AGENCIES		
	NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPE/ CE ADMSTRD (GROSS) 1980	TOTAL FUNDS (GROSS) 1980	USDA CON/CT/CA SYS 1980	WITH SAEs AMOUNT 1980
AGRICULTURAL RESEARCH	2803	2936.9	360,346,926	360,346,926	166.5	20,654,320
COOPERATIVE RESEARCH	194	0.0	14,332,567	14,332,567	0.0	14,332,567
COMPETITIVE RESEARCH GEAM	193	0.0	14,333,000	14,333,000	0.0	0
ECONOMICS STATISTICS CCOP	292	475.1	42,357,500	42,625,500	0.0	73,100
U S FOREST SERVICE	237	964.1	106,454,000	117,489,300	0.0	0
TOTAL	3719	4376.1	537,823,993	549,127,293	166.5	35,059,987

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY STATION

		NO	SCIENTIST	REG FED APPR/	-SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
		OF	YEARS	CR ADJUSTED	TOTAL FUNDS	USDA COM/GT/CA	WITH SAES
		PROJ	1980	(GROSS) 1980	(GROSS) 1980	SYS 1980	AMOUNT 1980
CONNECTICUT	NEW HAVEN	54	36.5	620,754	2,352,475	*	3,249
CONNECTICUT	STORRS	71	27.8	744,248	2,299,892	*	19,493
DIST OF COLUM	WASHINGTON	4	0.0	70,812	70,812	*	0
DELAWARE	NEWARK	91	27.8	954,926	3,029,473	*	75,862
MASSACHUSETTS	AMHERST	115	45.2	1,620,469	3,773,129	*	231,616
MARYLAND	COLLEGE PA	188	82.0	1,842,186	6,643,929	*	24,210
MAINE	ORONO	115	61.6	1,540,896	5,618,477	*	739,713
NEW HAMPSHIRE	DURHAM	73	29.9	1,129,546	2,117,768	*	38,739
NEW JERSEY	NEW BRUNSW	302	99.3	1,845,683	13,988,748	*	449,804
NEW YORK	ITACA	703	253.6	3,277,276	29,197,958	*	1,471,740
NEW YORK	GENEVA	135	67.5	578,672	5,353,644	*	277,394
PENNSYLVANIA	COLLEGE PA	321	127.0	4,328,560	13,685,263	*	798,257
RHODE ISLAND	KINGSTON	48	31.7	897,634	2,718,568	*	27,065
VERMONT	BURLINGTON	70	27.5	989,281	2,257,343	*	110,394
WEST VIRGINIA	MORGANTOWN	103	35.2	2,021,829	4,213,445	*	87,906
SUBTOTAL - SAES		2393	952.6	22,462,772	97,320,924	*	4,355,442
DEL STATE COL	DOVER	15	6.0	371,550	479,990	*	108,440
JOHN HOPKINS	BALTIMORE	1	2.4	15,787	211,853	*	0
RD. STATE COL	PRINCESS A	21	5.2	607,029	777,131	*	170,102
NEW YORK	TORRES	2	0.5	0	55,457	*	37,861
SUBTOTAL - OCI		39	14.1	994,366	1,524,431	*	316,403
FORESTRY SCH	SYRACUSE	137	47.8	207,027	5,051,956	*	552,155
FORESTRY SCH	BURLINGTON	10	4.7	176,351	417,159	*	12,242
SUBTOTAL - FRSTY SCH		147	52.5	383,378	5,469,115	*	564,397
TOTAL		2579	1019.2	23,840,516	104,299,003	*	5,236,242

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY STATION

		NO	SCIENTIST	REG FED APPR/	-SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)		
		OF	YEARS	CR ADJUSTED	TOTAL FUNDS	USDA COM/GT/CA	WITH SAES
		PROJ	1980	(GROSS) 1980	(GROSS) 1980	SYS 1980	AMOUNT 1980
ALABAMA	AUBURN	222	143.2	3,166,892	15,114,897	*	503,241
ARKANSAS	FAYETTEVILLE	295	113.8	2,696,597	15,813,017	*	595,452
FLORIDA	GAINESVILLE	674	372.8	2,234,621	40,725,004	*	1,094,223
GEORGIA	ATHENS	370	167.0	3,527,749	22,912,837	*	724,755
KENTUCKY	LEXINGTON	213	120.8	3,524,626	11,339,438	*	57,089
LOUISIANA	BATON ROUG	503	204.5	2,480,595	21,971,677	*	255,365
MISSISSIPPI	STATE COLL	279	180.4	3,301,579	20,114,096	*	1,025,916
NORTH CAROLINA	RALEIGH	532	235.3	4,814,822	32,258,149	*	1,164,191
OKLAHOMA	STILLWATER	270	88.4	2,360,684	10,078,105	*	661,516
PUERTO RICO	RIO PIEDRA	88	95.6	3,026,318	9,002,306	*	30,598
SOUTH CAROLINA	CLEMSON	283	89.4	2,373,244	12,119,387	*	238,400
TENNESSEE	KNOXVILLE	205	125.8	3,487,820	15,570,976	*	182,783
TEXAS	COLLEGE ST	571	273.6	4,655,333	31,562,939	*	1,189,441
VIRGINIA	BLACKSBURG	288	158.8	3,151,229	19,913,014	*	1,148,476
VIRGIN ISLANDS	ST. THOMAS	10	4.5	244,393	313,176	*	2,229
SUBTOTAL - SAES		4803	2373.9	45,046,502	278,809,018	*	8,863,675
ALA TUSKEGEE	TUSKEGEE	58	18.3	1,068,097	1,448,354	*	380,257
ALA A&M	NORMAL	30	8.3	1,063,419	1,431,042	*	367,623
ARK A & M	PINE BLUFF	30	12.1	844,092	1,245,949	*	363,346
FLORIDA A&M	TALLAHASSEE	12	12.7	699,443	712,238	*	12,795
FT. VALLEY COL	PORT VALLE	34	8.2	1,129,422	1,507,670	*	378,248
NY STATE COLL	FRANKFORT	26	15.8	1,093,799	1,525,693	*	431,894
SOUTHERN UNIV	BATON ROUG	24	9.1	761,623	1,126,515	*	364,892
ALCORN A&M	LORNA	19	6.0	866,843	1,463,619	*	596,776
AG TECH NC.	GREENSBORO	45	33.3	1,593,001	2,195,298	*	602,297
LANGSTON UNIV	LANGSTON	18	14.5	806,205	1,164,736	*	358,531
SC STATE COLL	ORANGEBURG	21	14.0	738,158	1,224,892	*	486,734
TENN A&M LND	NASHVILLE	36	15.6	1,148,501	1,772,790	*	624,289
PRAIRIE VM A&M	PRAIRIE VI	16	15.2	1,529,227	2,414,120	*	884,893
VA STATE COLL	PETERSBURG	26	14.8	1,027,167	1,649,100	*	608,422
SUBTOTAL - OCI		395	197.9	14,368,997	20,882,016	*	6,460,997
FORESTRY SCH	RUSTON	7	3.4	87,141	214,767	*	0
FORESTRY SCH	CLEMSON	81	13.8	260,520	1,413,030	*	35,958
FORESTRY SCH	WACOGDOCHE	25	5.0	140,977	542,611	*	169,003
SUBTOTAL - FRSTY SCH		113	22.2	488,638	2,170,408	*	204,961
TOTAL		5311	2594.0	59,904,137	301,866,000	*	15,529,633

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980
ILLINOIS	URBANA	316	150.7	3,823,268
INDIANA	LAFAYETTE	375	187.4	3,469,517
IOWA	AMES	384	126.4	4,047,089
KANSAS	MANHATTAN	514	191.5	2,539,475
MICHIGAN	LANSING	436	176.5	3,466,878
MINNESOTA	ST PAUL	343	149.5	3,636,772
MISSOURI	COLUMBIA	231	115.2	3,403,898
NORTH DAKOTA	FARGO	261	116.2	1,686,235
NEBRASKA	LINCOLN	269	138.1	2,411,147
OHIO	WOOSTER	337	121.3	4,080,941
SOUTH DAKOTA	BROOKINGS	195	106.9	1,788,321
WISCONSIN	MADISON	504	157.7	3,742,612
SUBTOTAL - SAES				4165 1737.4 38,096,153
LINCOLN UNIV	JEFFERSON	16	10.0	1,118,759
SUBTOTAL - OCI				16 10.0 1,118,759
FORESTRY SCH	CARBONDALE	20	4.6	96,268
FORESTRY SCH	ANN ARBOR	39	4.5	98,322
FORESTRY SCH	HOUGHTON	27	9.7	95,319
SUBTOTAL - PRSTY SCH				86 18.8 289,909
TOTAL				4267 1766.2 39,504,821

-SAES REGION 3 NORTH CENTRAL REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
*	16,249,924	*	578,544
*	23,658,781	*	955,591
*	21,839,475	*	1,821,040
*	20,766,379	*	510,448
*	22,793,231	*	1,569,680
*	25,391,777	*	1,708,721
*	15,253,786	*	734,767
*	13,483,565	*	229,573
*	24,550,762	*	994,832
*	19,835,607	*	739,732
*	6,341,900	*	201,751
*	26,191,177	*	1,079,410
*	236,356,364	*	11,124,089
*	1,420,151	*	301,392
*	1,420,151	*	301,392
*	256,930	*	6,198
*	512,856	*	54,485
*	1,828,476	*	40,942
*	2,598,262	*	101,625
*	240,374,777	*	11,527,106

TABLE II-F SUMMARY OF SCI-YEARS AND FUNDS FOR 1980 BY STATION

		NO OF PROJ	SCIENTIST YEARS 1980	REG FED APPR/ CR ADMSTRD (GROSS) 1980
ALASKA	FAIRBANKS	29	9.9	834,472
ARIZONA	TUCSON	248	125.4	1,440,704
CALIFORNIA	BERKELEY	1222	548.0	3,971,547
COLORADO	FT COLLINS	203	133.6	1,941,389
GUAM	AGANA	19	8.7	442,530
HAWAII	HONOLULU	209	94.0	967,245
IDAHO	MOSCOW	142	65.4	1,473,927
MONTANA	BOZEMAN	189	82.7	1,474,851
NEVADA	RENO	100	37.2	904,941
NEW MEXICO	UNIV PARK	140	61.0	1,269,625
OREGON	CORVALLIS	338	195.8	1,882,229
UTAH	LOGAN	185	75.0	1,332,487
WASHINGTON	PULLMAN	328	133.6	2,549,270
WYOMING	LARAMIE	76	42.4	1,140,541
SUBTOTAL - SAES				3428 1562.7 21,625,758
CALIFORNIA	NEWBURY PA	1	1.2	0
SUBTOTAL - OCI				1 1.2 0
FORESTRY SCH	FLAGSTAFF	9	3.9	78,743
FORESTRY SCH	ARCATA	19	1.9	34,972
FORESTRY SCH	FT COLLINS	14	1.1	130,388
FORESTRY SCH	MOSCOW	118	32.4	228,723
FORESTRY SCH	MISSOULA	20	7.6	193,844
FORESTRY SCH	CORVALLIS	119	56.0	345,539
FORESTRY SCH	SEATTLE	19	55.8	187,419
SUBTOTAL - PRSTY SCH				318 158.7 1,199,628
TOTAL				3747 1722.6 22,825,386

-SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)	TOTAL FUNDS (GROSS) 1980	USDA COM/ST/CA SYS 1980	WITH SAES AMOUNT 1980
*	3,020,626	*	4,000
*	14,435,704	*	1,152,239
*	75,084,653	*	3,466,143
*	17,256,767	*	1,383,694
*	755,464	*	4,359
*	7,962,694	*	175,501
*	8,328,276	*	283,708
*	8,576,469	*	273,968
*	3,884,968	*	200,969
*	4,026,852	*	317,537
*	20,038,156	*	793,041
*	7,461,741	*	539,556
*	19,052,906	*	1,026,003
*	2,472,053	*	24,831
*	192,357,329	*	9,645,549
*	390,000	*	0
*	390,000	*	0
*	166,029	*	0
*	91,085	*	0
*	290,679	*	61,313
*	3,490,183	*	600,676
*	928,221	*	187,154
*	4,681,341	*	943,465
*	4,199,110	*	469,578
*	13,846,648	*	2,262,166
*	206,604,886	*	11,907,735

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN HOUSE	C G CA	OTHER CH GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUNDS	NON- FED FUNDS	TOTAL
		I. H. SYS	SUPPORT PROF	YEARS TECH	OTHER	OTHER											
0100 SOIL AND LAND	297	165.2	7.1	5.4	280.1	17425	1372	16	0	0	34	0	18847	321	0	19168	
0200 WATER	282	170.1	0.4	6.4	248.6	17280	1714	174	0	0	1	9	19178	335	0	19513	
0300 WATERSHEDS RIVER BAS	106	142.7	14.1	51.0	150.9	14996	199	12	0	0	862	0	16069	1434	0	17503	
0400 AIR AND CLIMATE	29	17.0	0.0	4.4	14.2	1756	60	0	0	0	4	0	1820	82	0	1901	
0500 RECREATION RESOURCES	22	36.1	6.0	8.9	13.9	3219	0	0	0	0	1012	0	4232	1042	0	5274	
0600 TIMBER FORST PRODUCT	228	730.2	147.1	437.1	395.1	74975	633	103	0	0	6008	0	81719	6581	0	88300	
0700 RANGE	106	83.2	9.9	19.1	91.7	9447	131	31	0	0	502	0	10111	472	0	10583	
0800 WILDLIFE AND FISH	51	67.8	8.6	34.3	29.2	6303	554	3	0	0	980	0	7841	752	0	8592	
0900 CITRUS SUB TROP FRUIT	110	84.5	0.0	0.0	174.6	9057	557	157	0	0	0	0	9771	0	0	9771	
1000 FRUIT NUTS DECIDUOUS	185	114.0	0.0	0.0	206.1	12759	898	211	0	0	0	0	13867	0	0	13867	
1100 POTATOES	56	38.3	0.0	0.0	60.1	3790	137	277	0	0	0	0	4205	0	0	4205	
1200 VEGETABLES	292	129.4	0.0	0.0	213.3	12934	1969	497	0	0	0	0	15400	0	0	15400	
1300 ORNAMENTALS TURF	70	34.9	0.0	0.0	103.2	4820	128	30	0	0	0	0	4978	0	0	4978	
1400 CORN	219	116.9	0.0	0.0	164.1	11155	990	174	0	0	0	4	12322	0	0	12322	
1500 GRAIN SOYBEAN	85	24.8	0.0	0.0	26.8	2413	25	6	0	0	2	2	2445	0	0	2445	
1600 RICE	48	24.3	0.0	0.0	32.8	2068	34	194	0	0	0	2	2298	0	0	2298	
1700 WHEAT	198	108.4	0.0	0.0	151.2	10119	658	87	0	0	0	4	10868	0	0	10868	
1800 OTHER SMALL GRAINS	99	37.1	0.0	0.0	58.1	3732	451	32	0	0	0	2	4217	0	0	4217	
1900 PASTURE	35	9.7	0.0	0.0	13.8	964	143	0	0	0	0	0	1107	0	0	1107	
2000 FORAGE CROPS	205	114.7	0.0	0.0	154.4	11743	864	309	0	0	0	0	12915	0	0	12915	
2100 COTTON	223	207.2	0.0	0.0	453.7	22143	493	40	0	0	0	0	22676	0	0	22676	
2200 COTTONSEED	40	23.4	0.0	0.0	34.9	2056	6	32	0	0	0	0	2094	0	0	2094	
2300 SOYBEANS	210	124.5	0.0	0.0	187.1	12578	1459	540	0	0	0	2	14579	0	0	14579	
2400 PEANUTS	72	38.6	0.0	0.0	50.1	3628	85	146	0	0	0	0	3859	0	0	3859	
2500 OTHER OILSEED CROPS	45	20.6	0.0	0.0	19.8	1667	128	64	0	0	0	0	1859	0	0	1859	
2600 TOBACCO	51	43.7	0.0	0.0	85.9	3906	734	123	0	0	0	0	4763	0	0	4763	
2700 SUGAR CROPS	109	56.6	0.0	0.0	147.3	7550	230	153	0	0	0	0	7933	0	0	7933	
2800 MISC NEW CROPS	60	37.1	0.0	0.0	46.3	2954	667	281	0	0	0	0	3902	0	0	3902	
2900 POULTRY	111	82.5	0.0	0.0	245.8	11085	1249	0	0	0	0	0	12333	0	0	12333	
3000 BEEF CATTLE	281	191.2	0.0	0.0	442.4	26407	2817	262	0	0	0	39	29525	0	0	29525	
3100 DAIRY CATTLE	201	98.4	0.0	0.0	324.2	17227	2654	111	0	0	0	0	19992	0	0	19992	
3200 SWINE	157	88.1	0.0	0.0	246.4	13110	1883	152	0	0	0	26	15171	0	0	15171	
3300 SHEEP AND WOOL	100	53.6	0.0	0.0	119.2	8025	914	0	0	0	0	0	8939	0	0	8939	
3400 OTHER ANIMALS	47	13.5	0.0	0.0	38.6	1812	851	113	0	0	0	0	2776	0	0	2776	
3500 BEES AND HONEY	46	32.7	0.0	0.0	48.2	2764	226	0	0	0	0	0	2990	0	0	2990	
3600 FARM SUPP & FACILITIES	15	7.1	0.0	0.0	7.3	623	129	0	0	0	0	0	752	0	0	752	
3700 CLOTHING & TEXTILES	5	4.5	0.0	0.0	4.9	263	18	6	0	0	0	0	287	0	0	287	
3800 FOOD	105	100.7	0.0	0.0	138.2	12457	1221	5150	0	0	0	0	18828	0	0	18828	
3900 HOUSING & EQUIP	42	28.0	3.4	15.7	26.7	3153	618	0	0	0	17	0	3788	145	0	3933	
4000 PEOPLE AS INDIVIDUAL	97	94.8	0.0	0.0	137.0	10208	1119	987	0	0	0	0	12314	0	0	12314	
4100 FAMILY MEMBERS	35	23.6	0.0	0.0	28.5	1755	294	2896	0	0	0	0	4945	0	0	4945	
4200 FARM AS BUSINESS	3	5.7	0.0	0.0	3.8	481	0	0	0	0	0	10	491	0	0	491	
4300 SOC POLIT ORGANIZ	36	23.1	0.0	0.0	23.6	1588	164	0	0	0	0	0	1752	124	0	1875	
4400 AGRIC ECONOMY U S	34	99.0	0.0	0.0	104.5	8701	58	0	0	0	0	23	8782	0	17	8799	
4500 AGRIC ECONOMY FORGN	96	113.6	0.0	0.0	100.4	8196	0	0	0	0	0	0	8196	0	0	8196	
4600 FARM COOPERATIVES	26	9.0	1.3	0.0	4.6	568	73	15	0	0	0	0	656	0	0	656	
4800 MARKETING SYSTEMS	6	5.5	0.0	0.0	13.9	1544	15	0	0	0	0	294	1853	0	0	1853	
6100 WEEDS	53	20.2	0.0	0.0	28.1	2462	36	205	0	0	0	0	2703	0	0	2703	
6200 SEED RESEARCH	18	14.2	0.0	0.0	25.0	1498	53	55	0	0	0	0	1607	0	0	1607	
6300 BIO CELL SYSTEMS	59	11.0	0.0	0.0	18.6	1078	45	2747	0	0	0	0	3870	0	0	3870	
6400 EXP DESIGN/STAT METH	3	14.5	0.5	4.0	11.0	1189	0	0	0	0	0	0	1189	0	0	1189	
6500 INVERTEBRATES	85	118.2	0.0	0.0	175.4	10710	543	409	0	0	0	0	11662	0	0	11662	
6600 MICROORGANISMS, VIRUS	99	25.4	0.0	0.0	44.6	2619	363	3248	0	0	0	0	6229	0	0	6229	
6700 PLANTS	334	215.5	0.0	0.0	324.4	21283	2690	3467	0	0	0	285	27725	0	0	27725	
6800 ANIMALS (VERTEBRATES)	77	37.7	0.0	0.0	50.5	4241	740	0	0	0	0	76	5057	0	0	5057	
6900 RESEARCH ON RSCH MGN	1	0.0	0.0	0.0	0.0	0	0	213	0	0	0	0	213	0	0	213	
7000 RSCH EQUIP & TECHNOL	17	39.3	0.0	0.0	38.5	6091	201	0	0	0	0	0	6293	0	0	6293	
9900 UNCLASSIFIED	4	4.4	0.0	0.0	7.8	474	555	0	0	0	0	0	1029	0	0	1029	
TOTAL	5726	4376.1	198.4	586.2	6349.2	469052	35060	23514	0	0	9420	777	537823	11286	17	549126	

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C G SARS	CA CH GT	OTHER 015	SP 010	FD SERV	FORST USDA	OTHER USDA	TOTAL APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.-H. SUPPORT	YEARS PROF	TECH	OTHER												
SERIES 100																	
101 APPRAIS OF SOIL RES	1	0.4	0.0	0.0	0.0	117	0	0	0	0	0	0	117	0	0	117	
102 SOIL PLNT WTR NUTRI	169	91.3	0.0	0.6	156.3	9700	841	0	0	0	9	0	10551	52	0	10603	
103 HGHT OF SALINE SOIL	12	14.9	0.0	0.0	32.7	1681	169	0	0	0	0	0	1850	0	0	1850	
104 ALTERN USE OF LAND	19	19.3	0.0	0.0	14.6	1707	94	20	0	0	0	0	1812	32	0	1844	
105 CONSERV USE OF WATE	125	80.8	0.1	0.6	123.0	8235	859	0	0	0	0	0	9094	68	0	9162	
106 DRAIN AND IRRIGATION	67	41.7	0.0	0.0	58.0	4041	1195	0	0	0	0	0	5236	0	0	5236	
107 WATERHED PROT & MG	144	175.2	13.7	54.5	198.1	18478	528	22	0	0	852	0	19880	1666	0	21546	
108 ECOW LEG PROB OF MA	5	10.0	1.2	2.8	4.1	962	49	0	0	0	25	0	1036	11	0	1047	
109 WEATHER ADAPT & MOD	18	9.7	0.0	0.0	13.2	1173	79	0	0	0	0	0	1252	0	0	1252	
110 APPRAIS FORST & BAN	17	66.7	61.0	28.4	32.2	11058	0	4	0	0	393	0	11455	879	0	12334	
111 BIOL CULT HGHT FCRES	61	199.3	17.9	138.5	76.5	17124	60	0	0	0	1093	0	18277	2506	0	20783	
112 IMPROV RANGE RESEAR	64	42.5	3.9	8.6	53.0	4841	119	27	0	0	158	0	5144	205	0	5349	
113 REMOTE SENSING	11	35.6	0.0	0.0	39.8	5982	156	0	0	0	0	0	6138	0	0	6138	
114 RESCH ON HGHT OF BSC	1	0.0	0.0	0.0	0.0	0	213	0	0	0	0	0	213	0	0	213	
SUBTOTAL	714	787.5	97.7	233.9	801.6	85101	4352	73	0	0	2529	0	92056	5418	0	97474	
SERIES 200																	
201 CNTRL FORST INSECTS	44	104.6	6.5	61.6	44.2	10857	182	0	0	0	496	0	11535	408	0	11943	
202 CONTROL FOREST DIS	26	55.6	9.9	35.9	21.7	6716	2	0	0	0	1477	0	8194	530	0	8724	
203 FOREST FIRE PROTECT	19	69.3	14.7	22.8	20.5	6602	0	0	0	0	405	0	7006	763	0	7769	
204 CNTR PESTS PRT & VE	134	75.1	0.0	0.0	167.7	8933	841	247	0	0	0	126	10148	0	0	10148	
205 CNTR DISE PRT & VEG	177	74.4	0.0	0.0	138.1	7840	1126	458	0	0	87	0	9511	0	0	9511	
206 CNTR WEEDS PRT & VE	55	14.7	0.0	0.0	20.9	1560	245	66	0	0	0	0	72	1943	0	1943	
207 CNTR PESTS FLD CROP	236	157.4	0.0	0.5	315.9	17181	538	94	0	0	6	0	17819	0	0	17819	
208 CNTR DIS FLD CROP	264	130.5	0.0	0.0	204.1	13248	1022	1056	0	0	0	0	15326	0	0	15326	
209 CNTR WEEDS FLD CROP	140	58.1	0.0	0.0	88.0	6486	685	98	0	0	0	0	7268	0	0	7268	
210 CNTR PESTS ANIMALS	47	54.2	0.0	0.0	105.9	5501	730	216	0	0	0	54	6500	0	0	6500	
211 CNTR DIS ANIMALS	217	131.7	0.0	0.0	628.3	28063	6349	181	0	0	0	22	34615	0	0	34615	
212 CNTR WINTER PARASITE	31	35.0	0.0	0.0	11.2	4762	564	0	0	0	0	0	5326	0	0	5326	
213 PROT ANHLS FROM TOX	34	27.0	0.0	0.0	53.2	3022	681	0	0	0	0	0	3703	0	0	3703	
214 PROTECT FROM POLLUT	32	23.1	2.3	4.7	32.2	2533	513	0	0	0	121	0	3167	108	0	3275	
SUBTOTAL	1456	1010.6	33.3	125.4	1951.9	123302	13476	2417	0	0	2505	361	142061	1809	0	143870	
SERIES 300																	
301 GENET BREED FORST T	14	38.4	7.8	35.1	15.8	3489	20	0	0	0	285	0	3794	483	0	4276	
302 IMP FOREST ENG SYS	6	17.8	1.0	10.8	5.8	1788	17	0	0	0	192	0	1998	31	0	2029	
303 ECOW TIMBER PRODUCT	6	11.2	0.0	0.5	5.1	698	35	0	0	0	69	0	802	11	0	813	
304 IMP BIO EFF PRT & V	115	53.5	0.0	0.0	124.3	6630	525	363	0	0	0	0	7518	0	0	7518	
305 RECH PROD PRT & VEG	25	11.9	0.0	0.0	17.5	1163	114	0	0	0	0	0	1277	0	0	1277	
306 PROD HGHT SYS F & V	4	0.7	0.0	0.0	1.4	50	32	0	0	0	0	0	82	0	0	82	
307 IMP BIO EFF FLD CRP	332	173.8	0.0	0.0	292.6	18751	1416	832	0	0	0	0	20999	0	0	20999	
308 RECH PROD FLD CRO	60	36.2	0.0	0.0	65.1	4321	208	0	0	0	0	0	4529	0	0	4529	
309 PROD HGHT SYS FLD C	33	7.7	0.0	0.0	14.5	788	450	0	0	0	0	0	1238	0	0	1238	
310 ANIMAL REPRODUCTION	48	42.3	0.0	0.0	70.9	5850	591	114	0	0	0	0	6554	0	0	6554	
311 IMP BIO EFF ANML PR	128	71.8	0.0	0.0	195.3	13604	655	29	0	0	0	0	14287	0	0	14287	
312 ENV STRESS IN ANML	25	9.9	0.0	0.0	12.6	1210	151	0	0	0	0	0	1361	0	0	1361	
313 PROD HGHT SYS ANML	15	3.9	0.0	0.0	11.2	817	94	0	0	0	0	0	912	0	0	912	
314 BEES OTH POLLUTNG I	46	32.7	0.0	0.0	48.2	2764	226	0	0	0	0	0	2990	0	0	2990	
315 IMP STRUC FARM SUPP	23	6.6	0.0	0.0	7.5	790	555	0	0	0	0	0	1345	0	0	1345	
317 RECH/STRUCRS ANML P	13	5.9	0.0	0.0	11.9	1125	103	0	0	0	0	0	1229	0	0	1229	
318 NON-COM BIO TECH/BI	352	246.0	0.0	0.0	383.6	24335	1410	9351	0	0	0	0	35296	0	0	35296	
SUBTOTAL	1245	770.1	8.8	46.3	1283.3	88173	6803	10688	0	0	546	0	106210	524	0	106735	
SERIES 400																	
401 NEW IMP FOREST PROD	27	113.1	38.0	100.2	101.3	12496	266	0	0	0	934	0	13697	878	0	14575	
402 PROD F & V IMP ACCE	41	14.2	0.0	0.0	27.0	1714	42	0	0	0	0	0	1756	0	0	1756	
403 NEW & IMP F&V PRCD	50	56.5	0.0	0.0	70.7	4935	181	0	0	0	0	0	5116	0	0	5116	
404 HKT QUAL PRTS & VEG	79	56.5	0.0	0.0	79.1	5672	97	33	0	0	0	0	5802	0	0	5802	
405 PROD FLD CROP IMP A	127	77.9	0.0	0.0	114.5	7468	310	96	0	0	0	0	7874	0	0	7874	
406 NEW IMP FOOD FLD CR	56	97.3	0.0	0.0	129.4	8809	35	17	0	0	0	0	8861	0	0	8861	
407 NEW IMP NON-FOOD FC	76	93.7	0.0	0.0	144.5	8518	651	5	0	0	0	0	9174	0	0	9174	
408 HKT QUAL FLD CROP	65	42.8	0.0	0.0	64.9	3982	113	18	0	0	0	0	4113	0	0	4113	
409 PROD ANML FE IMP AC	6	4.3	0.0	0.0	9.9	653	0	0	0	0	0	0	663	0	0	663	
410 IMP HEAT MILK EGG P	21	32.5	0.0	0.0	57.3	3308	9	0	0	0	0	0	3317	0	0	3317	
411 IMP NON-FOOD ANML P	14	33.3	0.0	0.0	41.3	2941	309	0	0	0	0	0	3250	0	0	3250	
412 HKT QUAL ANIMAL PRO	15	7.1	0.0	0.0	13.5	752	0	0	0	0	0	0	752	0	0	752	
SUBTOTAL	577	628.9	38.0	100.2	853.3	61257	2015	170	0	0	934	0	64375	878	0	65253	
SERIES 500																	
501 IMP GRADES & STANDS	26	22.7	0.0	0.0	45.8	2382	102	0	0	0	0	0	2484	0	0	2484	
502 HKTG TIMBER PRODUCT	7	28.1	2.3	10.8	20.4	2142	0	0	0	0	388	0	2530	77	0	2607	
503 HKTG EFF AGRIC PRCD	45	26.5	0.0	0.0	33.0	2377	0	18	0	0	0	0	2395	0	0	2395	
506 SPLY DEMAND AND PRY	30	60.9	0.0	0.0	65.5	3881	0	0	0	0	0	0	3881	0	0	3881	
507 CONSP REL IN AGRIC	9	0.3	0.0	0.0	0.1	21	38	0	0	0	0	0	59	0	0	59	
508 DOMESTIC HKT DEVELP	1	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17	
509 PERFORMANCE HKTG SY	8	13.1	0.0	0.0	20.7	1959	44	0	0	0	309	0	2312	0	0	2312	
510 GROUP ACT HKT POWER	26	5.0	1.3	0.0	0.7	368	88	15	0	0	0	0	470	0	0	470	
511 IMP AGRIC STATISTIC	3	19.5	0.5	4.0	14.6	1834	0	0	0	0	0	0	1834	0	0	1834	
512 IMP GRADES PRST PRO	2	9.0	3.6	3.7	3.4	723	0	0	0	0	31	0	754	34	0	788	
513 PRICE ANML PRST PRO	3	6.2	0.5	2.0	2.1	488	0	0	0	0	95	0	583	21	0	604	
SUBTOTAL	154	191.2	8.2	20.5	206.4	16174	289	34	0	0	514	309	17319	132	0	17451	
SERIES 600																	
601 PGM HKT DEVELP	96	113.9	0.0	1.0	98.0	8055	0	0	0	0	108	0	8163	0	0	8163	
602 EVAL PGM FOOD AID P	1																

NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL			
		SYS	I.H. PROF	SUPPORT TECH	YEARS OTHER	REG HOUSE	IN RESEARCH	C SARS	G CW	CA GT	OTHER SP					SP FD	FD 015	SP FD 010
SERIES 800																		
801 RURAL HOUSING	11	14.3	0.0	5.0	10.7	1243	0	0	0	0	0	0	0	0	1243	38	0	1281
802 INDIV & FAM DEC BAK	9	4.7	0.0	0.0	7.8	311	56	0	0	0	0	0	0	0	366	0	0	366
803 RURAL POVERTY	1	0.0	0.0	0.0	0.0	0	11	0	0	0	0	0	0	0	11	0	0	11
804 ECON POTENT RURAL PE	7	17.2	0.0	0.0	19.2	1304	0	0	0	0	0	0	0	0	1304	0	0	1304
805 COMMUNICAT RURAL PE	2	1.1	0.0	0.0	0.0	50	7	0	0	0	0	0	0	0	57	0	0	57
806 ADJUSTMENT TO CHANG	8	12.3	0.0	0.0	15.9	1194	11	0	0	0	0	0	0	0	1204	0	0	1204
807 AGRIC ECONOMIC CHAN	16	54.7	0.0	0.0	49.9	5694	58	0	0	0	0	0	0	98	5850	0	17	5867
808 GOV'T PROGRAMS	19	36.4	0.0	0.0	33.1	2889	0	0	0	0	0	0	0	0	2889	0	0	2889
SUBTOTAL	73	140.7	0.0	5.0	136.6	12684	143	0	0	0	0	0	0	98	12926	38	17	12981
SERIES 900																		
901 ALLEY POLLUTION	124	118.9	0.6	9.6	165.2	12139	593	69	0	0	0	82	9	12892	354	0	13246	
902 OUTDOOR RECREATION	16	27.1	4.0	4.8	11.0	1997	0	0	0	0	0	599	0	2596	279	0	2875	
903 MULTI-USE-FOREST PO	14	28.3	2.9	3.8	8.2	2715	0	0	0	0	0	605	0	3320	1021	0	4341	
904 WLDLFE AND FISH ECO	39	59.8	5.0	32.7	23.5	5220	523	3	0	0	0	998	0	6744	682	0	7426	
905 TREES BEAUTIFICATIO	21	14.6	0.0	3.0	72.4	2780	51	0	0	0	0	0	0	2830	27	0	2857	
906 ORNAMENT & TURF LEV	63	33.0	0.0	0.0	84.5	4288	138	0	0	0	0	0	0	4425	0	0	4425	
907 RURAL INCOME IMP	15	12.1	0.0	0.0	10.5	805	58	0	0	0	0	0	0	864	46	0	910	
908 RURAL INSTIUT IMP	27	11.0	0.0	0.0	13.1	783	124	0	0	0	0	0	0	906	78	0	984	
990 UNCLASSIFIED	4	4.4	0.0	0.0	7.8	474	555	0	0	0	0	0	0	1029	0	0	1029	
SUBTOTAL	323	309.2	12.4	53.8	396.1	31200	2041	73	0	0	0	2284	9	35606	2487	0	38093	
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	5096	4376.1	198.4	586.2	6349.2	469052	35060	23514	0	0	0	9420	777	537823	11286	17	549127	

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TABLE III-B-0 SUMMARY BY COMMODITY OF 1960 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF			REG IN HOUSE	C	G	CA	OTHER CM	SP 015	FD 010	SP SERV	FD SERV	OTHER USDA	TOTAL USDA APPR	OTHER FUND	NON- FED FUND	TOTAL
			I. R. SUPPORT PROF	TECH	YEARS OTHER														
0100 SOIL AND LAND	261	132.2	*	*	217.2	14084	853	16	0	0	0	0	0	0	14954	0	0	14954	
0200 WATER	247	129.0	*	*	220.1	13914	1568	174	0	0	0	0	0	0	15657	0	0	15657	
0300 WATERSHEDS RIVER EAS	73	57.7	*	*	121.9	7060	195	12	0	0	0	0	0	0	7267	0	0	7267	
0400 AIR AND CLIMATE	20	9.6	*	*	12.0	1070	0	0	0	0	0	0	0	0	1070	0	0	1070	
0600 TIMBER FORST PRODUCT	30	19.3	*	*	56.4	2744	231	0	0	0	0	0	0	0	2974	0	0	2974	
0700 RANGE	79	45.5	*	*	80.3	5544	131	31	0	0	0	0	0	0	5706	0	0	5706	
0800 WILDLIFE AND FISH	16	5.8	*	*	8.6	667	70	3	0	0	0	0	0	0	740	0	0	740	
0900 CITRUS SUB TROP FRUT	103	83.9	*	*	173.6	9015	555	107	0	0	0	0	0	0	9677	0	0	9677	
1000 FRUIT NUTS DECIDUCUS	168	111.3	*	*	203.6	12584	747	86	0	0	0	0	0	0	13416	0	0	13416	
1100 POTATOES	48	37.4	*	*	60.0	3723	120	47	0	0	0	0	0	0	3890	0	0	3890	
1200 VEGETABLES	262	126.2	*	*	210.2	12719	1512	187	0	0	0	0	0	0	14418	0	0	14418	
1300 ORNAMENTALS TURF	69	34.9	*	*	103.2	4820	128	30	0	0	0	0	0	0	4978	0	0	4978	
1400 CORN	204	113.7	*	*	160.9	10927	584	34	0	0	0	0	0	0	11545	0	0	11545	
1500 GRAIN SORGHUM	80	22.8	*	*	25.0	2276	21	6	0	0	0	0	0	0	2303	0	0	2303	
1600 RICE	42	22.4	*	*	31.0	1932	31	94	0	0	0	0	0	0	2057	0	0	2057	
1700 WHEAT	185	105.9	*	*	148.8	9939	418	12	0	0	0	0	0	0	10369	0	0	10369	
1800 OTHER SMALL GRAINS	88	34.8	*	*	56.0	3576	335	8	0	0	0	0	0	0	3919	0	0	3919	
1900 PASTURE	33	9.7	*	*	13.8	964	142	0	0	0	0	0	0	0	1106	0	0	1106	
2000 FORAGE CROPS	200	114.7	*	*	154.4	11743	858	30	0	0	0	0	0	0	12630	0	0	12630	
2100 COTTON	215	205.1	*	*	451.7	21995	475	40	0	0	0	0	0	0	22510	0	0	22510	
2200 COTTONSEED	40	23.4	*	*	34.9	2056	6	32	0	0	0	0	0	0	2094	0	0	2094	
2300 SOYBEANS	190	121.7	*	*	184.3	12377	792	102	0	0	0	0	0	0	13272	0	0	13272	
2400 PEANUTS	66	36.8	*	*	48.4	3502	63	71	0	0	0	0	0	0	3636	0	0	3636	
2500 OTHER OILSEED CROES	37	19.1	*	*	18.4	1560	20	44	0	0	0	0	0	0	1624	0	0	1624	
2600 TOBACCO	46	42.3	*	*	84.6	3809	710	88	0	0	0	0	0	0	4607	0	0	4607	
2700 SUGAR CROPS	96	52.5	*	*	145.0	7282	213	153	0	0	0	0	0	0	7648	0	0	7648	
2800 MISC NEW CROPS	48	34.3	*	*	43.3	2783	146	281	0	0	0	0	0	0	3210	0	0	3210	
2900 POULTRY	92	81.6	*	*	244.8	11003	325	0	0	0	0	0	0	0	11328	0	0	11328	
3000 BEEF CATTLE	255	185.9	*	*	439.8	26035	1336	262	0	0	0	0	0	0	27633	0	0	27633	
3100 DAIRY CATTLE	174	95.9	*	*	322.4	17043	764	111	0	0	0	0	0	0	17917	0	0	17917	
3200 SWINE	137	85.0	*	*	244.6	12885	886	152	0	0	0	0	0	0	13923	0	0	13923	
3300 SHEEP AND WOOL	92	53.4	*	*	119.0	8008	370	0	0	0	0	0	0	0	8378	0	0	8378	
3400 OTHER ANIMALS	41	13.5	*	*	38.6	1812	359	113	0	0	0	0	0	0	2283	0	0	2283	
3500 BEES AND HONEY	46	32.7	*	*	48.2	2764	226	0	0	0	0	0	0	0	2990	0	0	2990	
3600 FARM SUPP & FACILITS	4	2.0	*	*	4.0	228	0	0	0	0	0	0	0	0	228	0	0	228	
3700 CLOTHING & TEXTILES	5	4.5	*	*	4.9	263	18	6	0	0	0	0	0	0	287	0	0	287	
3800 FOOD	70	92.3	*	*	134.6	11821	933	2337	0	0	0	0	0	0	15091	0	0	15091	
3900 HOUSING & EQUIP	32	15.7	*	*	17.0	1629	262	0	0	0	0	0	0	0	1891	0	0	1891	
4000 PEOPLE AS INDIVIDUAL	77	74.8	*	*	114.0	8593	1058	987	0	0	0	0	0	0	10638	0	0	10638	
4100 FAMILY MEMBERS	27	8.7	*	*	12.1	530	279	2896	0	0	0	0	0	0	3705	0	0	3705	
4800 MARKETING SYSTEMS	1	0.3	*	*	0.1	74	0	0	0	0	0	0	0	0	74	0	0	74	
6100 WEEDS	49	20.2	*	*	28.1	2462	32	65	0	0	0	0	0	0	2559	0	0	2559	
6200 SEED RESEARCH	17	14.2	*	*	25.0	1498	53	0	0	0	0	0	0	0	1552	0	0	1552	
6300 BIO CELL SYSTEMS	17	11.0	*	*	18.6	1078	0	106	0	0	0	0	0	0	1184	0	0	1184	
6500 INVERTEBRATES	77	118.2	*	*	175.4	10710	541	137	0	0	0	0	0	0	11388	0	0	11388	
6600 MICROORGANISMS, VIRUS	49	25.4	*	*	44.6	2619	262	243	0	0	0	0	0	0	3124	0	0	3124	
6700 PLANTS	217	202.3	*	*	312.5	19839	755	64	0	0	0	0	0	0	20658	0	0	20658	
6800 ANIMALS (VERTEBRATES)	40	33.8	*	*	46.8	3830	346	0	0	0	0	0	0	0	4177	0	0	4177	
6900 RESEARCH ON RSCH MGH	1	0.0	*	*	0.0	0	213	0	0	0	0	0	0	0	213	0	0	213	
7000 RSCH EQUIP & TECHNOL	14	9.3	*	*	10.3	663	156	0	0	0	0	0	0	0	819	0	0	819	
9900 UNCLASSIFIED	4	4.4	*	*	7.8	474	555	0	0	0	0	0	0	0	1029	0	0	1029	
TOTAL	4484	2936.9	*	*	5480.6	330526	20654	9166	0	0	0	0	0	0	360346	0	0	360346	

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TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN HOUSE	C G CA SARS	OTHER CM GT	SP 015	FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I. H. SUPPORT	TECH	YEARS OTHER	PROF	SYS											
SERIES 100																	
101 APPRAIS OF SOIL RES	1	0.4	*	*	0.0	117	0	0	0	0	0	0	117	0	0	117	
102 SOIL PLMT WTR NUTRI	165	90.1	*	*	155.9	9585	779	0	0	0	0	0	10363	0	0	10363	
103 MGMT OF SALINE SCIL	11	14.9	*	*	32.7	1681	117	0	0	0	0	0	1798	0	0	1798	
104 ALTERN USE OF LAND	3	0.8	*	*	1.4	77	0	20	0	0	0	0	97	0	0	97	
105 CONSERV USE OF WATE	110	66.3	*	*	109.4	6966	771	0	0	0	0	0	7737	0	0	7737	
106 DRAIN AND IRRIGATIO	66	41.7	*	*	58.0	4041	1166	0	0	0	0	0	5207	0	0	5207	
107 WATERSHED PROT & MG	110	88.9	*	*	164.9	10339	368	22	0	0	0	0	10728	0	0	10728	
108 ECON LEG PROT OF WA	2	0.1	*	*	0.6	24	49	0	0	0	0	0	73	0	0	73	
109 WEATHER ADAPT & MOD	18	9.7	*	*	13.2	1173	79	0	0	0	0	0	1252	0	0	1252	
110 APPRAIS FORST & BAN	1	0.0	*	*	0.0	0	4	0	0	0	0	0	4	0	0	4	
111 BIOL CULT MGMT PCRS	1	0.8	*	*	1.6	81	0	0	0	0	0	0	81	0	0	81	
112 IMPROV RANGE RESCR	57	28.1	*	*	49.0	3417	119	27	0	0	0	0	3562	0	0	3562	
113 REMOTE SENSING	10	10.6	*	*	15.3	1199	156	0	0	0	0	0	1355	0	0	1355	
114 RSCH ON HGHT OF RSC	1	0.0	*	*	0.0	0	213	0	0	0	0	0	213	0	0	213	
SUBTOTAL	556	352.4	*	*	602.0	38699	3817	73	0	0	0	0	42589	0	0	42589	
SERIES 200																	
201 CNTRL FORST INSECTS	11	8.1	*	*	3.3	802	180	0	0	0	0	0	982	0	0	982	
204 CNTR PESTS FRT & VE	113	69.6	*	*	162.9	8315	692	57	0	0	0	0	9064	0	0	9064	
205 CNTR DISE FRT & VEG	154	70.5	*	*	134.6	7408	1058	78	0	0	0	0	8544	0	0	8544	
206 CNTR WEEDS FRT & VE	42	10.9	*	*	17.3	1166	236	1	0	0	0	0	1402	0	0	1402	
207 CNTR PESTS FLD CROP	227	156.9	*	*	315.9	17122	517	2	0	0	0	0	17640	0	0	17640	
208 CNTR DIS FIELD CROP	238	130.5	*	*	204.1	13248	540	243	0	0	0	0	14030	0	0	14030	
209 CNTR WEEDS FLD CROP	131	58.1	*	*	88.0	6486	602	48	0	0	0	0	7135	0	0	7135	
210 CNTR PESTS ANIMALS	33	51.6	*	*	103.5	5219	412	216	0	0	0	0	5847	0	0	5847	
211 CNTR DIS ANIMALS	161	130.4	*	*	627.0	27933	2167	181	0	0	0	0	30282	0	0	30282	
212 CNTR INTER PARASITE	27	35.0	*	*	111.2	4762	93	0	0	0	0	0	4855	0	0	4855	
213 PROT ANHLS FROM TOX	28	27.0	*	*	53.2	3022	150	0	0	0	0	0	3172	0	0	3172	
214 PROTECT FROM POLLUT	22	15.5	*	*	25.9	1497	43	0	0	0	0	0	1541	0	0	1541	
SUBTOTAL	1187	764.1	*	*	1847.0	96980	6690	826	0	0	0	0	104496	0	0	104496	
SERIES 300																	
304 IMP BIO EFF FRT & V	106	53.5	*	*	124.3	6630	410	48	0	0	0	0	7088	0	0	7088	
305 HECH PROD FRT & VEG	24	11.9	*	*	17.5	1163	112	0	0	0	0	0	1274	0	0	1274	
306 PROD HGHT SYS F & V	3	0.7	*	*	1.4	50	12	0	0	0	0	0	62	0	0	62	
307 IMP BIO EFF FLD CRP	313	173.8	*	*	292.6	18751	846	68	0	0	0	0	19665	0	0	19665	
308 HECH PROD FIELD CRO	58	36.2	*	*	65.1	4321	129	0	0	0	0	0	4450	0	0	4450	
309 PROD HGHT SYS FLD C	28	7.7	*	*	14.5	788	163	0	0	0	0	0	951	0	0	951	
310 ANIMAL REPRODUCTION	45	42.3	*	*	70.9	5850	258	114	0	0	0	0	6221	0	0	6221	
311 IMP BIO EFF ANML PR	120	71.8	*	*	195.3	13604	347	29	0	0	0	0	13980	0	0	13980	
312 ENV STRESS IN ANML	23	9.9	*	*	12.6	1210	119	0	0	0	0	0	1329	0	0	1329	
313 PROD MGMT SYS ANML	12	2.9	*	*	11.2	767	53	0	0	0	0	0	820	0	0	820	
314 BEES OTH POLLWTNG I	46	32.7	*	*	48.2	2764	226	0	0	0	0	0	2990	0	0	2990	
315 IMP STRUC FARM SUPP	15	6.6	*	*	7.5	790	45	0	0	0	0	0	835	0	0	835	
317 HECH/STRUCTS ANML P	12	5.9	*	*	11.9	1125	86	0	0	0	0	0	1212	0	0	1212	
318 NON-COM BIO TECH/BI	220	246.0	*	*	383.6	24335	1305	501	0	0	0	0	26141	0	0	26141	
SUBTOTAL	1025	701.8	*	*	1256.6	82148	4111	759	0	0	0	0	87018	0	0	87018	
SERIES 400																	
402 PROD F & V IMP ACCE	39	14.2	*	*	27.0	1714	0	0	0	0	0	0	1714	0	0	1714	
403 NEW & IMP F&V PRCD	48	56.5	*	*	70.7	4935	62	0	0	0	0	0	4997	0	0	4997	
404 MKT QUAL FRTS & VEG	79	56.5	*	*	79.1	5672	97	33	0	0	0	0	5802	0	0	5802	
405 PROD FLD CROP INF A	127	77.9	*	*	114.5	7468	310	96	0	0	0	0	7874	0	0	7874	
406 NEW IMP FOOD FLD CR	56	97.3	*	*	129.4	8809	35	17	0	0	0	0	8861	0	0	8861	
407 NEW IMP NON-FOOD FC	65	93.7	*	*	144.5	8518	36	5	0	0	0	0	8559	0	0	8559	
408 MKT QUAL FIELD CROP	64	42.8	*	*	64.9	3982	73	18	0	0	0	0	4073	0	0	4073	
409 PROD ANML PR IMP AC	6	4.1	*	*	9.9	663	0	0	0	0	0	0	663	0	0	663	
410 IMP BEAT MILK EGG P	21	32.5	*	*	57.3	3308	9	0	0	0	0	0	3317	0	0	3317	
411 IMP NON-FOOD ANML P	11	33.3	*	*	41.3	2941	81	0	0	0	0	0	3021	0	0	3021	
412 MKT QUAL ANIMAL PRO	15	7.1	*	*	13.5	752	0	0	0	0	0	0	752	0	0	752	
SUBTOTAL	531	515.8	*	*	752.0	48760	703	170	0	0	0	0	49633	0	0	49633	
SERIES 500																	
501 IMP GRADES & STANDS	26	22.7	*	*	45.8	2382	102	0	0	0	0	0	2484	0	0	2484	
503 MKTG EFF AGRIC PRCD	41	23.9	*	*	31.9	2149	0	18	0	0	0	0	2167	0	0	2167	
506 SPLY DEMAND AND FRI	1	0.1	*	*	0.2	11	0	0	0	0	0	0	11	0	0	11	
509 PERFORMANCE MKTG SY	1	0.8	*	*	0.8	66	0	0	0	0	0	0	66	0	0	66	
SUBTOTAL	69	47.4	*	*	78.8	4608	102	18	0	0	0	0	4728	0	0	4728	
SERIES 600																	
603 TECH AID DEV CRTY	16	12.6	*	*	1.6	166	171	698	0	0	0	0	1035	0	0	1035	
604 PRD DVLPT/MKTG PRG	19	21.9	*	*	31.1	2249	0	18	0	0	0	0	2267	0	0	2267	
SUBTOTAL	35	34.5	*	*	32.6	2414	171	717	0	0	0	0	3302	0	0	3302	
SERIES 700																	
701 TOX BES IN FOOD	33	40.9	*	*	54.8	4155	195	51	0	0	0	0	4401	0	0	4401	
702 FOOD PROT FROM TCX	87	94.2	*	*	142.6	8899	382	54	0	0	0	0	9335	0	0	9335	
703 FOOD CONSUMR HABITS	16	22.0	*	*	38.5	4147	897	947	0	0	0	0	5991	0	0	5991	
704 HOME COMM FOOD SERV	2	1.6	*	*	2.4	113	0	0	0	0	0	0	113	0	0	113	
705 SEL CARE CLOTH & TE	5	4.5	*	*	4.9	263	18	6	0	0	0	0	287	0	0	287	
706 CNTR INSECTS AFF H	28	29.2	*	*	47.5	2971	370	104	0	0	0	0	3445	0	0	3445	
707 TRANS ANML HAN DI	1	1.1	*	*	1.3	85	0	0	0	0	0	0	85	0	0	85	
708 HUMAN NUTRITION	103	108.4	*	*	167.0	12942	1363	5172	0	0	0	0	19477	0	0	19477	
709 REDUCE HAZ HLTH & S	66	71.6	*	*	121.8	6053	732	196	0	0	0	0	6980	0	0	6980	
SUBTOTAL	341	373.5	*	*	580.8	39629	3955	6530	0	0	0	0	50114	0	0	50114	
SERIES 800																	
801 RURAL HOUSING	3	4.0	*	*	4.4	401	0	0	0	0	0	0	401	0	0	401	
802 INDIV & FAM DEC MAK	8	4.7	*	*	7.8	311	41	0	0	0	0	0	352	0	0	352	
805 COMMUNICAT RURAL PE	1	0.1	*	*	0.0	0	7	0	0	0	0	0	7	0	0	7	
SUBTOTAL	12	8.8	*	*	12.2	712	49	0	0	0	0	0	760	0	0	760	

AGRICULTURAL RESEARCH

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	PROBLEM AREA	STAFF			OF 1980 FUNDS BY SOURCE						EXCLUSIVE OF PL-480 AND AID FUNDS					
			I.H. SUPPORT PROF	YEARS TECH	OTHER	REG IN HOUSE	C & SARS	CA CN	OTHER GT	SP 015	FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FUND	NON- FED FUND	TOTAL
SERIES 900																	
901 ALLEV POLLUTION	93	86.5	*	*	149.3	9102	273	69	0	0	0	0	0	9445	0	0	9445
904 WLDLFE AND FISH ECO	10	2.5	*	*	5.5	263	40	3	0	0	0	0	0	307	0	0	307
905 TREES BEAUTIFICATIO	19	12.1	*	*	71.4	2450	51	0	0	0	0	0	0	2500	0	0	2500
906 ORNAMENT & TURF DEV	62	33.0	*	*	84.5	4288	137	0	0	0	0	0	0	4425	0	0	4425
990 UNCLASSIFIED	4	4.4	*	*	7.8	474	555	0	0	0	0	0	0	1029	0	0	1029
SUBTOTAL	188	138.6	*	*	318.4	16577	1056	73	0	0	0	0	0	17705	0	0	17705
SCIENCE IN SERV OF MAN																	
GRAND TOTAL	394	2936.9	*	*	5480.6	330526	20654	9166	0	0	0	0	0	360346	0	0	360346

COOPERATIVE RESEARCH

TABLE III-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C	G	CA	OTHER CM GT	SP	FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA	OTHER FED FUND	NON- FED FUND	TOTAL
		SYS	I.H. PROF	SUPPORT TECH	YEARS OTHER														
0100 SOIL AND LAND	12	0.0	0.0	0.0	0.0	0	519	0	0	0	0	0	0	0	519	0	0	519	
0200 WATER	8	0.0	0.0	0.0	0.0	0	146	0	0	0	0	0	0	0	146	0	0	146	
0300 WATERSHEDS RIVER BAS	2	0.0	0.0	0.0	0.0	0	4	0	0	0	0	0	0	0	4	0	0	4	
0400 AIR AND CLIMATE	1	0.0	0.0	0.0	0.0	0	60	0	0	0	0	0	0	0	60	0	0	60	
0600 TIMBER FORST PRODUCT	7	0.0	0.0	0.0	0.0	0	402	0	0	0	0	0	0	0	402	0	0	402	
0800 WILDLIFE AND FISH	5	0.0	0.0	0.0	0.0	0	483	0	0	0	0	0	0	0	483	0	0	483	
0900 CITRUS SUB TROP FRUIT	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	0	2	0	0	2	
1000 FRUIT NUTS DECIDUOUS	5	0.0	0.0	0.0	0.0	0	151	0	0	0	0	0	0	0	151	0	0	151	
1100 POTATOES	2	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	0	0	17	0	0	17	
1200 VEGETABLES	17	0.0	0.0	0.0	0.0	0	457	0	0	0	0	0	0	0	457	0	0	457	
1300 ORNAMENTALS TURF	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	0	1	0	0	1	
1400 CORN	7	0.0	0.0	0.0	0.0	0	405	0	0	0	0	0	0	0	405	0	0	405	
1500 GRAIN SORGHUM	1	0.0	0.0	0.0	0.0	0	4	0	0	0	0	0	0	0	4	0	0	4	
1600 RICE	1	0.0	0.0	0.0	0.0	0	3	0	0	0	0	0	0	0	3	0	0	3	
1700 WHEAT	7	0.0	0.0	0.0	0.0	0	240	0	0	0	0	0	0	0	240	0	0	240	
1800 OTHER SMALL GRAINS	5	0.0	0.0	0.0	0.0	0	115	0	0	0	0	0	0	0	115	0	0	115	
1900 PASTURE	2	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	0	1	0	0	1	
2000 FORAGE CROPS	2	0.0	0.0	0.0	0.0	0	6	0	0	0	0	0	0	0	6	0	0	6	
2100 COTTON	3	0.0	0.0	0.0	0.0	0	18	0	0	0	0	0	0	0	18	0	0	18	
2300 SOYBEANS	8	0.0	0.0	0.0	0.0	0	667	0	0	0	0	0	0	0	667	0	0	667	
2400 PEANUTS	1	0.0	0.0	0.0	0.0	0	22	0	0	0	0	0	0	0	22	0	0	22	
2500 OTHER OILSEED CROPS	3	0.0	0.0	0.0	0.0	0	107	0	0	0	0	0	0	0	107	0	0	107	
2600 TOBACCO	1	0.0	0.0	0.0	0.0	0	24	0	0	0	0	0	0	0	24	0	0	24	
2700 SUGAR CROPS	4	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	0	0	17	0	0	17	
2800 MISC NEW CROPS	9	0.0	0.0	0.0	0.0	0	521	0	0	0	0	0	0	0	521	0	0	521	
2900 POULTRY	15	0.0	0.0	0.0	0.0	0	924	0	0	0	0	0	0	0	924	0	0	924	
3000 BEEF CATTLE	20	0.0	0.0	0.0	0.0	0	1481	0	0	0	0	0	0	0	1481	0	0	1481	
3100 DAIRY CATTLE	24	0.0	0.0	0.0	0.0	0	1890	0	0	0	0	0	0	0	1890	0	0	1890	
3200 SWINE	14	0.0	0.0	0.0	0.0	0	997	0	0	0	0	0	0	0	997	0	0	997	
3300 SHEEP AND WOOL	6	0.0	0.0	0.0	0.0	0	544	0	0	0	0	0	0	0	544	0	0	544	
3400 OTHER ANIMALS	6	0.0	0.0	0.0	0.0	0	492	0	0	0	0	0	0	0	492	0	0	492	
3600 FARM SUPP & FACILITS	4	0.0	0.0	0.0	0.0	0	129	0	0	0	0	0	0	0	129	0	0	129	
3800 FOOD	4	0.0	0.0	0.0	0.0	0	288	0	0	0	0	0	0	0	288	0	0	288	
3900 HOUSING & EQUIP	6	0.0	0.0	0.0	0.0	0	356	0	0	0	0	0	0	0	356	0	0	356	
4000 PEOPLE AS INDIVIDUAL	4	0.0	0.0	0.0	0.0	0	61	0	0	0	0	0	0	0	61	0	0	61	
4100 FAMILY MEMBERS	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	0	15	0	0	15	
4300 SOC POLIT ORGANIZ	3	0.0	0.0	0.0	0.0	0	164	0	0	0	0	0	0	0	164	0	0	164	
4400 AGRIC ECONOMY U S	1	0.0	0.0	0.0	0.0	0	58	0	0	0	0	0	0	0	58	0	0	58	
4800 MARKETING SYSTEMS	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	0	15	0	0	15	
6100 WEEDS	2	0.0	0.0	0.0	0.0	0	5	0	0	0	0	0	0	0	5	0	0	5	
6300 BIO CELL SYSTEMS	1	0.0	0.0	0.0	0.0	0	45	0	0	0	0	0	0	0	45	0	0	45	
6500 INVERTEBRATES	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	0	2	0	0	2	
6600 MICROORGANISMS, VIRUS	2	0.0	0.0	0.0	0.0	0	101	0	0	0	0	0	0	0	101	0	0	101	
6700 PLANTS	54	0.0	0.0	0.0	0.0	0	1934	0	0	0	0	0	0	0	1934	0	0	1934	
6800 ANIMALS (VERTEBRATES)	28	0.0	0.0	0.0	0.0	0	394	0	0	0	0	0	0	0	394	0	0	394	
7000 RSCH EQUIP & TECHNOL	1	0.0	0.0	0.0	0.0	0	45	0	0	0	0	0	0	0	45	0	0	45	
TOTAL	313	0.0	0.0	0.0	0.0	0	14333	0	0	0	0	0	0	0	14333	0	0	14333	

COOPERATIVE RESEARCH

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C SARS	G CH	CA GT	OTHER 015	SP 010	FD SERV	FORST USDA	OTHER USDA	TOTAL USDA APPR	OTHER FED FUNDS	NON- FED FUNDS	TOTAL
		I.H. SYS	SUPPORT PROF	YEARS TECH	OTHER													
SERIES 100																		
102 SOIL PLMT WTR NUTRI	3	0.0	0.0	0.0	0.0	0	63	0	0	0	0	0	0	63	0	0	63	
103 MGMT OF SALINE SOIL	1	0.0	0.0	0.0	0.0	0	52	0	0	0	0	0	0	52	0	0	52	
104 ALTERN USE OF LAND	2	0.0	0.0	0.0	0.0	0	84	0	0	0	0	0	0	84	0	0	84	
105 CONSERV USE OF WATE	3	0.0	0.0	0.0	0.0	0	88	0	0	0	0	0	0	88	0	0	88	
106 DRAIN AND IRRIGATIO	1	0.0	0.0	0.0	0.0	0	29	0	0	0	0	0	0	29	0	0	29	
107 WATERSHED PROT & MG	2	0.0	0.0	0.0	0.0	0	160	0	0	0	0	0	0	160	0	0	160	
111 BIOL CULT HGMT FORS	1	0.0	0.0	0.0	0.0	0	60	0	0	0	0	0	0	60	0	0	60	
SUBTOTAL	13	0.0	0.0	0.0	0.0	0	535	0	0	0	0	0	0	535	0	0	535	
SERIES 200																		
201 CNTRL FORST INSECTS	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	2	0	0	2	
202 CONTROL FOREST DIS	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	2	0	0	2	
204 CNTR PESTS FRT & VE	8	0.0	0.0	0.0	0.0	0	149	0	0	0	0	0	0	149	0	0	149	
205 CNTR DISE FRT & VEG	7	0.0	0.0	0.0	0.0	0	67	0	0	0	0	0	0	67	0	0	67	
206 CNTR WEEDS FRT & VE	3	0.0	0.0	0.0	0.0	0	10	0	0	0	0	0	0	10	0	0	10	
207 CNTR PESTS FLD CBOP	5	0.0	0.0	0.0	0.0	0	21	0	0	0	0	0	0	21	0	0	21	
208 CNTR DIS FIELD CBOP	13	0.0	0.0	0.0	0.0	0	482	0	0	0	0	0	0	482	0	0	482	
209 CNTR WEEDS FLD CBOP	8	0.0	0.0	0.0	0.0	0	83	0	0	0	0	0	0	83	0	0	83	
210 CNTR PESTS ANIMALS	5	0.0	0.0	0.0	0.0	0	317	0	0	0	0	0	0	317	0	0	317	
211 CNTR DIS ANIMALS	47	0.0	0.0	0.0	0.0	0	4182	0	0	0	0	0	0	4182	0	0	4182	
212 CNTR INTER PARASITE	4	0.0	0.0	0.0	0.0	0	471	0	0	0	0	0	0	471	0	0	471	
213 PROT ANMLS FROM TOX	6	0.0	0.0	0.0	0.0	0	531	0	0	0	0	0	0	531	0	0	531	
214 PROTECT FROM POLLUT	7	0.0	0.0	0.0	0.0	0	469	0	0	0	0	0	0	469	0	0	469	
SUBTOTAL	115	0.0	0.0	0.0	0.0	0	6785	0	0	0	0	0	0	6785	0	0	6785	
SERIES 300																		
301 GENET BREED FORST T	1	0.0	0.0	0.0	0.0	0	20	0	0	0	0	0	0	20	0	0	20	
302 IMP FOREST ENG SYS	1	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	0	17	0	0	17	
303 ECON TIMBER PRODUCT	1	0.0	0.0	0.0	0.0	0	35	0	0	0	0	0	0	35	0	0	35	
304 IMP BIO EFF FRT & V	5	0.0	0.0	0.0	0.0	0	114	0	0	0	0	0	0	114	0	0	114	
305 MECH PROD FRT & VEG	1	0.0	0.0	0.0	0.0	0	2	0	0	0	0	0	0	2	0	0	2	
306 PROD HGMT SYS F & V	1	0.0	0.0	0.0	0.0	0	20	0	0	0	0	0	0	20	0	0	20	
307 IMP BIO EFF FLD CRP	11	0.0	0.0	0.0	0.0	0	571	0	0	0	0	0	0	571	0	0	571	
308 MECH PROD FIELD CRO	2	0.0	0.0	0.0	0.0	0	80	0	0	0	0	0	0	80	0	0	80	
309 PROD HGMT SYS FLD C	5	0.0	0.0	0.0	0.0	0	287	0	0	0	0	0	0	287	0	0	287	
310 ANIMAL REPRODUCTION	3	0.0	0.0	0.0	0.0	0	333	0	0	0	0	0	0	333	0	0	333	
311 IMP BIO EFF ANML PR	8	0.0	0.0	0.0	0.0	0	308	0	0	0	0	0	0	308	0	0	308	
312 ENV STRESS IN ANML	2	0.0	0.0	0.0	0.0	0	31	0	0	0	0	0	0	31	0	0	31	
313 PROD HGMT SYS ANML	2	0.0	0.0	0.0	0.0	0	42	0	0	0	0	0	0	42	0	0	42	
315 IMP STRUC FARM SUPP	8	0.0	0.0	0.0	0.0	0	510	0	0	0	0	0	0	510	0	0	510	
317 MECH/STRUCTS ANML P	1	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	0	17	0	0	17	
318 NON-COM BIO TECH/BI	5	0.0	0.0	0.0	0.0	0	305	0	0	0	0	0	0	305	0	0	305	
SUBTOTAL	57	0.0	0.0	0.0	0.0	0	2692	0	0	0	0	0	0	2692	0	0	2692	
SERIES 400																		
401 NEW IMP FOREST PROD	3	0.0	0.0	0.0	0.0	0	266	0	0	0	0	0	0	266	0	0	266	
402 PROD F & V IMP ACCE	2	0.0	0.0	0.0	0.0	0	42	0	0	0	0	0	0	42	0	0	42	
403 NEW & IMP FEV PRCD	2	0.0	0.0	0.0	0.0	0	119	0	0	0	0	0	0	119	0	0	119	
407 NEW IMP NON-FOOD PC	11	0.0	0.0	0.0	0.0	0	615	0	0	0	0	0	0	615	0	0	615	
408 MKT QUAL FIELD CBOP	1	0.0	0.0	0.0	0.0	0	40	0	0	0	0	0	0	40	0	0	40	
411 IMP NON-FOOD ANML P	3	0.0	0.0	0.0	0.0	0	228	0	0	0	0	0	0	228	0	0	228	
SUBTOTAL	22	0.0	0.0	0.0	0.0	0	1312	0	0	0	0	0	0	1312	0	0	1312	
SERIES 500																		
507 COMP REL IN AGRIC	2	0.0	0.0	0.0	0.0	0	38	0	0	0	0	0	0	38	0	0	38	
508 DOMESTIC MKT DEVELP	1	0.0	0.0	0.0	0.0	0	17	0	0	0	0	0	0	17	0	0	17	
509 PERFORMANCE MKTG SY	1	0.0	0.0	0.0	0.0	0	44	0	0	0	0	0	0	44	0	0	44	
510 GROUP ACT MKT POWER	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	15	
SUBTOTAL	5	0.0	0.0	0.0	0.0	0	113	0	0	0	0	0	0	113	0	0	113	
SERIES 700																		
701 TOX RES IN FOOD	44	0.0	0.0	0.0	0.0	0	1750	0	0	0	0	0	0	1750	0	0	1750	
702 FOOD PROT FROM TOX	1	0.0	0.0	0.0	0.0	0	51	0	0	0	0	0	0	51	0	0	51	
707 TRANS ANML MAN DI	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	15	
SUBTOTAL	46	0.0	0.0	0.0	0.0	0	1816	0	0	0	0	0	0	1816	0	0	1816	
SERIES 800																		
802 INDIV & FAM DEC MAK	1	0.0	0.0	0.0	0.0	0	15	0	0	0	0	0	0	15	0	0	15	
803 RURAL POVERTY	1	0.0	0.0	0.0	0.0	0	11	0	0	0	0	0	0	11	0	0	11	
806 ADJUSTMENT TO CHANG	1	0.0	0.0	0.0	0.0	0	11	0	0	0	0	0	0	11	0	0	11	
807 AGRIC ECONOMIC CHAN	1	0.0	0.0	0.0	0.0	0	58	0	0	0	0	0	0	58	0	0	58	
SUBTOTAL	4	0.0	0.0	0.0	0.0	0	95	0	0	0	0	0	0	95	0	0	95	
SERIES 900																		
901 ALLEV POLLUTION	12	0.0	0.0	0.0	0.0	0	319	0	0	0	0	0	0	319	0	0	319	
904 WDLIFE AND FISH ECO	4	0.0	0.0	0.0	0.0	0	483	0	0	0	0	0	0	483	0	0	483	
906 ORNAMENT & TURF DEV	1	0.0	0.0	0.0	0.0	0	1	0	0	0	0	0	0	1	0	0	1	
907 RURAL INCOME IMP	2	0.0	0.0	0.0	0.0	0	58	0	0	0	0	0	0	58	0	0	58	
908 RURAL INSTITUT IMP	3	0.0	0.0	0.0	0.0	0	124	0	0	0	0	0	0	124	0	0	124	
SUBTOTAL	22	0.0	0.0	0.0	0.0	0	985	0	0	0	0	0	0	985	0	0	985	
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	284	0.0	0.0	0.0	0.0	0	14333	0	0	0	0	0	0	14333	0	0	14333	

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL		
		I.H.SUPPORT YEARS			REG	IN	C	G	CA	OTHER	SP					PD	SP
		SYS	PROF	TECH	OTHER	HOUSE	SARS	CN	GT	015	010	SERV	USDA				
0600 TIMBER FORST PRODUCT	3	0.0	0.0	0.0	0.0	0	0	0	103	0	0	0	0	103	0	0	103
0900 CITRUS SUB TROP FBUT	1	0.0	0.0	0.0	0.0	0	0	0	50	0	0	0	0	50	0	0	50
1000 FRUIT NUTS DECIDUCUS	3	0.0	0.0	0.0	0.0	0	0	0	125	0	0	0	0	125	0	0	125
1100 POTATOES	4	0.0	0.0	0.0	0.0	0	0	0	230	0	0	0	0	230	0	0	230
1200 VEGETABLES	4	0.0	0.0	0.0	0.0	0	0	0	310	0	0	0	0	310	0	0	310
1400 CORN	2	0.0	0.0	0.0	0.0	0	0	0	140	0	0	0	0	140	0	0	140
1600 RICE	1	0.0	0.0	0.0	0.0	0	0	0	100	0	0	0	0	100	0	0	100
1700 WHEAT	1	0.0	0.0	0.0	0.0	0	0	0	75	0	0	0	0	75	0	0	75
1800 OTHER SMALL GRAINS	1	0.0	0.0	0.0	0.0	0	0	0	25	0	0	0	0	25	0	0	25
2000 FORAGE CROPS	3	0.0	0.0	0.0	0.0	0	0	0	279	0	0	0	0	279	0	0	279
2300 SOYBEANS	6	0.0	0.0	0.0	0.0	0	0	0	438	0	0	0	0	438	0	0	438
2400 PEANUTS	1	0.0	0.0	0.0	0.0	0	0	0	75	0	0	0	0	75	0	0	75
2500 OTHER OILSEED CROES	1	0.0	0.0	0.0	0.0	0	0	0	20	0	0	0	0	20	0	0	20
2600 TOBACCO	1	0.0	0.0	0.0	0.0	0	0	0	35	0	0	0	0	35	0	0	35
3800 FOOD	28	0.0	0.0	0.0	0.0	0	0	0	2813	0	0	0	0	2813	0	0	2813
6100 WEEDS	2	0.0	0.0	0.0	0.0	0	0	0	140	0	0	0	0	140	0	0	140
6200 SEED RESEARCH	1	0.0	0.0	0.0	0.0	0	0	0	55	0	0	0	0	55	0	0	55
6300 BIO CELL SYSTEMS	41	0.0	0.0	0.0	0.0	0	0	0	2641	0	0	0	0	2641	0	0	2641
6500 INVERTEBRATES	7	0.0	0.0	0.0	0.0	0	0	0	272	0	0	0	0	272	0	0	272
6600 MICROORGANISMS, VIRUS	48	0.0	0.0	0.0	0.0	0	0	0	3004	0	0	0	0	3004	0	0	3004
6700 PLANTS	54	0.0	0.0	0.0	0.0	0	0	0	3403	0	0	0	0	3403	0	0	3403
TOTAL	213	0.0	0.0	0.0	0.0	0	0	0	14333	0	0	0	0	14333	0	0	14333

COMPETITIVE RESEARCH GRANT OFFICE

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF										TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL		
		I.H.SUPPORT YEARS			REG	IN	C	G	CA	OTHER	SP					PD	SP
		SYS	PROF	TECH	OTHER	HOUSE	SARS	CN	GT	015	010	SERV	USDA				
SERIES 200																	
204 CNTR PESTS FRT & VE	4	0.0	0.0	0.0	0.0	0	0	0	190	0	0	0	0	190	0	0	190
205 CNTR DISE FRT & VEG	7	0.0	0.0	0.0	0.0	0	0	0	380	0	0	0	0	380	0	0	380
206 CNTR WEEDS FRT & VE	1	0.0	0.0	0.0	0.0	0	0	0	65	0	0	0	0	65	0	0	65
207 CNTR PESTS FLD CROP	3	0.0	0.0	0.0	0.0	0	0	0	93	0	0	0	0	93	0	0	93
208 CNTR DIS FIELD CROP	13	0.0	0.0	0.0	0.0	0	0	0	814	0	0	0	0	814	0	0	814
209 CNTR WEEDS FLD CROP	1	0.0	0.0	0.0	0.0	0	0	0	50	0	0	0	0	50	0	0	50
SUBTOTAL	29	0.0	0.0	0.0	0.0	0	0	0	1591	0	0	0	0	1591	0	0	1591
SERIES 300																	
304 IMP BIO EFF FRT & V	4	0.0	0.0	0.0	0.0	0	0	0	315	0	0	0	0	315	0	0	315
307 IMP BIO EFF FLD CRP	8	0.0	0.0	0.0	0.0	0	0	0	764	0	0	0	0	764	0	0	764
318 NON-COM BIO TECH/BI	127	0.0	0.0	0.0	0.0	0	0	0	8850	0	0	0	0	8850	0	0	8850
SUBTOTAL	139	0.0	0.0	0.0	0.0	0	0	0	9929	0	0	0	0	9929	0	0	9929
SERIES 700																	
703 FOOD CONSUMP HABITS	1	0.0	0.0	0.0	0.0	0	0	0	190	0	0	0	0	190	0	0	190
708 HUMAN NUTRITION	27	0.0	0.0	0.0	0.0	0	0	0	2623	0	0	0	0	2623	0	0	2623
SUBTOTAL	28	0.0	0.0	0.0	0.0	0	0	0	2813	0	0	0	0	2813	0	0	2813
SCIENCE IN SERV OF MAN																	
GRAND TOTAL	196	0.0	0.0	0.0	0.0	0	0	0	14333	0	0	0	0	14333	0	0	14333

ECONOMICS STATISTICS COOPERATIVES SERVIC

TABLE III-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF				REG IN HOUSE	C	G	CA	OTHER CH GT	SP 015	PD 010	PD SERV	FORST USDA	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.H.SUPPORT SYS	TECH	YEARS OTHER	TECH														
0100 SOIL AND LAND	19	22.6	0.0	0.0	15.2	1848	0	0	0	0	0	0	0	0	1848	32	0	1879	
0200 WATER	23	31.0	0.0	0.0	20.6	2411	0	0	0	0	0	0	0	9	2420	32	0	2452	
0300 WATERSHEDS RIVER BAS	2	5.0	0.0	0.0	1.5	394	0	0	0	0	0	0	0	0	394	0	0	394	
0400 AIR AND CLIMATE	3	0.5	0.0	0.0	0.3	22	0	0	0	0	0	0	0	0	22	16	0	37	
0500 RECREATION RESOURCES	3	0.5	0.0	0.0	0.3	22	0	0	0	0	0	0	0	0	22	16	0	37	
0700 RANGE	4	1.7	0.0	0.0	0.8	102	0	0	0	0	0	0	0	0	102	32	0	134	
0800 WILDLIFE AND FISH	1	0.1	0.0	0.0	0.2	12	0	0	0	0	0	0	0	0	12	0	0	12	
0900 CITRUS SUB TROP FRUIT	5	0.6	0.0	0.0	1.0	42	0	0	0	0	0	0	0	0	42	0	0	42	
1000 FRUIT NUTS DECIDUOUS	9	2.7	0.0	0.0	2.6	175	0	0	0	0	0	0	0	0	175	0	0	175	
1100 POTATOES	2	0.8	0.0	0.0	0.1	67	0	0	0	0	0	0	0	0	67	0	0	67	
1200 VEGETABLES	9	3.2	0.0	0.0	3.1	215	0	0	0	0	0	0	0	0	215	0	0	215	
1400 CORN	6	3.2	0.0	0.0	3.2	228	0	0	0	0	0	0	0	4	232	0	0	232	
1500 GRAIN SORGHUM	4	2.0	0.0	0.0	1.8	137	0	0	0	0	0	0	0	2	139	0	0	139	
1600 RICE	4	2.0	0.0	0.0	1.8	137	0	0	0	0	0	0	0	2	139	0	0	139	
1700 WHEAT	5	2.6	0.0	0.0	2.4	180	0	0	0	0	0	0	0	4	184	0	0	184	
1800 OTHER SMALL GRAINS	5	2.2	0.0	0.0	2.1	156	0	0	0	0	0	0	0	2	157	0	0	157	
2100 COTTON	5	2.1	0.0	0.0	2.1	149	0	0	0	0	0	0	0	0	149	0	0	149	
2300 SOYBEANS	6	2.9	0.0	0.0	2.8	201	0	0	0	0	0	0	0	2	203	0	0	203	
2400 PEANUTS	4	1.8	0.0	0.0	1.7	126	0	0	0	0	0	0	0	0	126	0	0	126	
2500 OTHER OILSEED CROPS	4	1.5	0.0	0.0	1.4	107	0	0	0	0	0	0	0	0	107	0	0	107	
2600 TOBACCO	3	1.4	0.0	0.0	1.3	98	0	0	0	0	0	0	0	0	98	0	0	98	
2700 SUGAR CROPS	9	4.1	0.0	0.0	2.2	268	0	0	0	0	0	0	0	0	268	0	0	268	
2800 MISC NEW CROPS	3	2.8	0.0	0.0	2.9	170	0	0	0	0	0	0	0	0	170	0	0	170	
2900 POULTRY	4	0.9	0.0	0.0	1.0	82	0	0	0	0	0	0	0	0	82	0	0	82	
3000 BEEF CATTLE	6	5.4	0.0	0.0	2.7	372	0	0	0	0	0	0	0	39	411	0	0	411	
3100 DAIRY CATTLE	3	2.5	0.0	0.0	1.7	185	0	0	0	0	0	0	0	0	185	0	0	185	
3200 SWINE	6	3.1	0.0	0.0	1.8	225	0	0	0	0	0	0	0	26	251	0	0	251	
3300 SHEEP AND WOOL	2	0.2	0.0	0.0	0.2	17	0	0	0	0	0	0	0	0	17	0	0	17	
3600 FARM SUPP & FACILITS	7	5.1	0.0	0.0	3.3	395	0	0	0	0	0	0	0	0	395	0	0	395	
3800 FOOD	3	8.4	0.0	0.0	3.6	636	0	0	0	0	0	0	0	0	636	0	0	636	
4000 PEOPLE AS INDIVIDUAL	16	20.1	0.0	0.0	23.0	1615	0	0	0	0	0	0	0	0	1615	0	0	1615	
4100 FAMILY MEMBERS	7	15.0	0.0	0.0	16.4	1225	0	0	0	0	0	0	0	0	1225	0	0	1225	
4200 FARM AS BUSINESS	3	5.7	0.0	0.0	3.8	481	0	0	0	0	0	0	10	491	0	0	491		
4300 SOC POLIT ORGANIZ	33	23.1	0.0	0.0	23.6	1588	0	0	0	0	0	0	0	0	1588	124	0	1712	
4400 AGRIC ECONOMY U S	33	99.0	0.0	0.0	104.5	8701	0	0	0	0	0	0	23	8724	0	17	8741		
4500 AGRIC ECONOMY FORGN	96	113.6	0.0	0.0	100.4	8196	0	0	0	0	0	0	0	0	8196	0	0	8196	
4600 FARM COOPERATIVES	26	9.0	1.3	0.0	4.6	568	73	15	0	0	0	0	0	0	656	0	0	656	
4800 MARKETING SYSTEMS	4	5.2	0.0	0.0	13.8	1470	0	0	0	0	0	0	0	294	1764	0	0	1764	
6400 EXP DESIGN/STAT METH	3	14.5	0.5	4.0	11.0	1189	0	0	0	0	0	0	0	0	1189	0	0	1189	
6700 PLANTS	9	13.2	0.0	0.0	11.9	1444	0	0	0	0	0	0	0	285	1729	0	0	1729	
6800 ANIMALS (VERTEBRATES)	9	3.9	0.0	0.0	3.7	411	0	0	0	0	0	0	0	76	487	0	0	487	
7000 RSCH EQUIP & TECHNOL	2	30.0	0.0	0.0	28.2	5429	0	0	0	0	0	0	0	0	5429	0	0	5429	
TOTAL	410	475.1	1.8	4.0	430.4	41492	73	15	0	0	0	0	777	42358	251	17	42626		

ECONOMICS STATISTICS COOPERATIVES SERVIC

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN C G CA HOUSE SAES	OTHER CM GT	SP 015	FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
		I.H.SUPPORT SYS	PROF	TECH	OTHER	YEARS										
SERIES 100																
104 ALTERN USE OF LAND	14	18.4	0.0	0.0	13.2	1630	0	0	0	0	0	1630	32	0	1662	
105 CONSERV USE OF WATE	11	13.0	0.0	0.0	12.9	1117	0	0	0	0	0	1117	32	0	1148	
107 WATERSHED PROT & MG	2	1.0	0.0	0.0	0.1	97	0	0	0	0	0	97	0	0	97	
108 ECON LBG PROB OF WA	2	7.1	0.0	0.0	2.3	583	0	0	0	0	0	583	0	0	583	
110 APPRAIS FORST & BAN	4	1.7	0.0	0.0	0.8	102	0	0	0	0	0	102	32	0	134	
113 REMOTE SENSING	1	25.0	0.0	0.0	24.5	4783	0	0	0	0	0	4783	0	0	4783	
SUBTOTAL	34	66.3	0.0	0.0	53.7	8312	0	0	0	0	0	8312	95	0	8407	
SERIES 200																
204 CNTR PESTS FRT & VE	9	5.5	0.0	0.0	4.8	618	0	0	0	0	126	745	0	0	745	
205 CNTR DISE FRT & VEG	9	3.9	0.0	0.0	3.5	432	0	0	0	0	87	519	0	0	519	
206 CNTR WEEDS FRT & VE	9	3.8	0.0	0.0	3.6	394	0	0	0	0	72	466	0	0	466	
210 CNTR PESTS ANIMALS	9	2.6	0.0	0.0	2.4	282	0	0	0	0	54	336	0	0	336	
211 CNTR DIS ANIMALS	9	1.3	0.0	0.0	1.3	129	0	0	0	0	22	151	0	0	151	
SUBTOTAL	45	17.1	0.0	0.0	15.6	1855	0	0	0	0	361	2216	0	0	2216	
SERIES 300																
313 PROD MGMT SYS ANEL	1	1.0	0.0	0.0	0.0	50	0	0	0	0	0	50	0	0	50	
SUBTOTAL	1	1.0	0.0	0.0	0.0	50	0	0	0	0	0	50	0	0	50	
SERIES 500																
503 MKTG EFF AGRIC PRCD	4	2.6	0.0	0.0	1.1	228	0	0	0	0	0	228	0	0	228	
506 SPLY DEMAND AND FRI	29	60.8	0.0	0.0	65.3	3870	0	0	0	0	0	3870	0	0	3870	
507 COMP REL IN AGRIC	1	0.3	0.0	0.0	0.1	21	0	0	0	0	0	21	0	0	21	
509 PERFORMANCE MKTG SY	6	12.3	0.0	0.0	19.9	1893	0	0	0	0	309	2202	0	0	2202	
510 GROUP ACT MKT POWER	25	5.0	1.3	0.0	0.7	368	73	15	0	0	0	456	0	0	456	
511 IMP AGRIC STATISTIC	3	19.5	0.5	4.0	14.6	1834	0	0	0	0	0	1834	0	0	1834	
SUBTOTAL	68	100.5	1.8	4.0	101.7	8214	73	15	0	0	309	8611	0	0	8611	
SERIES 600																
601 FGM MKT DEVELP	95	110.9	0.0	0.0	98.0	7986	0	0	0	0	0	7986	0	0	7986	
602 EVAL FGM FOOD AID P	1	2.7	0.0	0.0	2.4	210	0	0	0	0	0	210	0	0	210	
603 TECH AID DEV CRTY	4	5.8	0.0	0.0	2.4	246	0	0	0	0	0	246	0	0	246	
SUBTOTAL	100	119.4	0.0	0.0	102.8	8442	0	0	0	0	0	8442	0	0	8442	
SERIES 700																
703 FOOD CONSUMP HABITS	2	7.2	0.0	0.0	1.8	456	0	0	0	0	0	456	0	0	456	
704 HOME COHM FOOD SERV	1	0.4	0.0	0.0	1.8	150	0	0	0	0	0	150	0	0	150	
SUBTOTAL	3	7.6	0.0	0.0	3.6	606	0	0	0	0	0	606	0	0	606	
SERIES 800																
801 RURAL HOUSING	6	4.3	0.0	0.0	4.2	272	0	0	0	0	0	272	0	0	272	
804 ECON POTENT RURL PE	7	17.2	0.0	0.0	19.2	1304	0	0	0	0	0	1304	0	0	1304	
805 COMMUNICAT RURL PE	1	1.0	0.0	0.0	0.0	50	0	0	0	0	0	50	0	0	50	
806 ADJUSTMENT TO CHANG	7	12.3	0.0	0.0	15.9	1194	0	0	0	0	0	1194	0	0	1194	
807 AGRIC ECONOMIC CHAN	15	54.7	0.0	0.0	49.9	5694	0	0	0	0	98	5792	0	17	5809	
808 GOV'T PROGRAMS	19	36.4	0.0	0.0	33.1	2889	0	0	0	0	0	2889	0	0	2889	
SUBTOTAL	55	125.9	0.0	0.0	122.4	11403	0	0	0	0	98	11501	0	17	11518	
SERIES 900																
901 ALLEV POLLUTION	8	13.7	0.0	0.0	6.7	1002	0	0	0	0	9	1011	16	0	1026	
902 OUTDOOR RECREATION	3	0.5	0.0	0.0	0.3	22	0	0	0	0	0	22	16	0	37	
907 RURAL INCOME IMP	13	12.1	0.0	0.0	10.5	805	0	0	0	0	0	805	46	0	851	
908 RURAL INSTITUT IMP	24	11.0	0.0	0.0	13.1	783	0	0	0	0	0	783	78	0	860	
SUBTOTAL	48	37.3	0.0	0.0	30.6	2611	0	0	0	0	9	2620	156	0	2776	
SCIENCE IN SERV OF MAN																
GRAND TOTAL	354	475.1	1.8	4.0	430.4	41492	73	15	0	0	777	42358	251	17	42626	

U S FOREST SERVICE

TABLE III-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN HOUSE	C SAES	G CM	CA GT	OTHER 015	SP 010	FD SERV	FORST USDA	OTHER USDA	TOTAL	OTHER	NON-	TOTAL
		I.H. SYS	SUPPORT PROF	YEARS TECH	USDA APPR	FED FUND										FED FUND			
0100 SOIL AND LAND	5	10.5	7.1	5.4	7.7	1492	0	0	0	0	0	34	0	1526	289	0	1816		
0200 WATER	4	10.1	0.4	6.4	7.9	955	0	0	0	0	0	1	0	955	304	0	1259		
0300 WATERSHEDS RIVER EAS	29	80.0	14.1	51.0	27.6	7543	0	0	0	0	0	862	0	8405	1434	0	9838		
0400 AIR AND CLIMATE	5	7.0	0.0	4.4	2.0	664	0	0	0	0	0	4	0	668	66	0	734		
0500 RECREATION RESOURCES	19	35.6	6.0	8.9	13.6	3198	0	0	0	0	0	1012	0	4210	1026	0	5236		
0600 TIMBER FORST PRODUCT	188	710.9	147.1	437.1	338.7	72231	0	0	0	0	0	6008	0	78240	6581	0	84820		
0700 RANGE	23	35.9	9.9	19.1	10.6	3802	0	0	0	0	0	502	0	4303	440	0	4743		
0800 WILDLIFE AND FISH	29	61.9	8.6	34.3	20.4	5625	0	0	0	0	0	980	0	6605	752	0	7357		
3900 HOUSING & EQUIP	4	12.3	3.4	15.7	9.8	1525	0	0	0	0	0	17	0	1542	145	0	1687		
TOTAL	306	964.1	196.6	582.2	438.2	97034	0	0	0	0	0	9420	0	106454	11035	0	117489		

U S FOREST SERVICE

TABLE III-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-480 AND AID FUNDS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF					REG IN HOUSE	C SAES	G CM	CA GT	OTHER 015	SP 010	FD SERV	FORST USDA	OTHER USDA	TOTAL	OTHER	NON-	TOTAL
		I.H. SYS	SUPPORT PROF	YEARS TECH	USDA APPR	FED FUND										FED FUND			
SERIES 100																			
102 SOIL PLNT WTR NUTRI	1	1.2	0.0	0.6	0.4	116	0	0	0	0	0	9	0	125	52	0	177		
105 CONSERV USE OF WATE	1	1.5	0.1	0.6	0.7	153	0	0	0	0	0	0	0	153	36	0	189		
107 WATERSHED PROT & MG	30	85.4	13.7	54.5	33.1	8043	0	0	0	0	0	852	0	8895	1666	0	10561		
108 ECON LEG PROB OF WA	1	2.8	1.2	2.8	1.2	356	0	0	0	0	0	25	0	380	11	0	391		
110 APPRAIS FORST & RAN	12	64.9	61.0	28.4	31.5	10956	0	0	0	0	0	393	0	11349	847	0	12196		
111 BIOL CULT MGMT PCRS	59	198.6	17.9	138.5	74.9	17043	0	0	0	0	0	1093	0	18136	2506	0	20642		
112 IMPROV RANGE RESCR	7	14.4	3.9	8.6	4.0	1425	0	0	0	0	0	158	0	1582	205	0	1787		
SUBTOTAL	111	368.7	97.7	233.9	145.8	38091	0	0	0	0	0	2529	0	40620	5323	0	45943		
SERIES 200																			
201 CNTRL FORST INSECTS	32	96.4	6.5	61.6	40.9	10055	0	0	0	0	0	496	0	10551	408	0	10960		
202 CONTROL FOREST DIS	25	55.6	9.9	35.9	21.7	6716	0	0	0	0	0	1477	0	8192	530	0	8722		
203 FOREST FIRE PROTECT	19	69.3	14.7	22.8	20.5	6602	0	0	0	0	0	405	0	7006	763	0	7769		
207 CNTR PESTS FLD CROP	1	0.5	0.0	0.5	0.0	59	0	0	0	0	0	6	0	66	0	0	66		
214 PROTECT FROM POLLUT	3	7.6	2.3	4.7	6.3	1036	0	0	0	0	0	121	0	1157	108	0	1265		
SUBTOTAL	80	229.3	33.3	125.4	89.4	24467	0	0	0	0	0	2505	0	26972	1809	0	28781		
SERIES 300																			
301 GENET BREED FORST T	13	38.4	7.8	35.1	15.8	3489	0	0	0	0	0	285	0	3774	483	0	4256		
302 IMP FOREST ENG SYS	5	17.8	1.0	10.8	5.8	1788	0	0	0	0	0	192	0	1981	31	0	2011		
303 ECON TIMBER PRODUCT	5	11.2	0.0	0.5	5.1	698	0	0	0	0	0	69	0	767	11	0	778		
SUBTOTAL	23	67.3	8.8	46.3	26.7	5976	0	0	0	0	0	546	0	6522	524	0	7046		
SERIES 400																			
401 NEW IMP FOREST PROD	24	113.1	38.0	100.2	101.3	12496	0	0	0	0	0	934	0	13431	878	0	14308		
SUBTOTAL	24	113.1	38.0	100.2	101.3	12496	0	0	0	0	0	934	0	13431	878	0	14308		
SERIES 500																			
502 MKTG TIMBER PRODUCT	7	28.1	2.3	10.8	20.4	2142	0	0	0	0	0	388	0	2530	77	0	2607		
512 IMP GRADES FST PRO	2	9.0	3.6	3.7	3.4	723	0	0	0	0	0	31	0	754	34	0	788		
513 PRICE ANAL FST PRO	3	6.2	0.5	2.0	2.1	488	0	0	0	0	0	95	0	583	21	0	604		
SUBTOTAL	12	43.3	6.4	16.5	25.9	3353	0	0	0	0	0	514	0	3867	132	0	3998		
SERIES 600																			
601 PGM MKT DEVELP	1	3.0	0.0	1.0	0.0	69	0	0	0	0	0	108	0	177	0	0	177		
SUBTOTAL	1	3.0	0.0	1.0	0.0	69	0	0	0	0	0	108	0	177	0	0	177		
SERIES 800																			
801 RURAL HOUSING	2	6.0	0.0	5.0	2.1	570	0	0	0	0	0	0	0	570	38	0	608		
SUBTOTAL	2	6.0	0.0	5.0	2.1	570	0	0	0	0	0	0	0	570	38	0	608		
SERIES 900																			
901 ALLEV POLLUTION	11	18.7	0.6	9.6	9.2	2036	0	0	0	0	0	82	0	2117	339	0	2456		
902 OUTDOOR RECREATION	13	26.6	4.0	4.8	10.7	1975	0	0	0	0	0	599	0	2574	263	0	2838		
903 MULTI-USE-FOREST PO	14	28.3	2.9	3.8	8.2	2715	0	0	0	0	0	605	0	3320	1021	0	4341		
904 WLDLFE AND FISH ECO	25	57.2	5.0	32.7	18.0	4957	0	0	0	0	0	998	0	5955	682	0	6636		
905 TREES BEAUTIFICATIO	2	2.5	0.0	3.0	1.0	330	0	0	0	0	0	0	0	330	27	0	357		
SUBTOTAL	65	133.3	12.4	53.8	47.1	12012	0	0	0	0	0	2284	0	14296	2331	0	16628		
SCIENCE IN SERV OF MAN																			
GRAND TOTAL	318	964.1	196.6	582.2	438.2	97034	0	0	0	0	0	9420	0	106454	11035	0	117489		

UNITED STATES DEPARTMENT OF AGRICULTURE
 INVENTORY OF AGRICULTURAL RESEARCH
 NATIONAL TOTAL USDA RESEARCH AGENCIES

TABLE III-E-0 SUMMARY BY AGENCY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS EXCLUSIVE OF PL-880 AND AID FUNDS

	NO OF PROJ	SYS	STAFF			REG HOUSE	IN C	G	CA	OTHER S&S	SP CH	FD GT	SP 015	FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON- FED FUND	TOTAL
			I.R. PROP	SUPPORT TECH	YEARS OTHER															
AGRICULTURAL RESEARCH	2803	2936.9	*	*	*	330526	20654	9166	0	0	0	0	0	0	0	360346	0	0	0	360346
COOPERATIVE RESEARCH	194	0.0	0.0	0.0	0.0	0	14332	0	0	0	0	0	0	0	0	14332	0	0	0	14332
COMPETITIVE RESEARCH GRAM	193	0.0	0.0	0.0	0.0	0	0	14333	0	0	0	0	0	0	0	14333	0	0	0	14333
ECONOMICS STATISTICS CCOP	292	475.1	1.8	4.0	430.4	41492	73	15	0	0	0	0	0	0	777	42358	251	17	42626	
U S FOREST SERVICE	237	964.1	196.6	582.2	438.2	97034	0	0	0	0	0	0	9420	0	106454	11035	0	0	117489	
TOTAL	3719	4376.1	*	*	6349.2	469052	35060	23514	0	0	0	0	9420	777	537823	11286	17	0	549126	

NAT TOT SAES-FORESTRY SCH-OTHER INST

TABLE IV-B-0 SUMMARY BY COMMODITY		OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS																		
CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS					RCIN	SP	OTH	TOT CR	USDA CGCA	OTHER PRD	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL		
			PROF	TECH	OTHER	HATH	RRF													
0100 SOIL AND LAND	1182	359.3	409.3	338.9	258.5	3781	1312	340	433	811	6677	1921	4162	20935	1500	3300	2883	41378		
0200 WATER	718	185.8	235.1	157.1	146.9	1848	564	143	237	395	3187	1085	3510	10566	622	1079	1253	21303		
0300 WATERSHEDS RIVER EAS	147	37.4	42.8	31.3	32.8	196	117	270	12	69	664	364	917	2136	40	89	227	4438		
0400 AIR AND CLIMATE	143	37.7	42.4	22.2	33.4	315	292	35	4	34	680	193	1212	2262	173	88	97	4706		
0500 RECREATION RESOURCES	170	50.1	51.2	21.4	28.9	250	180	402	73	2	906	855	620	1956	57	55	305	4354		
0600 TIMBER FORST PRODUCT	1438	529.7	518.0	394.9	335.6	1204	6967	590	151	120	9760	5533	4520	25870	1519	4520	2651	54373		
0700 RANGE	285	80.6	69.5	90.1	65.5	773	113	122	376	28	1411	628	923	4486	619	363	167	8597		
0800 WILDLIFE AND FISH	703	192.0	249.0	209.6	162.3	1230	288	590	243	630	2981	913	5081	10731	650	2195	2817	25368		
0900 CITRUS SUB TROP FRUIT	289	125.7	79.9	113.1	180.6	979	159	0	12	0	1150	348	397	10908	225	448	170	13646		
1000 FRUIT NUTS DECIDUOUS	1019	354.2	266.6	376.9	328.6	4398	1358	0	308	277	6340	480	994	26527	1651	1968	970	38929		
1100 POTATOES	297	79.4	76.0	83.2	59.1	1096	446	0	85	0	1626	298	271	5264	409	919	402	9189		
1200 VEGETABLES	1357	433.4	335.7	416.5	542.0	5687	1382	0	788	1793	9651	672	1147	30572	1427	2260	1011	46740		
1300 ORNAMENTALS TURF	610	224.6	134.9	215.0	221.5	2882	392	5	41	23	3344	169	482	15632	499	1117	504	21747		
1400 CORN	902	200.7	251.1	214.4	197.6	3484	909	0	284	0	4677	985	1636	13269	1399	2144	587	24697		
1500 GRAIN SORGHUM	318	65.0	65.0	67.4	68.1	670	116	0	13	9	807	148	441	4079	588	596	192	6850		
1600 RICE	127	41.5	28.9	23.4	47.8	420	35	0	19	0	473	62	101	3252	220	401	46	4554		
1700 WHEAT	657	151.8	155.6	154.7	126.5	2048	418	0	384	9	2859	729	643	9725	1071	1843	666	17536		
1800 OTHER SMALL GRAINS	420	81.3	80.3	93.1	77.8	1195	143	0	255	322	1915	226	254	5049	457	1014	341	9612		
1900 PASTURE	164	33.3	12.5	38.6	64.3	510	65	0	28	162	765	33	47	2661	378	122	83	4090		
2000 FORAGE CROPS	921	260.5	203.3	294.7	318.7	4110	1349	1	319	339	6118	988	952	18240	2119	1302	665	30304		
2100 COTTON	373	132.2	88.5	101.7	160.2	1411	651	0	183	236	2481	578	650	8868	723	1694	343	15337		
2200 COTTONSEED	20	3.6	1.0	3.0	1.7	38	17	0	0	0	54	0	27	175	4	96	3	360		
2300 SOYBEANS	889	242.0	264.7	227.8	251.9	3357	1085	0	1464	1369	7275	486	727	15120	1263	2462	1065	28398		
2400 PEANUTS	157	41.8	26.7	64.0	64.4	441	51	0	88	83	663	58	201	3142	192	251	391	4896		
2500 OTHER OILSEED CROPS	122	28.4	25.0	19.9	26.3	260	43	0	17	4	324	174	362	1909	102	284	191	3346		
2600 TOBACCO	165	63.2	45.0	97.9	82.9	827	23	0	157	36	1043	40	65	5510	237	166	322	7303		
2700 SUGAR CROPS	164	49.4	18.3	41.2	129.6	898	48	0	25	0	971	24	190	3369	342	461	72	5431		
2800 MISC NEW CROPS	140	28.6	16.2	24.9	47.7	355	200	0	30	0	584	71	327	1973	165	309	151	3581		
2900 POULTRY	770	261.8	209.8	370.6	302.5	4948	1735	0	536	1041	8260	371	1052	18376	1654	1185	794	31691		
3000 BEEF CATTLE	1395	441.8	399.3	678.7	746.2	7234	3251	0	1376	2738	14599	1621	3006	36440	16136	2647	914	75363		
3100 DAIRY CATTLE	1165	319.5	311.7	369.6	507.2	6418	2248	0	1322	1584	11571	758	1617	27124	6924	2694	982	51670		
3200 SWINE	634	177.7	167.2	218.2	284.6	3090	928	0	702	2119	6839	305	1476	13922	4806	1550	546	29445		
3300 SHEEP AND WOOL	360	77.9	59.7	90.7	85.7	1080	428	0	83	652	2243	211	659	6102	1186	322	352	11074		
3400 OTHER ANIMALS	421	102.7	103.4	106.0	96.9	1223	110	0	281	1543	3157	209	1777	5636	500	778	290	12346		
3500 BEES AND HONEY	47	19.3	17.6	8.3	8.2	222	10	0	0	0	232	94	78	935	38	205	30	1612		
3600 FARM SUPP & FACILITS	103	26.4	19.0	21.7	22.2	408	19	8	152	13	601	106	394	1693	357	167	129	3448		
3700 CLOTHING & TEXTILES	71	19.4	18.4	3.7	8.1	279	79	0	72	87	517	0	82	847	36	6	5	1494		
3800 FOOD	516	163.4	180.3	137.0	140.4	2383	1098	0	1023	764	5268	621	2710	8530	435	1217	678	19460		
3900 HOUSING & EQUIP	223	62.5	151.7	34.6	53.1	550	127	27	145	58	908	450	638	3486	121	154	333	6089		
4000 PEOPLE AS INDIVIDUAL	728	198.8	207.0	135.9	127.3	1923	763	23	1286	1721	5717	378	3217	8522	300	646	1092	19871		
4100 FAMILY MEMBERS	269	78.2	83.1	37.3	53.5	638	410	0	475	1067	2590	7	356	2690	281	186	626	6736		
4200 FARM AS BUSINESS	214	68.3	57.2	21.6	69.0	1225	198	0	59	260	1742	292	202	2866	116	57	81	5355		
4300 SOC POLIT ORGANIZ	426	118.4	128.1	40.6	91.8	1815	566	8	299	1319	4007	404	601	4513	204	374	729	10832		
4400 AGRIC ECONOMY U S	112	30.8	33.6	8.3	36.0	518	105	0	88	14	726	253	200	1633	59	145	46	3060		
4500 AGRIC ECONOMY FORGN	31	9.4	22.8	2.7	8.9	78	7	0	0	0	85	216	43	402	7	17	26	796		
4600 FARM COOPERATIVES	38	6.8	8.6	3.2	5.8	111	21	0	3	30	164	88	0	298	7	16	6	578		
4700 OTH MARKET PROCESS	41	7.4	8.6	4.9	7.6	125	44	0	3	0	173	68	7	356	13	16	37	671		
4800 MARKETING SYSTEMS	99	30.0	17.4	17.2	25.5	450	227	0	122	0	799	258	74	1260	61	54	67	2573		
6100 WEEDS	57	13.1	16.2	16.5	12.9	179	15	0	23	0	217	134	79	784	66	80	53	1413		
6200 SEED RESEARCH	36	10.0	8.9	15.9	12.4	89	17	0	0	0	105	10	147	647	399	20	27	1355		
6300 BIO CELL SYSTEMS	228	85.2	126.4	71.6	47.9	849	55	0	6	0	910	299	4579	4542	153	256	275	11013		
6400 EXP DESIGN/STAT METH	76	26.3	19.3	13.0	18.3	125	6	0	33	42	206	689	114	1914	95	23	37	3076		
6500 INVERTEBRATES	272	104.2	123.6	68.2	50.8	958	73	0	26	72	1129	195	2473	6298	154	346	345	10942		
6600 MICROORGANISMS, VIRUS	262	93.1	104.7	69.1	47.0	941	101	0	110	15	1167	260	4353	4718	110	708	343	11660		
6700 PLANTS	773	233.4	263.1	201.8	212.4	2522	809	9	2164	17	5521	660	3462	15746	1613	1852	1877	30731		
6800 ANIMALS (VERTEBRATES)	430	144.8	181.3	133.4	86.7	1096	290	0	323	240	1950	198	6001	8216	819	652	698	18533		
6900 RESEARCH ON RSCH HGH	34	12.6	10.0	2.6	5.0	70	44	0	0	0	114	91	117	928	4	72	269	1595		
7000 RSCH EQUIP & TECHNOL	108	30.3	22.4	13.5	13.4	134	37	31	7	0	210	150	573	1333	35	281	218	2800		
9900 UNCLASSIFIED	66	15.1	5.8	1.2	7.4	802	364	98	0	442	1706	400	640	1116	604	157	3	4626		
TOTAL	23902		6878.9		7255.9		26636		16747		162819		71581		55943		30485			
		7102.0		6854.4		87147		9702		22587		27453		456420		44832		853131		

NAT TOT SAES-FORESTRY SCR-OTHER INST

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS					HCIN SP				OTH TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -BR	TOTAL
		SYS	PROF	TECH	OTHER	HATH	BRP	STEN	GT									
SERIES 100																		
101 APPRAIS OF SOIL RES	227	77.6	85.1	74.7	49.4	724	195	57	0	41	1018	318	667	4331	233	903	1089	8558
102 SOIL FLWT WTR NUTRI	615	179.8	172.8	189.7	145.7	1979	488	326	128	474	3391	798	1899	1318	1204	1033	20933	
103 NGMT OF SALINE SCIL	61	16.3	19.0	13.1	14.6	125	25	0	10	0	159	70	141	1184	25	114	29	1682
104 ALTERN USE OF LAND	187	54.8	60.0	27.8	38.5	605	253	26	30	27	941	539	588	2287	70	315	649	5308
105 CONSERV USE OF WATE	280	69.9	81.1	52.8	60.5	647	160	56	12	67	943	656	1220	3768	318	515	300	7720
106 DRAIN AND IRRIGATIO	127	36.7	29.0	26.6	33.1	344	107	5	2	0	458	355	469	2467	215	109	109	4184
107 WATERSHED PROT & NG	179	54.6	61.4	52.8	46.8	329	127	324	98	22	901	530	1265	3056	97	201	396	6447
108 ECON LEG PROT OF WA	40	15.7	28.1	6.5	9.3	156	12	0	4	0	172	59	230	767	3	21	223	1475
109 WEATHER ADAPT & MOD	143	38.5	37.6	25.2	36.5	319	339	42	28	10	738	124	1009	2167	149	68	71	4327
110 APPRAIS FORST & SAN	151	32.7	32.9	20.9	15.7	130	16	411	0	22	578	465	509	1578	56	126	134	3446
111 BIOL CULT NGMT PCRS	463	141.3	147.1	107.7	106.1	154	512502	35	71	2814	1280	904	6899	1024	771	725	14416	
112 IMPROV RANGE REFOR	181	52.2	47.8	47.8	49.7	480	82	88	48	0	697	323	606	3174	561	233	106	5699
113 REMOTE SENSING	54	14.1	16.5	12.3	8.6	67	9	101	0	50	227	274	365	730	31	79	188	1895
114 RSCH ON NGMT OF ESC	32	12.4	7.5	2.1	4.2	70	44	0	0	0	114	81	91	890	0	29	200	1405
SUBTOTAL	2740	796.7	825.8	660.1	614.7	6128	19043938	392	788	13150	5871	9524	44909	4101	4687	5253	8794	
SERIES 200																		
201 CNTRL FORST INSECTS	213	56.5	71.0	44.9	30.7	174	164	613	92	4	1047	1316	978	2697	47	179	308	6572
202 CONTROL FOREST DIS	156	42.5	45.1	28.0	22.0	189	123	592	1	0	904	244	64	2130	103	68	155	3669
203 FOREST FIRE PROTECT	11	2.1	0.6	1.4	0.7	4	0	5	0	0	9	134	3	95	1	3	8	252
204 CNTR PESTS FRT & VEG	424	134.1	121.3	130.7	120.6	1492	392	0	217	31	2132	564	736	9445	429	877	512	14695
205 CNTR DISE FRT & VEG	699	212.2	177.1	206.6	255.5	2664	625	0	271	118	3678	557	388	16022	605	1295	682	23228
206 CNTR WEEDS FRT & VEG	179	45.2	32.0	46.6	43.1	603	127	0	100	10	841	112	123	3267	214	373	157	5087
207 CNTR PESTS FLD CROP	552	174.8	173.1	202.5	172.3	2715	775	0	533	132	4156	800	1155	11003	529	1535	782	19959
208 CNTR DIS FLD CROP	712	226.1	255.4	221.4	211.9	3493	773	0	701	236	5203	524	642	13778	626	1830	1008	23610
209 CNTR WEEDS FLD CROP	332	96.3	101.7	91.9	118.8	1475	248	0	112	138	1973	302	302	6943	736	1404	546	12207
210 CNTR PESTS ANIMALS	138	35.4	26.1	27.9	24.4	535	57	0	133	207	932	180	185	1831	213	200	82	3623
211 CNTR DIS ANIMALS	816	302.6	257.0	369.3	196.2	2772	1379	0	1528	4137	9816	1668	4501	18404	1886	1333	921	36529
212 CNTR INTER PARASITE	118	36.7	17.9	43.7	37.7	452	202	0	292	280	1226	10	96	2442	172	423	47	4415
213 PROT ANHLS FROM TOX	126	30.4	25.6	35.4	22.5	249	118	0	109	292	769	76	271	2046	144	220	83	3610
214 PROTECT FROM POLLUT	249	48.6	55.3	47.1	39.3	508	177	81	400	51	1218	339	1039	3206	70	1139	342	7354
SUBTOTAL	4725	1443.5	1359.2	1497.5	1295.7	717325	51601291	4491	5638	33905	682510482	93308	577610881	5633	166811			
SERIES 300																		
301 GENET BREED FORST T	130	43.3	45.5	57.8	38.4	110	165	981	0	0	1256	387	108	2538	43	626	292	5249
302 IMP FOREST ENG SYS	37	17.1	12.0	10.0	6.9	49	1	260	0	0	309	168	221	694	20	154	33	1601
303 ECON TIMBER PRODUCT	53	20.5	17.6	10.4	10.2	6	0	269	0	0	275	312	407	884	26	141	127	2172
304 IMP BIO EFF FRT & VEG	1028	339.4	236.9	373.8	461.8	3939	870	0	341	1299	6449	346	943	27581	1819	1751	624	39514
305 RECH PROD FRT & VEG	141	34.7	17.6	37.7	29.1	606	130	0	4	20	760	113	51	2698	101	118	124	3965
306 PROD NGMT SYS F & V	97	22.2	9.7	22.6	23.0	208	35	0	27	34	304	37	86	1549	95	120	19	2210
307 IMP BIO EFF PLD CRP	1597	642.4	507.4	739.9	884.3	8084	1910	0	1382	1299	12676	2007	3775	47703	5885	6104	2807	80957
308 RECH PROD FLD CRO	110	33.2	28.3	33.3	35.1	515	76	0	28	0	618	65	109	2407	268	352	147	3967
309 PROD NGMT SYS FLD C	270	68.0	51.8	61.2	71.2	1073	235	0	102	56	1466	154	162	5154	761	565	236	8498
310 ANIMAL REPRODUCTION	501	179.4	202.1	240.4	309.0	3306	1449	0	211	1105	6071	196	3328	14346	3530	876	381	28727
311 IMP BIO EFF ANML PR	1287	473.5	446.3	834.1	982.4	9775	2834	0	1304	2194	16107	746	2068	4689520176	4605	1642	92238	
312 ENV STRESS IN ANML	194	50.8	41.0	51.2	86.1	862	400	0	67	64	1394	155	265	4560	1161	259	143	7937
313 PROD NGMT SYS ANML	296	71.4	57.6	63.1	143.1	1250	396	0	131	383	2160	99	69	6067	2179	278	271	11123
314 BEES OTH POLLMTNG I	47	19.3	17.6	8.3	8.2	222	10	0	0	0	232	94	78	935	38	205	30	1612
315 IMP STROC FARM SUPP	132	39.0	28.7	37.1	35.5	585	6	8	133	13	745	399	378	2509	373	209	240	4853
316 FARM BUSINESS NGMT	153	53.0	43.8	17.0	57.5	981	124	0	41	200	1345	265	124	2227	98	35	50	4145
317 RECH/STRUCTS ANML P	80	19.8	13.2	15.3	16.9	313	40	0	10	0	363	98	76	1165	109	74	107	1993
318 NON-COM BIO TECH/BI	1069	448.4	512.2	338.9	257.3	4262	311	2	327	98	5000	99015981	24929	1255	2184	1332	51671	
SUBTOTAL	7222	2275.5	2289.2	2952.1	3456.6	36146	89931520	4108	6765	57531	66332823019484	23793718655	8605	352433				
SERIES 400																		
401 NEW IMP FOREST PROD	181	102.1	93.7	69.8	71.2	166	81175	2	0	0	1352	538	614	5342	130	2037	217	10231
402 PROD F & V IMP ACCE	269	60.4	45.4	54.9	66.3	679	160	0	96	71	1006	37	105	4962	210	323	144	6788
403 NEW & IMP F&V PRCD	189	60.7	48.6	45.5	60.6	889	145	0	50	0	1084	46	243	3778	152	300	79	5683
404 HKT QUAL FRTS & VEG	179	51.4	54.8	53.2	32.9	840	447	0	45	0	1333	29	120	3482	155	442	107	6028
405 PROD FLD CROP IMP A	266	70.5	73.1	80.0	78.5	1024	340	0	184	109	1657	248	325	4570	655	647	246	8346
406 NEW IMP FOOD FLD CR	141	37.1	50.8	41.6	33.4	645	119	0	117	171	1052	217	243	2460	255	166	198	4590
407 NEW IMP NON-FOOD FC	68	18.3	19.9	10.0	25.7	282	20	0	10	0	311	28	171	992	138	152	23	1816
408 HKT QUAL FLD CROP	102	20.2	17.6	14.2	12.6	341	91	0	34	0	466	187	68	1271	61	125	79	2257
409 PROD ANML PR IMP AC	164	48.6	50.2	55.5	68.1	1129	363	0	228	669	2389	54	299	2831	927	149	93	6743
410 IMP MEAT MILK EGG P	265	82.3	98.6	77.8	70.4	1718	292	0	6	29	2044	96	450	5768	806	504	298	9966
411 IMP NON-FOOD ANML P	14	5.1	2.2	3.0	2.6	27	20	18	2	69	137	137	10	279	15	5	7	590
412 HKT QUAL ANIMAL PRO	219	27.7	24.1	28.3	23.3	577	90	2	67	112	847	5	15	1681	86	274	39	2947
SUBTOTAL	1967	584.3	579.1	533.7	545.7	8317	20951195	841	1231	13679	1622	2663	37777	3591	5124	1529	65985	
SERIES 500																		
501 IMP GRADES & STANDS	63	18.5	15.6	15.2	26.4	292	80	0	7	0	380							

NAT TOT SALS-FORESTRY SCH-OTHER INST

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	PROBLEM AREA										USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH	OTHER	HATH	BRF	MCIN STEN	SP GT	OTH CR	TOY CR							
SERIES 800																		
801 RURAL HOUSING	60	21.3	113.1	6.0	12.2	114	84	0	126	57	381	7	247	592	21	22	7	1277
802 INDIV & FAM DEC MAK	195	55.3	55.9	24.9	36.1	418	265	12	206	675	1576	12	168	1983	248	198	546	4732
803 RURAL POVERTY	47	12.4	14.4	11.3	17.1	97	30	0	113	842	1081	5	1	226	8	0	0	1320
804 ECON POTENT RURAL PE	106	32.9	24.9	12.3	17.7	292	139	0	152	352	935	21	169	903	32	15	191	2266
805 COMMUNICAT RURAL PE	144	40.8	35.3	12.6	27.3	304	45	11	131	609	1099	41	204	2511	39	96	592	4582
806 ADJUSTMENT TO CHANG	177	51.0	43.6	16.4	29.2	600	348	0	229	124	1301	36	131	1732	68	44	174	3487
807 AGRIC ECONOMIC CHAN	143	39.1	38.3	11.4	42.2	638	185	0	106	76	1005	144	110	1993	86	167	113	3618
808 GOV'T PROGRAMS	44	8.2	10.0	2.6	9.0	131	35	0	0	0	166	54	42	458	2	24	13	760
SUBTOTAL	916	260.9	335.4	97.4	190.7	2593	1130	23	1062	2735	7544	321	1073	10397	504	567	1636	22042
SERIES 900																		
901 ALLEY POLLUTION	624	197.7	251.7	179.7	140.3	2038	1126	118	701	918	4901	489	3933	11504	530	2012	1347	24716
902 OUTDOOR RECREATION	159	50.0	46.6	20.9	28.7	239	182	374	73	2	870	422	689	1897	58	82	274	4292
903 MULTI-USE-FOREST PO	91	20.5	22.8	10.8	9.3	26	6	400	0	0	433	216	50	853	27	51	272	1901
904 WLDLFE AND FISH ECO	601	160.2	221.1	187.9	144.1	1019	261	445	192	607	2524	775	4173	9256	600	1946	2589	21862
905 TREES BEAUTIFICATION	111	30.2	26.1	17.5	17.9	195	106	130	17	0	449	220	438	1551	40	100	110	2909
906 ORNAMENT & TURF DEV	589	219.0	126.9	209.6	217.3	2855	388	1	24	23	3290	162	196	15286	498	1075	487	20995
907 RURAL INCOME IMP	158	33.1	37.2	9.6	27.8	618	177	0	173	164	1132	146	81	1297	59	68	58	2842
908 RURAL INSTITUT IMP	237	64.4	72.0	24.5	49.6	1005	308	8	154	610	2084	153	394	2646	133	228	494	6133
990 UNCLASSIFIED	66	15.1	5.8	1.2	7.4	802	364	98	0	442	1706	400	640	1116	604	157	3	4626
SUBTOTAL	2636	790.3	810.1	661.7	642.4	8797	2918	1575	1334	2765	17389	2984	10594	45407	2548	5717	5636	90276
SCIENCE IN SERV OF MAN	22462		6878.9		7255.9		26636		16747		162819		71581		55943		30485	
GRAND TOTAL		7102.0		6854.4		87148		9702		22587		27453		456420		48432		853133

SARS REGION 1 NORTHEAST REGION (INCLUDES SARS-FORESTRY SCH-OTHER INST)

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS										TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TR	OTH -ER	TOTAL
			PROF	TECH	OTHER	HATH	RFP	HCIN STEM	SP GT	OTH CR										
0100 SOIL AND LAND	176	45.0	50.7	47.2	20.8	707	370	65	4	18	1163	181	384	2014	165	244	514	4665		
0200 WATER	89	22.8	42.6	17.8	13.4	405	24	38	0	0	467	9	254	1141	66	115	486	2538		
0300 WATERSHEDS RIVER BAS	28	4.6	6.8	2.6	2.8	26	0	64	0	0	90	17	7	439	2	26	21	603		
0400 AIR AND CLIMATE	27	5.2	2.9	2.4	2.7	14	25	6	0	34	79	32	41	229	25	0	13	418		
0500 RECREATION RESOURCES	37	11.6	10.2	1.5	2.9	69	94	127	0	0	289	11	107	344	17	3	68	839		
0600 TIMBER FORST PRODUCT	271	99.3	100.6	68.9	31.1	405	2881	419	3	20	2134	1279	278	3806	123	837	468	8924		
0700 RANGE	3	0.7	0.3	1.4	1.6	36	33	0	0	0	69	0	0	64	21	0	0	155		
0800 WILDLIFE AND FISH	145	35.1	44.5	46.3	13.8	300	44	163	39	95	641	42	906	1522	109	175	889	4283		
0900 CITRUS SUB TROP FBUT	5	0.9	0.9	0.5	0.1	21	6	0	0	0	26	0	6	59	0	2	0	94		
1000 FRUIT NUTS DECIDUOUS	255	90.9	72.2	104.8	51.2	1482	488	0	104	0	2073	125	274	5003	380	446	380	8681		
1100 POTATOES	83	23.6	22.6	32.8	26.5	401	220	0	65	0	687	226	9	1248	173	94	305	2742		
1200 VEGETABLES	234	71.7	57.9	71.2	36.5	1194	559	0	182	0	1934	123	227	4006	200	327	154	6972		
1300 ORNAMENTALS TURF	117	38.1	28.2	42.3	27.0	679	172	0	0	0	850	14	74	2393	107	296	51	3784		
1400 CORN	98	22.8	20.7	22.4	15.8	536	68	0	9	0	613	4	98	1177	60	112	77	2141		
1500 GRAIN SORGHUM	1	0.1	0.1	0.0	0.0	3	0	0	0	0	3	0	0	1	0	1	0	4		
1600 RICE	5	1.1	1.0	1.2	0.0	7	0	0	8	0	15	0	0	32	4	7	10	68		
1700 WHEAT	26	5.8	3.8	6.6	1.3	118	6	0	40	0	164	19	35	205	15	30	14	483		
1800 OTHER SMALL GRAINS	21	3.0	3.6	4.1	3.9	63	2	0	0	0	65	15	1	169	7	11	9	277		
1900 PASTURE	5	0.8	0.2	1.6	0.8	18	16	0	0	0	35	1	0	51	5	25	0	117		
2000 FORAGE CROPS	112	30.2	10.3	43.3	24.6	500	242	0	103	75	920	95	85	1539	88	111	97	2935		
2100 COTTON	2	0.3	0.1	0.0	0.0	5	3	0	0	0	8	0	0	6	0	0	0	13		
2200 COTTONSEED	2	0.1	0.2	0.1	0.1	1	0	0	0	0	1	0	0	6	0	0	0	8		
2300 SOYBEANS	53	16.3	16.0	11.9	7.1	247	67	0	127	259	701	0	17	606	41	117	29	1510		
2400 PEANUTS	2	0.0	0.4	0.0	0.1	0	0	0	0	0	0	0	0	5	0	1	0	7		
2500 OTHER OILSEED CROPS	2	0.2	0.4	0.2	0.1	5	0	0	0	0	5	0	0	9	0	4	0	17		
2600 TOBACCO	23	11.6	2.3	11.9	5.9	134	8	0	0	0	142	0	0	514	40	5	0	701		
2700 SUGAR CROPS	2	0.6	0.3	1.7	0.6	2	0	0	0	0	2	0	53	7	7	0	0	70		
2800 MISC NEW CROPS	8	1.7	0.3	0.3	0.6	23	25	0	0	0	48	0	0	101	7	0	0	156		
2900 POULTRY	154	64.6	41.6	83.0	60.2	1171	583	0	86	85	1925	104	524	3534	454	151	155	6848		
3000 BEEF CATTLE	86	16.3	12.6	33.0	19.4	536	90	0	67	124	817	17	57	1173	226	84	70	2443		
3100 DAIRY CATTLE	213	67.1	62.2	99.0	62.3	1221	537	0	135	209	2102	101	364	3920	932	431	315	8165		
3200 SWINE	39	7.5	3.7	16.2	5.0	112	13	0	30	92	247	0	90	566	117	30	31	1081		
3300 SHEEP AND WOOL	39	8.2	6.5	7.1	5.0	155	50	0	0	23	228	49	168	484	87	20	92	1128		
3400 OTHER ANIMALS	85	17.5	16.3	29.3	8.3	294	28	0	16	41	379	8	441	974	75	89	184	2152		
3500 BEES AND HONEY	9	3.2	2.2	0.0	0.5	49	0	0	0	0	49	0	44	76	21	1	0	191		
3600 FARM SUPP & FACILITS	16	3.2	3.8	4.4	3.7	74	3	0	16	0	93	7	104	239	10	3	14	470		
3700 CLOTHING & TEXTILES	7	1.0	2.8	0.5	1.2	22	17	0	0	0	39	0	58	90	36	0	0	223		
3800 FOOD	97	28.7	40.8	22.2	14.6	576	313	0	54	0	944	135	387	1552	145	217	68	3447		
3900 HOUSING & EQUIP	43	12.5	14.2	12.8	8.6	169	10	4	0	0	183	98	332	759	37	60	148	1618		
4000 PEOPLE AS INDIVIDUAL	147	50.9	34.1	32.2	19.0	526	208	10	17	92	853	99	838	1734	122	187	671	4505		
4100 FAMILY MEMBERS	27	18.2	20.5	15.4	12.5	103	37	0	29	201	370	0	241	396	224	128	512	1870		
4200 FARM AS BUSINESS	19	6.9	5.6	0.9	6.6	179	0	0	0	0	179	20	19	277	8	6	3	512		
4300 SOC POLIT ORGANIZ	90	26.8	20.9	13.2	16.6	479	219	2	64	186	951	140	58	830	66	105	315	2465		
4400 AGRIC ECONOMY U S	9	1.5	0.9	0.0	1.2	39	4	0	0	0	43	0	0	82	4	3	0	132		
4500 AGRIC ECONOMY FORGN	5	4.2	2.9	0.5	2.6	0	0	0	0	0	0	19	0	97	1	1	20	139		
4600 FARM COOPERATIVES	2	0.2	0.0	0.0	0.1	3	0	0	0	0	3	0	0	13	0	0	0	17		
4700 OTH MARKET PROCES	5	1.1	1.2	0.6	0.4	18	0	0	0	0	18	0	5	37	6	0	0	66		
4800 MARKETING SYSTEMS	10	7.1	1.0	5.9	2.5	172	4	0	0	0	176	29	61	263	8	4	4	546		
6100 WEEDS	2	0.4	0.5	0.3	0.8	20	0	0	0	0	20	0	0	19	4	1	0	44		
6200 SEED RESEARCH	10	2.6	2.0	4.0	2.1	8	17	0	0	0	24	0	0	212	0	3	6	245		
6300 BIO CELL SYSTEMS	47	18.1	21.5	17.1	4.1	197	0	0	3	0	200	88	806	586	65	15	45	1804		
6400 EXP DESIGN/STAT METH	11	3.7	1.9	0.0	2.3	36	0	0	0	0	36	0	38	163	33	17	5	291		
6500 INVERTEBRATES	43	16.1	15.7	9.2	3.1	218	33	0	6	0	256	18	280	726	72	14	86	1452		
6600 MICROORGANISMS, VIRUS	57	19.6	19.0	20.3	9.1	257	0	0	74	0	331	67	540	711	74	22	52	1797		
6700 PLANTS	112	35.8	20.8	31.3	11.1	468	289	0	517	5	1279	83	373	1292	128	308	69	3532		
6800 ANIMALS (VERTEBRATES)	59	19.5	20.2	18.4	3.8	124	7	0	115	4	250	0	803	667	162	16	23	1922		
6900 RESEARCH ON RSCH EGM	3	0.2	2.9	0.5	0.7	4	0	0	0	0	4	22	82	172	4	53	162	498		
7000 RSCH EQUIP & TECHNOL	29	11.5	7.9	2.3	2.5	54	8	14	3	0	79	0	240	335	13	4	61	732		
9900 UNCLASSIFIED	12	1.2	0.0	0.0	0.0	287	56	16	0	96	455	18	100	118	0	66	0	757		
TOTAL	3319	1019.2	906.0	1024.3	581.0	14971	5283	1918	1659	25758	3318	9909	48794	4794	5027	6697	104298			

SARS REGION 1 NORTHEAST REGION (INCLUDES SARS-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS				HATH	REF	NCIN STEM	SP GT	OTH TOT	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL	
		SYS	PROF	TECH	OTHER													
SERIES 100																		
101 APPRAIS OF SOIL RES	28	8.4	7.6	10.6	2.8	136	7	2	0	0	144	24	51	366	36	6	75	701
102 SOIL PLMT WTR NUTRI	59	15.0	22.8	23.5	8.4	295	149	62	10	18	533	85	37	891	60	141	15	1762
104 ALTERN USE OF LAND	35	9.7	12.0	2.2	4.4	131	122	1	0	0	253	83	11	279	14	11	371	1022
105 CONSERV USE OF WATE	16	4.0	3.8	2.4	1.0	68	0	31	0	0	100	0	11	165	14	27	3	318
106 DRAIN AND IRRIGATIO	6	1.1	0.7	0.3	1.2	12	4	5	0	0	21	0	0	66	5	19	0	111
107 WATERSHED PROT & MG	25	6.6	6.3	7.1	3.4	18	0	71	0	0	89	22	11	503	8	24	40	698
108 ECON LEG PROB OF WA	4	1.1	9.3	0.5	1.2	5	0	0	0	0	5	1	0	74	3	0	207	291
109 WEATHER ADAPT & MOD	20	4.2	2.5	1.7	2.5	22	24	6	0	0	52	32	26	207	20	0	0	336
110 APPRAIS FORST & RAM	20	3.5	5.4	3.0	1.3	32	0	60	0	0	92	91	5	195	8	0	32	422
111 BIOL CULT NGMT FORS	78	21.1	21.4	12.1	10.5	34	0	469	0	4	508	331	23	752	44	118	55	1831
112 IMPROV RANGE RESOR	2	0.5	0.3	1.4	1.5	36	33	0	0	0	69	0	0	55	21	0	0	145
113 REMOTE SENSING	13	2.4	2.4	0.4	1.0	30	7	28	0	0	65	0	5	104	7	4	0	186
114 RSCH OR NGMT OF ESC	2	0.2	0.4	0.0	0.0	4	0	0	0	0	4	12	62	143	0	9	93	323
SUBTOTAL	308	77.9	94.7	65.1	39.3	822	345	735	10	22	1935	680	240	3800	240	359	892	8146
SERIES 200																		
201 CNTRL FORST INSECTS	38	13.1	19.7	11.0	3.1	20	50	240	0	0	310	498	77	574	0	109	131	1698
202 CONTROL FOREST DIS	29	11.6	10.2	6.8	1.9	89	59	131	0	0	279	58	11	493	40	9	41	932
204 CNTR PESTS FRT & VE	95	35.5	35.6	34.1	16.5	487	90	0	123	0	701	156	320	1705	106	191	179	3358
205 CNTR DISE FRT & VEG	119	40.6	27.2	48.4	29.7	687	237	0	71	0	995	143	13	2041	172	259	237	3858
206 CNTR WEEDS FRT & VE	36	7.9	6.2	9.3	6.0	235	41	0	6	0	281	1	9	509	68	50	16	935
207 CNTR PESTS FLD CBOP	41	13.1	8.6	10.2	4.9	267	32	0	46	60	404	44	51	472	37	24	64	1095
208 CNTR DIS FIELD CBOP	47	13.4	6.6	19.5	9.0	297	88	0	41	0	426	9	68	610	43	58	39	1253
209 CNTR PESTS FLD CBOP	21	4.5	5.9	7.1	3.7	143	33	0	0	0	176	4	0	353	20	34	21	608
210 CNTR PESTS ANIMALS	17	4.3	3.5	0.6	2.3	57	14	0	10	10	81	12	25	200	2	5	2	327
211 CNTR DIS ANIMALS	113	44.5	34.3	68.4	24.0	376	449	0	212	422	1459	91	410	2264	260	159	288	4930
212 CNTR INTER PARASITE	10	2.6	1.3	4.6	1.1	64	0	0	13	0	77	0	48	100	48	3	0	277
213 PROT ANMLS FROM TOX	10	3.3	1.9	1.5	2.8	15	1	0	11	14	41	0	1	124	11	9	25	211
214 PROTECT FROM POLIUT	50	10.7	10.9	10.4	5.4	172	84	40	243	0	538	75	175	585	25	63	72	1532
SUBTOTAL	626	204.9	171.9	231.8	110.5	2907	1178	411	766	506	5768	1090	1208	10030	832	972	1114	21013
SERIES 300																		
301 GENET BREED FORST T	11	3.7	2.9	7.2	2.1	33	64	77	0	0	173	3	0	201	2	16	4	399
302 IMP FOREST ENG SYS	7	2.4	1.1	0.9	0.2	42	1	34	0	0	77	4	0	50	0	11	0	142
303 ECON TIMBER PRODUCT	7	2.3	1.5	0.1	0.1	0	0	33	0	0	33	10	0	50	1	28	3	123
304 IMP BIO EFF FRT & V	170	48.3	39.5	70.4	38.3	967	195	0	15	0	1177	91	75	3298	226	165	210	5241
305 MECH PROD FRT & V	18	6.1	5.7	8.5	3.3	205	95	0	0	0	300	1	47	375	8	17	17	766
306 PROD NGMT SYS F & V	14	4.1	1.8	3.1	2.0	62	7	0	0	0	69	28	1	136	30	5	7	275
307 IMP BIO EFF FLD CRP	112	43.6	21.8	41.8	24.9	760	190	0	111	48	1110	49	99	2006	121	224	27	3636
308 MECH PROD FIELD CRO	5	1.1	0.8	1.2	1.4	14	0	0	0	0	14	0	30	54	3	9	9	120
309 PROD NGMT SYS FLC C	20	7.2	3.0	12.1	4.9	119	62	0	18	0	198	0	36	372	6	31	15	659
310 ANIMAL REPRODUCTION	62	18.7	15.8	41.1	15.7	455	205	0	0	14	674	0	286	1306	256	158	48	2728
311 IMP BIO EFF ANML PR	162	54.4	46.6	95.0	66.1	1289	233	0	10	78	1610	88	671	3823	824	248	123	7387
312 ENV STRESS IN ANML	29	8.5	5.8	10.5	11.6	252	81	0	0	0	332	0	23	488	189	28	13	1073
313 PROD NGMT SYS ANML	30	10.5	3.2	11.9	9.4	177	54	0	27	18	276	44	6	680	188	20	195	1409
314 BEES OTH POLLMTNG I	9	3.2	2.2	0.0	0.5	49	0	0	0	0	49	0	44	76	21	1	0	191
315 IMP STRUC FARM SUPP	30	8.0	10.3	13.1	8.0	188	0	0	0	0	188	105	248	558	28	48	49	1225
316 FARM BUSINESS NGMT	14	6.6	4.2	0.8	6.2	160	0	0	0	0	160	20	12	251	6	6	3	458
317 MECH/STRUCTS ANML P	9	4.2	2.9	2.1	1.4	70	13	0	0	0	83	15	26	157	9	54	14	358
318 NON-COM BIO TECH/BI	218	90.5	76.3	74.0	27.4	1019	20	0	156	0	1194	199	2577	3298	412	287	266	8233
SUBTOTAL	927	323.3	245.5	394.1	223.5	5860	1218	144	336	158	7717	657	4181	17179	2329	1354	1004	34422
SERIES 400																		
401 NEW IMP FOREST PROD	38	22.7	15.6	17.3	6.1	65	0	181	2	0	248	46	125	830	13	475	28	1765
402 PROD F & V IMP ACCR	36	9.0	3.7	8.9	5.0	76	49	0	0	0	125	8	0	544	38	23	45	783
403 NEW & IMP FV PRCD	30	10.8	13.8	4.1	2.6	89	45	0	20	0	154	0	6	524	2	52	10	748
404 MKT QUAL FRTS & VEG	47	15.7	14.1	16.0	7.5	235	356	0	31	0	622	12	7	990	83	68	40	1821
405 PROD FLD CROP INF A	19	4.1	1.1	4.4	6.5	36	30	0	44	109	220	0	0	187	5	14	26	450
406 NEW IMP FOOD FLD CR	11	3.3	4.7	3.1	2.1	34	10	0	9	0	53	0	34	178	22	19	3	308
407 NEW IMP NON-FOOD FC	4	0.8	1.0	2.4	1.8	4	2	0	0	0	6	0	9	87	4	0	0	106
408 MKT QUAL FIELD CROP	6	2.0	1.8	1.9	0.5	35	0	0	0	0	35	29	0	45	0	3	2	115
409 PROD ANML PR IMP AC	16	4.5	3.9	9.2	6.4	199	5	0	0	0	203	13	36	281	78	6	32	650
410 IMP MEAT MILK EGG P	45	13.8	22.8	13.0	9.1	316	17	0	0	0	333	16	180	984	62	102	55	1731
411 IMP NON-FOOD ANML P	1	0.1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	4	0	0	0	4
412 MKT QUAL ANIMAL PRO	12	3.8	3.7	4.7	1.9	86	0	0	0	0	86	0	0	227	0	129	8	450
SUBTOTAL	265	90.5	86.1	85.0	49.4	1174	514	181	106	109	2084	124	397	4881	307	891	248	8933
SERIES 500																		
501 IMP GRADES & STANDS	6	1.0	0.9	1.7	0.7	2	16	0	0	0	17	0	0	83	1	2	0	103
502 MKTG TIMBER PRODUCT	5	0.9	1.1	0.3	0.3	12	0	8	0	9	29	0	0	23	0	26	0	78
503 MKTG EFF AGRIC PRDCS	25	9.3	5.6	2.8	4.6	126	96	0	0	0	222	34	7	214	15	1	55	548
506 SPLY DEMAND AND FRI	20	7.7	4.4	0.4	4.1	97	107	0	0	0	204	14	28	233	1	3	1	484
507 COMP REL IN AGRIC	9	4.2	2.3	1.4	1.0	65	40	0	0	0	106	11	0	86	0	0	4	207
508 DOMESTIC MKT DEVELP	9	3.6	2.2	0.2	2.4	19	23	0	0	0	43	0	22	100	8	1	20	194
509 PERFORMANCE MKTG SY	16	8.5	1.4	7.1	3.1	170	37	0	30	0	237	17	61	304	3	5	0	628
510 GROUP ACT MKT POWER	2	0.2	0.0	0.0	0.1	3	0	0	0	0	3	0	2	17	0	0	0	23
511 IMP AGRIC STATISTIC	4	1.3	1.4	0.0	0.5	11	0	0	0	0	11	0						

SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORRESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			BATH	BRP	STEM	GT	CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
SERIES 800																		
801 RURAL HOUSING	6	2.2	3.6	1.1	2.4	21	1	0	0	0	22	0	184	68	4	0	0	279
802 INDIV & FAM DEC MAK	22	15.7	13.9	12.0	11.4	54	21	0	18	115	209	0	90	368	195	113	503	1478
803 RURAL POVERTY	3	0.2	0.0	0.2	0.1	0	0	0	6	86	92	0	0	0	0	0	0	92
804 ECON POTENT RURL PE	16	9.6	4.8	2.9	3.2	55	32	0	3	92	181	12	103	112	8	11	167	593
805 COMMUNICAT RURAL PE	45	10.6	4.2	3.2	7.4	99	0	10	11	43	164	31	195	508	14	31	356	1298
806 ADJUSTMENT TO CHANG	21	11.0	8.3	3.3	3.4	110	73	0	13	43	240	0	19	182	22	1	107	570
807 AGRIC ECONOMIC CHAN	11	0.8	2.1	0.1	0.9	32	4	0	0	0	36	0	7	79	2	0	0	124
808 GOV'T PROGRAMS	2	0.5	0.4	0.0	0.3	15	0	0	0	0	15	0	0	10	0	0	6	31
SUBTOTAL	126	50.5	37.2	22.8	29.0	386	131	10	51	379	958	42	597	1328	246	156	1138	4466
SERIES 900																		
901 ALLEV POLLUTION	142	41.3	55.6	32.7	21.1	560	159	16	77	60	872	10	721	2034	156	281	456	4530
902 OUTDOOR RECREATION	36	11.5	7.4	1.6	2.8	55	94	118	0	0	267	13	107	311	17	3	68	786
903 MULTI-USE-FOREST PO	15	4.3	10.0	2.9	1.0	7	0	112	0	0	119	23	41	150	1	0	164	498
904 WLDLPE AND FISH ECO	124	27.6	38.0	43.9	12.2	252	31	142	39	95	558	35	569	1271	92	146	789	3460
905 TREES BEAUTIFICATIO	22	6.9	9.2	2.6	1.7	29	100	15	0	0	144	137	6	216	4	5	5	517
906 ORNAMENT & TURF DEV	114	37.7	27.5	41.8	26.8	673	172	0	0	0	845	14	74	2353	107	294	51	3738
907 RURAL INCOME IMP	29	8.6	6.7	3.5	3.1	194	118	0	27	18	358	5	51	217	12	6	5	655
908 RURAL INSTITUT IMP	52	12.7	11.5	7.9	8.3	250	72	2	27	81	432	28	6	522	53	99	197	1337
990 UNCLASSIFIED	12	1.2	0.0	0.0	0.0	287	56	16	0	96	455	18	100	118	0	66	0	757
SUBTOTAL	546	151.8	165.9	136.9	76.8	2307	801	421	170	351	4049	284	1675	7192	442	902	1734	16278
SCIENCE IN SERV OF MAN	3141		906.0		581.0		5283		1918		25758		9909		4794		6697	
GRAND TOTAL		1019.2		1024.3		14971		1928		1658		3318		48794		5027		104298

SARS REGION 2 SOUTHERN REGION (INCLUDES SARS-FORRESTRY SCH-OTHER INST)

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF		STAFF										TOT CB	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -RR	TOTAL
	PROJ	SYS	SUPPORT	YEARS	TECH	OTHER	DATA	MCIN	SP	OTH	OT	CB								
0100 SOIL AND LAND	336	104.4	80.9	141.0	112.6	984	187	117	253	766	2308	194	600	6359	346	394	1178	11379		
0200 WATER	201	56.5	48.1	53.3	59.5	514	175	52	220	379	1339	209	371	2897	132	314	315	5577		
0300 WATERSHEDS RIVER BAS	47	12.6	11.8	16.7	15.6	70	116	38	12	69	305	30	222	657	6	25	24	1270		
0400 AIR AND CLIMATE	19	3.8	1.1	2.3	5.1	59	9	2	0	0	69	2	8	201	12	2	10	303		
0500 RECREATION RESOURCES	32	12.0	17.5	9.2	9.0	45	0	112	73	0	230	281	75	387	14	8	138	1093		
0600 TIMBER FORST PRODUCT	435	157.3	132.0	184.1	141.8	259	205	2894	136	100	3595	1370	1097	8418	486	1374	440	16779		
0700 RANGE	61	18.4	10.5	19.0	29.0	205	10	14	50	28	306	122	7	1146	217	166	2	1967		
0800 WILDLIFE AND FISH	243	75.8	70.8	96.6	88.4	470	215	248	157	477	1568	371	1391	4334	391	1060	1091	10208		
0900 CITRUS SUB TROP FRUIT	137	72.2	14.0	90.2	125.2	543	62	0	12	0	617	265	230	5245	203	247	89	6897		
1000 FRUIT NUTS DECIDUOUS	338	106.7	48.4	137.4	157.1	1401	278	0	156	277	2112	26	230	8653	564	235	172	11993		
1100 POTATOES	37	6.8	3.8	8.0	7.0	79	1	0	0	0	80	1	0	540	21	14	1	658		
1200 VEGETABLES	518	190.5	102.6	216.3	354.7	2333	281	0	381	1603	4597	185	164	13416	699	524	399	19985		
1300 ORNAMENTALS TURF	227	98.6	36.2	112.6	124.4	1282	194	0	37	23	1535	49	263	6426	222	325	179	8998		
1400 CORN	276	57.1	40.9	66.2	65.2	846	295	0	82	0	1223	132	335	4076	270	155	133	6324		
1500 GRAIN SORGHUM	153	34.6	17.0	32.4	46.0	379	47	0	13	9	448	17	9	2275	212	119	74	3154		
1600 RICE	93	30.0	13.9	14.2	35.0	385	32	0	5	0	422	5	58	2286	213	340	23	3346		
1700 WHEAT	146	29.2	20.7	31.6	29.0	490	31	0	49	9	579	14	18	1720	175	197	96	2799		
1800 OTHER SMALL GRAINS	102	19.2	9.5	26.1	19.5	308	13	0	208	322	851	5	3	1051	64	41	25	2041		
1900 PASTURE	106	24.6	6.5	27.4	53.9	356	9	0	21	162	548	17	30	1873	311	70	75	2924		
2000 FORAGE CROPS	342	120.5	63.5	152.9	195.5	1872	302	1	149	264	2588	238	201	8711	1228	221	110	13296		
2100 COTTON	280	96.3	59.1	81.2	138.5	1115	560	0	161	236	2072	461	468	6337	638	1051	262	11288		
2200 COTTONSEED	14	2.1	0.5	1.5	1.1	35	3	0	0	0	38	0	22	108	3	37	0	208		
2300 SOYBEANS	455	135.5	128.9	140.9	177.1	1802	717	0	788	976	4282	144	248	9137	673	780	799	16063		
2400 PEANUTS	146	40.4	25.9	62.4	63.3	440	50	0	85	83	658	58	185	3073	192	235	391	4792		
2500 OTHER OILSEED CROPS	18	3.5	0.6	1.5	3.2	33	0	0	0	2	35	0	42	190	3	18	0	290		
2600 TOBACCO	134	49.8	40.3	85.1	76.4	670	15	0	157	36	878	38	39	4868	196	155	322	6496		
2700 SUGAR CROPS	69	34.9	6.6	28.3	117.6	747	31	0	1	0	779	1	116	2182	271	180	18	3547		
2800 MISC NEW CROPS	45	7.7	2.6	8.9	26.1	136	70	0	30	0	235	3	0	384	63	9	3	697		
2900 POULTRY	322	108.1	78.3	172.0	146.4	1936	439	0	329	739	3443	53	137	8348	569	450	327	13328		
3000 BEEF CATTLE	578	193.1	110.5	266.5	382.1	3255	1077	0	655	1618	6605	817	1141	17538	4189	958	265	31513		
3100 DAIRY CATTLE	389	112.4	77.3	113.5	263.1	2495	572	0	676	499	4243	270	173	10320	3378	581	249	19214		
3200 SWINE	231	74.4	54.3	90.0	128.5	1111	387	0	279	1162	2939	47	868	5721	1135	130	210	11049		
3300 SHEEP AND WOOL	97	16.8	13.0	34.2	31.2	284	39	0	68	224	615	45	1	1536	126	87	41	2451		
3400 OTHER ANIMALS	158	44.8	30.7	47.1	52.5	383	8	0	226	1180	1797	79	331	2355	119	267	36	4984		
3500 BEES AND HONEY	6	2.2	0.3	2.5	0.1	10	0	0	0	0	10	16	0	69	0	6	2	104		
3600 FARM SUPP & FACILITS	25	6.6	1.2	4.1	4.2	35	0	0	126	13	183	2	18	344	26	26	3	602		
3700 CLOTHING & TEXTILES	23	6.3	6.1	1.1	3.8	88	37	0	72	87	284	0	0	191	0	0	0	475		
3800 FOOD	154	54.5	32.0	58.4	61.8	785	348	0	400	764	2298	136	159	2203	58	233	39	5125		
3900 HOUSING & EQUIP	71	27.3	113.2	10.5	18.5	146	58	0	128	57	389	89	20	1202	26	28	20	1775		
4000 PEOPLE AS INDIVIDUAL	249	68.0	53.7	54.7	51.7	587	269	0	998	1533	3387	116	397	2353	65	133	113	6564		
4100 FAMILY MEMBERS	98	26.2	22.4	14.0	22.0	201	95	0	344	708	1348	5	22	479	4	23	47	1928		
4200 FARM AS BUSINESS	89	28.6	13.0	11.2	27.6	500	89	0	59	260	908	75	17	907	50	13	19	1989		
4300 SOC POLIT ORGANIZ	121	34.8	27.8	13.8	33.7	489	161	0	128	956	1735	17	128	913	29	79	41	2942		
4400 AGRIC ECONOMY U S	31	9.5	7.8	3.4	16.6	123	13	0	34	14	184	43	0	581	31	41	12	892		
4500 AGRIC ECONOMY FORGN	2	0.1	0.1	0.0	0.0	1	0	0	0	0	1	0	0	9	0	0	0	10		
4600 FARM COOPERATIVES	11	1.7	0.2	0.8	2.8	33	5	0	3	30	70	4	0	73	0	6	1	154		
4700 OTH MARKET PROCESS	12	1.5	1.0	1.9	3.3	30	20	0	0	0	50	1	2	94	1	9	35	194		
4800 MARKETING SYSTEMS	31	7.4	1.7	5.7	7.0	86	106	0	50	0	242	94	0	276	28	25	6	670		
6100 WEEDS	27	4.6	10.0	9.4	5.9	71	5	0	23	0	100	46	47	305	34	49	45	628		
6200 SEED RESEARCH	7	2.0	0.3	3.3	2.2	36	0	0	0	0	36	0	0	115	2	6	4	162		
6300 BIO CELL SYSTEMS	40	14.2	16.9	20.4	8.8	154	0	0	3	0	157	38	568	686	44	20	38	1551		
6400 EXP DESIGN/STAT METH	14	6.4	5.4	5.9	5.9	12	1	0	33	42	88	11	5	540	0	0	9	654		
6500 INVERTEBRATES	67	24.5	14.6	24.4	9.1	218	1	0	20	71	310	67	503	1312	29	152	101	2473		
6600 MICROORGANISMS, VIRUS	57	21.4	12.1	21.1	9.5	197	48	0	32	15	292	25	709	1162	5	429	62	2683		
6700 PLANTS	202	63.8	56.5	81.0	90.4	689	192	0	686	12	1580	223	441	4384	200	430	1441	8699		
6800 ANIMALS (VERTEBRATES)	98	16.6	19.1	24.6	14.9	209	67	0	54	19	350	41	495	1210	40	108	97	2340		
6900 RESEARCH ON RSCH BGM	7	5.0	2.6	0.3	2.2	18	1	0	0	0	19	17	0	336	0	12	58	443		
7000 RSCH EQUIP & TECHNOL	21	3.4	3.2	5.4	3.0	11	1	17	0	0	29	7	83	218	0	21	37	395		
9900 UNCLASSIFIED	24	6.8	2.9	0.6	0.7	199	96	38	0	246	579	244	36	491	68	78	1	1496		
TOTAL	8272		1802.4		3686.1		8045		8663		68565		12733		18085		9731			
		2594.0		2949.2		32253		3539		16066		6867		171385		12695		301861		

SAES REGION 2 SOUTHERN REGION

(INCLUDES SAES-FORSTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS					HATH	BRP	MCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TAX	OTH -BR	TOTAL
			PROF	TECH	OTHER															
SERIES 100																				
101 APPRAIS OF SOIL BES	70	23.8	26.4	33.9	17.8	247	26	32	0	41			346	21	24	1622	60	52	699	2824
102 SOIL PLNT WTR NUTRI	204	62.6	34.9	81.5	78.7	518	90	61	58	456			1184	157	203	3992	304	226	509	6574
103 MGMT OF SALINE SOIL	18	5.0	1.5	4.6	7.1	45	0	0	0	0			45	0	0	269	10	32	21	378
104 ALTERN USE OF LAND	40	11.6	8.8	9.2	9.6	203	1	0	26	0			231	15	191	567	15	12	75	1105
105 CONSERV USE OF WATE	91	20.0	15.6	17.6	25.4	207	81	14	2	55			358	157	186	1168	90	100	27	2086
106 DRAIN AND IRRIGATIO	34	10.1	5.7	11.4	15.1	106	38	0	2	0			145	45	3	646	74	66	10	989
107 WATERSHED PROT & NG	48	14.9	16.9	22.7	20.6	98	118	57	2	22			297	182	209	886	26	44	171	1814
108 ECON LEG PROB OF WA	5	3.9	3.9	1.8	2.3	57	0	0	0	0			57	6	0	169	0	9	13	254
109 WEATHER ADAPT & MOD	29	4.6	1.4	3.5	6.2	35	15	9	24	10			93	11	8	236	14	2	9	371
110 APPRAIS FORST & RAN	39	10.0	6.2	7.0	5.2	18	9	97	0	22			146	87	34	424	13	5	22	731
111 BIOL CULT MGMT PCRS	151	49.0	36.8	46.7	46.7	50	221058	35	66				1231	130	28	2371	360	277	153	4551
112 IMPROV RANGE RESCR	42	11.6	7.1	11.3	25.0	138	0	14	34	0			186	19	3	822	200	90	1	1322
113 REMOTE SENSING	14	3.4	2.1	6.5	2.9	0	0	49	0	50			99	61	30	228	12	67	34	530
114 RSCH ON MGMT OF RSC	7	5.0	2.6	0.3	2.2	18	1	0	0	0			19	17	0	336	0	12	58	443
SUBTOTAL	792	235.5	169.9	257.9	265.0	1740	402	1390	184	722			4437	908	919	13736	1178	993	1802	23973
SERIES 200																				
201 CNTRL FORST INSECTS	70	17.6	13.3	25.3	17.0	85	57	134	92	4			372	357	343	856	26	43	59	2056
202 CONTROL FOREST DIS	48	14.0	7.7	13.2	12.4	26	28	218	0	0			273	36	3	707	5	36	10	1070
203 FOREST FIRE PROTECT	5	1.0	0.3	1.0	0.2	0	0	5	0	0			5	101	0	43	1	1	2	152
204 CNTR PESTS FRT & VE	142	40.4	19.2	53.7	64.7	479	68	0	62	31			640	236	86	2689	142	159	125	4078
205 CNTR DISE FRT & VEG	253	77.9	36.8	94.6	139.8	849	67	0	135	118			1170	115	76	6157	223	193	190	8124
206 CNTR WEEDS FRT & VE	64	17.4	9.6	19.0	24.0	198	4	0	65	10			277	21	100	1255	52	51	79	1834
207 CNTR PESTS FLD CBOP	259	88.3	64.5	105.3	108.4	1378	429	0	125	72			2004	332	431	5482	299	837	474	9859
208 CNTR DIS FIELD CBOP	319	109.6	74.9	117.9	126.2	1462	334	0	393	236			2425	165	144	6338	367	506	526	10472
209 CNTR WEEDS FLD CBOP	144	48.9	48.2	41.3	74.3	750	152	0	72	138			1113	67	106	3496	332	699	234	6046
210 CNTR PESTS ANIMALS	53	16.7	10.1	15.4	10.3	230	12	0	93	153			488	131	79	846	28	98	73	1742
211 CNTR DIS ANIMALS	233	83.9	39.3	98.8	63.4	1050	86	0	230	1272			2639	583	46	5330	420	578	117	9714
212 CNTR INTER PARASITE	55	19.1	6.9	17.4	28.0	204	0	0	175	97			476	7	2	1235	39	257	38	2055
213 PROT ANMLS FROM TOX	42	8.9	4.1	21.2	8.3	107	73	0	25	154			359	27	41	810	19	72	26	1355
214 PROTECT FROM POLLUT	67	11.8	10.7	19.4	16.8	71	20	3	93	33			221	187	402	680	10	195	79	1775
SUBTOTAL	1754	555.4	345.4	643.5	693.7	6889	1332	360	1560	2319			12460	2364	1859	35924	1962	3728	2034	60331
SERIES 300																				
301 GENET BREED FORST T	49	14.9	23.3	29.6	22.7	19	50	470	0	0			539	65	37	996	26	532	31	2227
302 IMP FOREST ENG SYS	13	6.0	5.0	7.6	3.9	0	0	121	0	0			121	44	200	290	10	88	1	754
303 ECON TIMBER PRODUCT	18	7.1	3.7	8.2	1.6	0	0	137	0	0			137	144	39	330	1	70	24	744
304 IMP BIO EFF FLD CR	402	139.1	55.5	179.3	279.9	1515	208	0	233	1109			3065	43	127	11242	728	336	126	15667
305 MECH PROD FRT & VEG	63	14.3	6.3	19.9	16.5	213	0	0	0	20			234	50	4	1266	28	43	63	1688
306 PROD MGMT SYS F & V	38	9.2	4.3	14.1	16.0	75	9	0	0	34			118	4	38	812	42	23	6	1043
307 IMP BIO EFF FLD CR	713	302.1	165.2	380.3	571.3	3752	870	0	724	1115			6461	350	927	24298	2491	1048	1755	37330
308 MECH PROD FIELD CRO	57	20.8	12.8	19.8	26.4	332	39	0	0	0			371	47	37	1440	177	138	98	2308
309 PROD MGMT SYS FLD C	128	32.0	25.7	25.6	47.1	533	125	0	19	56			733	12	83	2715	347	110	47	4047
310 ANIMAL REPRODUCTION	184	81.3	64.3	111.0	188.7	1277	463	0	55	565			2359	29	2145	6543	1569	247	134	13026
311 IMP BIO EFF ANML PR	536	189.2	124.9	307.1	471.9	3897	949	0	1111	1845			7802	241	268	20600	5329	896	597	35735
312 ENV STRESS IN ANML	77	20.0	8.5	18.6	28.3	289	76	0	63	0			427	75	33	1716	236	20	38	2545
313 PROD MGMT SYS ANML	128	30.6	22.6	26.6	81.3	569	54	0	73	364			1060	17	9	2692	826	65	21	4690
314 BEES OTH POLLNTNG I	6	2.2	0.3	2.5	0.1	10	0	0	0	0			10	16	0	69	0	6	2	104
315 IMP STRUC FARM SUPP	38	12.0	2.7	8.2	10.0	104	1	8	126	13			253	19	30	686	18	25	7	1037
316 FARM BUSINESS MGMT	65	23.9	10.1	8.9	22.7	408	68	0	41	200			717	74	17	756	42	6	17	1628
317 MECH/STRUCTS ANML P	42	10.5	5.4	9.7	11.1	120	22	0	2	0			144	43	45	687	47	6	39	1012
318 NON-COM BIO TECH/BI	223	89.6	79.3	111.7	62.5	873	58	2	131	97			1160	178	2274	5497	186	780	275	10350
SUBTOTAL	2780	1004.7	619.8	1288.7	1862.0	13984	2992	738	2579	5419			25711	1451	6314	82635	12104	4440	3281	135935
SERIES 400																				
401 NEW IMP FOREST PROD	45	26.6	30.9	32.1	21.3	12	0	488	0	0			500	193	308	1771	21	204	79	3076
402 PROD F & V IMP ACCE	106	21.3	14.0	24.4	33.9	264	30	0	88	71			453	6	0	1681	112	64	17	2332
403 NEW & IMP FGV PRCD	64	25.0	13.7	22.3	35.6	470	57	0	31	0			558	0	0	1374	104	38	26	2100
404 MKT QUAL FRTS & VEG	45	10.6	5.2	16.8	8.4	162	40	0	0	0			202	0	4	761	27	37	10	1040
405 PROD FLD CROP IMP A	108	27.1	26.1	30.0	34.6	465	35	0	134	0			633	4	4	1937	337	69	49	3035
406 NEW IMP FOOD FLD CR	47	11.8	7.4	13.3	15.9	259	0	0	90	171			520	0	57	700	40	42	18	1378
407 NEW IMP NON-FOOD FC	19	7.9	3.1	3.2	15.9	175	9	0	0	0			184	8	0	298	43	7	2	542
408 MKT QUAL FIELD CROP	30	7.2	1.6	3.5	5.3	78	28	0	0	0			107	17	5	399	17	12	27	585
409 PROD ANML PR IMP AC	70	18.1	19.7	23.7	31.1	340	129	0	206	669			1344	8	26	922	154	30	12	2495
410 IMP MEAT MILK EGG P	98	30.1	31.0	33.2	33.9	670	155	0	6	29			860	49	113	2469	542	106	99	4239
411 IMP NON-FOOD ANML P	8	2.2	1.4	1.3	0.6	11	20	0	0	69			100	137	10	96	0	2	1	345
412 MKT QUAL ANIMAL PRO	49	10.7	7.1	15.1	12.6	231	30	0	18	112			391	0	8	771	41	46	2	1259
SUBTOTAL	689	198.6	161.2	218.9	248.8	3137	533	488	572	1122			5852	422	535	13177	1438	658	343	

SARS REGION 2 SOUTHERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF											USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH	OTHER	HATH	RRP	HCIN STEN	SP GT	OTH CR	TOT CR								
SERIES 800																			
801 RURAL HOUSING	29	15.6	105.2	2.1	5.3	33	74	0	126	57	291	6	13	264	1	0	0	575	
802 INDIV E FAN DEC HAK	57	15.8	10.4	6.7	10.8	117	84	0	173	560	934	8	28	309	1	9	14	1304	
803 RURAL POVERTY	31	9.9	12.3	10.2	15.9	34	30	0	96	756	914	5	1	135	4	0	0	1060	
804 ECON POTENT RURL PE	41	11.4	7.3	5.8	8.7	103	66	0	150	184	503	6	0	206	11	1	1	729	
805 COMMUNICAT RURL PE	27	12.3	13.3	6.8	8.9	53	4	0	76	520	653	0	3	723	0	16	85	1480	
806 ADJUSTMENT TO CHANG	63	17.2	12.4	10.2	12.0	219	103	0	204	77	604	4	26	393	12	24	7	1069	
807 AGRIC ECONOMIC CHAN	46	13.4	10.1	5.9	22.2	196	38	0	52	76	361	29	0	691	36	48	10	1176	
808 GOV'T PROGRAMS	11	2.7	0.8	1.1	3.3	26	0	0	0	0	26	18	33	130	1	0	6	213	
SUBTOTAL	305	98.3	171.8	48.7	87.3	780	399	0	876	2231	4286	76	103	2852	66	98	124	7606	
SERIES 900																			
901 ALLEY POLLUTION	180	68.2	54.2	77.9	61.8	662	238	66	412	857	2236	53	546	3545	69	533	300	7282	
902 OUTDOOR RECREATION	27	12.7	17.1	9.7	9.4	44	0	110	73	0	228	278	132	381	14	35	138	1205	
903 MULTI-USE-FOREST PO	30	5.1	3.2	4.9	4.1	6	0	134	0	0	140	88	8	219	6	49	3	513	
904 WLDLFE AND FISH ECO	205	62.0	57.6	84.1	75.7	360	214	169	107	454	1305	291	1046	3565	369	890	1029	8495	
905 TREES BEAUTIFICATIO	18	4.4	0.3	3.6	4.6	47	0	0	17	0	64	0	223	165	18	35	0	505	
906 ORNAMENT & TURF LEV	220	95.9	35.7	109.7	122.3	1270	191	0	20	23	1503	49	47	6351	222	305	179	8656	
907 RURAL INCOME IMP	61	11.2	8.3	2.3	14.9	194	45	0	101	60	401	5	1	359	24	42	12	844	
908 RURAL INSTITUT IMP	60	18.0	16.3	7.5	17.3	278	92	0	65	464	900	14	64	535	11	13	31	1567	
990 UNCLASSIFIED	24	6.8	2.9	0.6	0.7	199	96	38	0	246	579	244	36	491	68	78	1	1496	
SUBTOTAL	825	284.3	195.5	300.3	310.9	3062	876	518	796	2103	7355	1021	2102	15612	802	1981	1692	30564	
SCIENCE IN SERV OF MAN	7932		1802.4		3686.1		8045		8663		68566		12733		18085		9731		
GRAND TOTAL		2594.0		2949.2		32253		3539		16066		6867		173185		12695		301861	

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS										TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER	HATH	RRF	NCIN STEM	SP GT	OTH CR										
0100 SOIL AND LAND	348	100.9	143.1	77.7	66.0	1392	302	94	25	27	1840	522	1467	6412	684	1624	766	13316		
0200 WATER	213	43.9	81.9	39.1	33.6	489	126	8	11	12	646	340	1051	2786	294	396	137	5649		
0300 WATERSHEDS RIVER BAS	30	7.5	14.1	4.7	8.0	54	1	84	0	0	139	53	356	493	13	24	77	1156		
0400 AIR AND CLIMATE	49	13.3	17.2	9.6	15.5	139	160	0	0	0	299	25	414	757	48	49	31	1621		
0500 RECREATION RESOURCES	47	11.0	9.1	5.8	7.2	81	22	60	0	2	165	63	52	531	16	35	69	930		
0600 TIMBER FORST PRODUCT	309	94.4	105.7	67.2	73.8	404	991604	2	0	0	2109	670	844	5412	356	1269	598	11257		
0700 RANGE	49	14.2	14.1	10.5	7.0	148	9	0	9	0	166	71	26	850	163	43	27	1347		
0800 WILDLIFE AND FISH	116	28.8	41.9	22.4	16.5	254	22	37	0	9	323	44	569	1700	72	592	230	3530		
0900 CITRUS SUB TROP FRUT	2	0.1	0.4	0.0	0.1	0	8	0	0	0	8	0	3	7	0	1	0	19		
1000 FRUIT NUTS DECIDUOUS	141	53.3	36.8	43.3	24.7	758	96	0	35	0	889	78	167	3596	243	344	150	5467		
1100 POTATOES	79	21.8	26.1	21.0	12.4	367	207	0	0	0	574	46	98	1559	27	306	60	2670		
1200 VEGETABLES	241	65.1	68.9	55.7	39.2	1208	91	0	128	190	1616	75	266	4551	81	560	138	7288		
1300 ORNAMENTALS TURF	123	44.3	29.7	37.2	27.8	520	16	0	0	0	537	64	3	3057	86	253	175	4175		
1400 CORN	468	109.6	172.9	119.6	104.4	1996	546	0	192	0	2734	787	1048	7169	1060	1797	330	14924		
1500 GRAIN SORGHUM	135	26.1	42.9	31.0	19.8	251	58	0	0	0	309	123	424	1445	370	421	43	3135		
1600 RICE	10	5.2	6.7	3.9	5.2	3	3	0	0	0	5	5	0	401	3	0	0	415		
1700 WHEAT	293	74.0	85.4	70.8	47.9	988	243	0	52	0	1283	547	152	4823	540	1019	205	8570		
1800 OTHER SMALL GRAINS	145	31.0	40.9	33.6	24.8	494	26	0	22	0	541	97	43	2128	150	751	100	3810		
1900 PASTURE	29	3.7	4.3	6.6	5.1	93	38	0	7	0	138	16	8	368	53	25	4	610		
2000 FORAGE CROPS	231	52.6	80.2	51.7	52.5	1024	543	0	26	0	1593	374	217	3784	602	630	74	7272		
2100 COTTON	6	2.8	1.3	2.8	1.1	48	0	0	0	0	48	18	7	109	25	25	2	235		
2200 COTTONSEED	1	0.0	0.1	0.0	0.0	1	0	0	0	0	1	0	0	1	0	0	0	3		
2300 SOYBEANS	351	85.3	114.6	72.1	62.6	1285	287	0	478	134	2184	250	372	5068	540	1558	216	10189		
2400 PEANUTS	3	0.0	0.1	0.0	0.0	1	0	0	0	0	4	0	9	3	0	0	0	16		
2500 OTHER OILSEED CROPS	58	12.4	10.9	9.1	4.1	169	14	0	6	0	190	42	106	738	61	56	63	1257		
2600 TOBACCO	8	1.8	2.4	0.9	0.6	24	0	0	0	0	24	2	26	128	2	6	0	187		
2700 SUGAR CROPS	29	3.4	3.4	6.0	2.1	53	8	0	12	0	73	3	6	445	36	101	6	669		
2800 MISC NEW CROPS	30	5.1	4.0	3.0	7.3	93	48	0	0	0	141	20	89	501	21	25	12	809		
2900 POULTRY	193	57.1	58.8	78.9	66.1	1412	530	0	121	152	2216	209	298	4092	392	303	115	7624		
3000 BEEF CATTLE	404	116.1	156.1	258.4	209.3	2066	703	0	290	527	3586	298	346	10143	9662	1147	125	25307		
3100 DAIRY CATTLE	372	96.0	128.7	113.6	128.1	2079	776	0	286	640	3781	221	836	9214	1612	1497	239	17400		
3200 SWINE	312	87.8	102.8	102.0	132.8	1728	500	0	344	817	3389	245	387	7036	2967	1375	192	15591		
3300 SHEEP AND WOOL	109	22.1	21.6	23.8	24.7	359	141	0	10	252	762	11	87	2282	637	114	34	3927		
3400 OTHER ANIMALS	104	23.6	34.5	15.6	19.9	364	36	0	33	273	706	44	598	1311	234	179	36	3109		
3500 BEES AND HONEY	7	2.8	3.6	1.2	1.1	33	0	0	0	0	33	33	7	223	2	5	7	311		
3600 FARM SUPP & FACILITS	46	14.3	12.3	11.9	12.5	221	17	0	7	0	245	97	252	835	314	100	72	1916		
3700 CLOTHING & TEXTILES	25	8.7	6.1	1.0	2.8	150	10	0	0	0	160	0	0	384	0	6	2	553		
3800 FOOD	158	43.5	64.5	41.2	31.0	744	195	0	15	0	954	171	841	2715	131	584	418	5815		
3900 HOUSING & EQUIP	64	13.1	17.4	6.5	12.5	145	60	0	6	1	211	165	102	827	43	33	121	1503		
4000 PEOPLE AS INDIVIDUAL	170	38.8	59.6	21.4	28.4	564	110	0	172	42	889	50	629	2316	62	160	62	4168		
4100 FAMILY MEMBERS	99	24.4	34.9	5.2	13.3	267	151	0	88	157	663	2	0	1433	36	34	53	2222		
4200 FARM AS BUSINESS	70	22.3	32.1	6.4	28.6	435	30	0	0	0	465	184	158	1171	49	22	12	2061		
4300 SOC POLIT ORGANIZ	130	36.1	59.3	6.1	32.1	646	116	6	69	112	949	213	136	1800	90	160	271	3619		
4400 AGRIC ECONOMY U S	44	10.9	20.8	2.9	13.8	270	52	0	54	0	376	178	15	608	9	73	2	1261		
4500 AGRIC ECONOMY FORGN	15	2.7	16.5	1.7	4.4	51	0	0	0	0	51	197	1	122	5	5	0	382		
4600 FARM COOPERATIVES	18	3.9	7.8	2.4	2.0	69	15	0	0	0	84	79	0	169	5	1	4	341		
4700 OTH MARKET PROCESS	16	3.8	5.7	2.3	2.8	63	19	0	0	0	82	67	0	183	6	2	2	341		
4800 MARKETING SYSTEMS	45	12.3	11.2	4.5	12.7	166	113	0	51	0	330	121	6	511	17	5	37	1028		
6100 WEEDS	10	4.3	0.6	4.1	3.8	34	9	0	0	0	43	0	24	174	4	12	5	261		
6200 SEED RESEARCH	8	3.3	5.7	7.2	7.2	31	0	0	0	0	31	0	82	174	4	10	13	674		
6300 BIO CELL SYSTEMS	92	35.9	61.6	27.2	23.3	435	26	0	0	0	460	18	2189	2093	25	205	142	5132		
6400 EXP DESIGN/STAT METH	31	9.1	8.7	4.0	3.7	37	5	0	0	0	42	631	70	676	28	3	23	1473		
6500 INVERTEBRATES	47	15.9	15.0	7.4	8.7	255	6	0	0	1	262	6	258	863	24	11	60	1484		
6600 MICROORGANISMS, VIRUS	86	28.7	47.4	18.2	16.0	364	29	0	0	0	393	93	1977	1621	15	214	229	4541		
6700 PLANTS	196	61.7	58.8	52.2	57.9	796	124	0	743	0	1663	90	650	4215	1174	631	259	8682		
6800 ANIMALS (VERTEBRATES)	163	44.2	46.6	52.4	32.8	637	142	0	117	135	1030	73	1394	2833	529	325	186	6371		
6900 RESEARCH ON RSCH NRM	13	4.0	3.1	1.2	1.5	25	40	0	0	0	65	52	5	215	0	3	28	368		
7000 RSCH EQUIP & TECHNOL	25	5.2	5.2	1.9	2.1	25	20	1	0	0	46	94	70	277	3	17	15	521		
9900 UNCLASSIFIED	13	1.9	2.3	0.0	4.5	117	136	32	0	82	368	138	406	406	531	11	0	1861		
TOTAL	6629		2268.2	1609.7	7082	3413					42917	19647	24515	6281						
		1766.2	1688.1	26930	1928	3564					8114	119739	19158	240371						

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS										USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH	OTHER	HATH	BRF	HCIN	SP	OTH	TOT							
SERIES 100																		
101 APPRAIS OF SOIL RES	71	25.9	33.5	18.0	18.2	241	70	16	0	0	328	145	372	1411	114	710	154	3235
102 SOIL PLNT NTR NUTRI	198	58.7	62.4	54.3	33.5	868	95	132	60	0	1155	287	503	3883	781	630	336	7574
103 MGMT OF SALINE SCIL	5	0.4	1.3	0.7	0.3	6	0	0	0	0	6	0	5	45	10	0	2	68
104 ALTERN USE OF LAND	57	15.1	23.0	4.8	10.3	147	32	25	4	27	236	80	177	840	17	83	148	1582
105 CONSERV USE OF WATE	70	15.9	38.3	13.1	19.1	154	8	8	9	8	187	242	325	944	168	191	114	2171
106 DRAIN AND IRRIGATIO	40	9.1	9.8	9.2	5.0	131	0	0	0	0	131	40	189	704	105	14	35	1217
107 WATERSHED PROT & MG	34	9.5	19.3	9.4	12.9	138	1	71	0	0	211	53	518	644	34	27	41	1527
108 ECON LEG PROB OF NA	17	7.7	10.0	2.7	4.2	57	0	0	0	4	61	16	154	303	0	10	0	543
109 WEATHER ADAPT & MOD	48	14.1	18.4	10.9	18.8	160	156	0	5	0	321	22	452	854	71	49	37	1805
110 APPRAIS FORST & BAN	35	7.4	11.1	2.6	2.7	36	0	143	0	0	179	59	223	394	14	51	31	951
111 BIOL CULT MGMT PCRS	100	23.7	31.8	23.4	21.5	51	28	471	0	0	550	95	175	1618	240	140	190	3007
112 IMPROV RANGE FCRS	29	10.4	9.3	9.9	4.7	81	9	0	9	0	99	42	5	576	147	25	18	912
113 REMOTE SENSING	13	3.2	8.1	3.2	2.5	13	0	10	0	0	23	123	225	197	5	2	64	638
114 RSCH ON MGMT OF BSC	13	4.0	3.1	1.2	1.5	25	40	0	0	0	65	52	5	215	0	3	28	368
SUBTOTAL	730	205.0	279.4	159.3	151.0	2109	440	875	87	39	3550	1257	3325	12627	1706	1935	1199	25599
SERIES 200																		
201 CNTRL FORST INSECTS	36	7.6	12.5	2.6	4.2	63	6	101	1	0	171	127	178	387	10	15	52	940
202 CONTROL FOREST DIS	37	7.3	10.8	3.5	4.1	59	0	82	1	0	142	25	0	373	6	10	78	633
203 FOREST FIRE PROTECT	2	0.3	0.0	0.0	0.0	0	0	0	0	0	0	10	0	21	0	1	0	31
204 CNTR PESTS FRT & VE	55	14.9	15.8	13.2	8.8	231	18	0	27	0	276	16	196	1031	20	206	107	1852
205 CNTR DISE FRT & VEG	118	28.2	31.0	19.9	17.1	608	102	0	43	0	753	102	71	1896	39	265	52	3178
206 CNTR WEEDS FRT & VE	23	6.9	6.0	3.5	2.5	64	3	0	1	0	69	22	1	422	19	143	11	687
207 CNTR PESTS FLD CROP	136	37.5	63.5	40.1	36.8	742	238	0	27	0	1008	249	479	2461	147	510	52	4906
208 CNTR DIS FIELD CROP	220	67.6	124.6	55.3	39.4	1352	292	0	188	0	1832	186	253	4084	119	730	90	7293
209 CNTR WEEDS FLD CROP	92	22.0	31.8	28.8	23.2	388	29	0	21	0	438	137	119	1912	350	462	93	3512
210 CNTR PESTS ANIMALS	44	10.6	9.3	7.5	10.3	206	24	0	40	10	280	34	28	551	184	92	6	1173
211 CNTR DIS ANIMALS	305	84.2	67.4	125.5	62.2	958	513	0	668	1631	3770	382	551	6667	727	256	51	12405
212 CNTR INVER PARASITE	25	6.0	4.7	11.0	4.3	53	24	0	8	132	217	0	21	631	43	103	3	1019
213 PROT ANMLS FROM TOX	46	11.9	13.2	6.8	6.4	86	43	0	20	90	239	2	175	681	97	98	31	1323
214 PROTECT FROM POLLUT	61	8.3	8.3	7.2	5.9	111	25	38	0	18	192	24	171	562	14	476	17	1457
SUBTOTAL	1200	313.2	398.8	324.7	225.1	4920	1319	221	1046	1880	9386	1317	2243	21679	1774	3366	644	40408
SERIES 300																		
301 GENET BREED FORST T	40	9.6	8.4	10.2	7.6	58	49	238	0	0	345	22	14	583	15	1	68	1047
302 IMP FOREST ENG SYS	4	1.3	0.3	0.1	0.3	0	0	12	0	0	12	27	0	58	5	6	7	115
303 ECON TIMBER PRODUCT	13	3.7	5.6	0.7	3.7	4	0	55	0	0	59	45	0	233	7	6	19	369
304 IMP BIO EFF FRT & V	171	60.5	54.6	49.6	42.2	810	143	0	76	190	1219	58	348	4496	337	442	65	6965
305 MECH PROD FRT & VEG	22	4.9	1.3	5.2	1.5	135	7	0	0	0	142	21	0	323	6	8	16	517
306 PROD MGMT SYS F & V	20	5.1	1.6	3.9	1.1	49	0	0	0	0	49	0	0	323	15	72	6	464
307 IMP BIO EFF FLD CROP	461	190.4	223.6	224.9	168.2	2634	525	0	394	134	3687	1251	1190	13314	2580	3829	594	26445
308 MECH PROD FIELD CRO	34	8.1	11.4	10.0	5.1	133	36	0	2	0	170	6	40	661	81	39	16	1014
309 PROD MGMT SYS FLD C	86	19.4	17.0	16.4	16.1	337	27	0	0	0	363	133	41	1521	381	260	20	2720
310 ANIMAL REPRODUCTION	158	47.6	80.7	57.9	60.1	1131	219	0	132	461	1942	47	694	3917	1146	387	92	8226
311 IMP BIO EFF ANML PR	382	153.2	201.1	333.1	315.1	3361	1266	0	154	208	4949	375	715	15601	1163	2920	331	36054
312 ENV STRESS IN ANML	51	11.0	20.0	12.0	25.9	278	97	0	1	20	396	58	11	1225	644	196	7	2537
313 PROD MGMT SYS ANML	92	18.8	21.3	17.1	39.9	369	155	0	31	0	555	13	0	1905	1039	164	31	3708
314 BEES OTH POLLMNG I	7	2.8	3.6	1.2	1.1	33	0	0	0	0	33	33	7	223	2	5	7	311
315 IMP STRUC FARM SUPP	51	15.7	14.1	13.1	14.9	206	5	0	6	0	218	193	54	936	320	102	126	1949
316 FARM BUSINESS MGMT	52	16.0	26.2	5.4	24.7	333	16	0	0	0	349	163	89	897	47	20	11	1576
317 MECH/STRUCTS ANML P	23	4.6	4.7	3.3	3.9	104	5	0	8	0	117	41	5	304	51	14	13	543
318 NON-COM BIO TECH/BI	301	130.7	166.0	91.1	78.3	1502	149	0	36	1	1689	111	5923	6831	451	650	649	16303
SUBTOTAL	1968	703.4	861.6	855.2	809.9	11476	2659	305	840	1014	16294	2598	9133	53352	18289	9119	2079	110864
SERIES 400																		
401 NEW IMP FOREST PROD	30	17.7	14.7	10.7	21.9	80	8	234	0	0	322	156	89	872	35	929	58	2462
402 PROD F & V IMP ACCE	49	13.2	9.4	9.8	5.8	211	25	0	9	0	245	0	18	881	13	78	49	1283
403 NEW & IMP F&V PRCD	33	6.7	5.8	9.5	5.7	178	23	0	0	0	200	14	33	503	9	33	21	812
404 MKT QUAL PRTS & VEG	28	6.1	6.0	7.6	3.2	165	50	0	0	0	215	5	3	486	7	53	25	794
405 PROD FLD CROP IME A	91	27.4	30.8	31.0	24.1	339	192	0	0	0	531	135	169	1559	248	428	74	3145
406 NEW IMP FOOD FLD CR	64	17.9	30.6	18.8	11.9	286	79	0	18	0	383	42	65	1210	182	62	160	2103
407 NEW IMP NON-FOOD FC	33	6.7	11.0	3.1	4.3	78	9	0	10	0	97	0	95	398	91	70	20	770
408 MKT QUAL FIELD CROP	50	8.5	11.0	6.3	5.4	184	61	0	34	0	279	110	60	600	28	82	43	1203
409 PROD ANML PR IMP AC	51	12.9	21.4	9.9	24.6	451	88	0	23	0	562	119	66	1131	593	63	40	2474
410 IMP HEAT HILK EGG P	92	29.6	37.4	26.0	20.9	632	91	0	0	0	723	31	127	1608	177	210	137	3012
411 IMP NON-FOOD ANML P	6	0.5	0.7	0.4	0.5	3	0	0	2	0	5	0	0	40	2	1	0	49
412 MKT QUAL ANIMAL PRO	36	8.4	9.7	5.5	4.6	219	22	0	23	0	264	3	6	445	36	70	17	840
SUBTOTAL	563	155.6	188.3	138.5	132.9	2827	649	234	117	0	3826	514	729	9731	1423	2079	644	18947
SERIES 500																		
501 IMP GRADES & STANDS	14	4.3	3.1	1.7	2.7	39	19	0	0	0	58	14	37	220	8	1	14	353
502 MKTG TIMBER PRODUCT	5	1.4	0.7	1.3	0.2	0	0	27	0	0	27	18	0	58	5	0	5	112
503 MKTG EFF AGRIC PRDCS	69	14.3	26.6	2.8	16.2	297	171	0	66	0	534	102	111	726	8	72	32	1584
506 SPLY DEMAND AND ERI	30	6.4	12.5	1.0	11.9	225	23	0	0	0	248	117	0	378	15	17	6	779
507 COMP REL IN AGRIC	19	2.4	4.3	0.5	2.8	48	38	0	30	0	116	9	6	151				

SARS REGION 3 NORTH CENTRAL REGION (INCLUDES SARS-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	PROB SYS	STAFF SUPPORT YEARS				NATH	RRF	MCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
			PROF	TECH	OTHER	STEN													
SERIES 800																			
801 RURAL HOUSING	15	1.9	3.1	2.6	1.9	26	8	0	0	0	0	34	0	36	181	10	5	6	272
802 INDIV & FAM DEC MAK	69	16.9	23.7	4.0	7.9	200	70	0	0	0	0	270	0	0	948	35	67	29	1349
803 RURAL POVERTY	4	0.9	1.7	0.0	0.5	49	0	0	0	0	0	49	0	0	30	3	0	0	82
804 ECON POTENT RURL PE	26	7.1	10.9	2.8	4.3	108	3	0	0	42	153	1	23	397	9	1	0	585	
805 COMMUNICAT RURAL PE	44	13.5	13.5	1.4	9.1	117	30	0	44	43	234	10	6	1062	16	18	20	1373	
806 ADJUSTMENT TO CHANG	51	14.2	15.7	1.2	9.0	180	76	0	0	0	256	23	22	791	16	6	41	1156	
807 AGRIC ECONOMIC CHAN	57	15.4	20.0	3.4	13.5	313	74	0	54	0	441	98	82	777	29	94	44	1565	
808 GOV'T PROGRAMS	20	3.2	5.5	0.9	3.7	67	18	0	0	0	85	23	2	186	0	6	0	302	
SUBTOTAL	286	73.0	94.2	16.2	49.9	1060	279	0	98	86	1323	155	172	4372	119	197	148	6685	
SERIES 900																			
901 ALLEY POLLUTION	158	37.7	64.9	34.1	26.9	514	437	10	34	1	996	87	932	2645	64	507	221	5451	
902 OUTDOOR RECREATION	44	10.5	8.4	4.6	7.1	84	21	50	0	2	156	56	53	489	16	34	41	845	
903 MULTI-USE-FOREST PO	17	5.6	4.7	1.9	1.9	5	1	62	0	0	68	22	0	229	17	0	96	432	
904 WLDLFE AND FISH ECO	102	25.8	37.6	20.1	14.9	233	6	25	0	9	273	41	443	1492	67	555	189	3061	
905 TREES BEAUTIFICATIO	41	7.3	5.4	6.6	5.7	77	6	72	0	0	155	4	0	510	11	13	63	756	
906 ORNAMENT & TURF DEV	116	44.3	28.7	36.6	27.4	517	16	0	0	0	533	64	3	3009	86	251	158	4104	
907 RURAL INCOME IMP	33	6.1	12.4	1.7	5.3	152	6	0	22	31	211	105	13	347	10	2	10	698	
908 RURAL INSTITUT IMP	73	20.9	35.0	3.9	18.7	364	103	6	47	38	558	107	61	1033	60	106	192	2117	
990 UNCLASSIFIED	13	1.9	2.3	0.0	4.5	117	136	32	0	82	368	138	406	406	531	11	0	1861	
SUBTOTAL	597	160.0	199.4	109.5	112.4	2064	732	257	103	162	3318	622	1912	10162	861	1478	971	19325	
SCIENCE IN SERV OF MAN	5977		2268.2		1609.7		7082		3413		42917		19647		24515		6281		
GRAND TOTAL		1766.2		1688.1		26930		1928		3564		8114		119739		19159		240372	

SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS								OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -RR	TOTAL
			PROF	TECH	OTHER	HATH	HRF	STEM	GT										
0100 SOIL AND LAND	322	109.0	134.7	72.9	59.1	698	452	64	152	0	1366	1024	1710	6150	306	1038	424	12018	
0200 WATER	215	62.6	62.5	46.9	40.5	441	239	45	5	5	735	526	1834	3743	130	255	316	7538	
0300 WATERSHEDS RIVER BAS	42	12.6	10.1	7.4	6.3	45	0	84	0	0	129	264	331	548	18	14	104	1408	
0400 AIR AND CLIMATE	48	15.3	21.2	7.9	10.1	104	99	27	4	0	234	135	750	1076	87	37	43	2363	
0500 RECREATION RESOURCES	54	15.5	14.4	5.0	9.8	56	64	102	0	0	222	100	386	734	11	8	30	1491	
0600 TIMBER FORST PRODUCT	423	178.7	179.8	74.7	88.9	135	104	1673	10	0	1922	2214	2302	8234	553	1041	1145	17412	
0700 RANGE	172	47.3	44.6	59.2	27.9	385	62	108	316	0	871	434	890	2425	218	154	138	5129	
0800 WILDLIFE AND FISH	199	52.3	91.9	44.3	43.7	205	7	142	47	49	450	455	2215	3175	78	368	606	7347	
0900 CITRUS SUB TROP FRUIT	145	52.6	64.6	22.4	55.2	415	83	0	0	0	498	83	158	5597	21	197	81	6635	
1000 FRUIT NUTS DECIDUCUS	285	103.2	109.2	91.4	95.6	757	496	0	13	0	1266	250	323	9275	465	943	267	12788	
1100 POTATOES	98	27.2	23.5	21.5	13.2	249	17	0	20	0	285	26	164	1917	188	505	36	3120	
1200 VEGETABLES	364	106.1	106.2	73.3	111.6	953	452	0	98	0	1502	289	491	8599	447	848	319	12495	
1300 ORNAMENTALS TURF	143	43.6	40.8	22.9	42.3	402	10	5	5	0	422	43	142	3757	84	243	99	4789	
1400 CORN	60	11.2	16.6	6.2	12.3	106	1	0	0	0	107	61	155	848	8	80	48	1308	
1500 GRAIN SORGHUM	29	4.2	5.1	4.0	2.2	37	11	0	0	0	47	8	8	359	6	55	74	557	
1600 RICE	19	5.1	7.4	4.1	7.6	26	0	0	5	0	31	52	43	533	0	54	13	725	
1700 WHEAT	192	42.9	45.7	45.7	48.3	452	138	0	243	0	833	149	437	2977	341	597	351	5684	
1800 OTHER SMALL GRAINS	152	28.2	26.4	29.3	29.6	331	102	0	24	0	458	108	203	2061	236	211	207	3484	
1900 PASTURE	24	4.2	1.5	3.0	4.4	42	2	0	0	0	45	0	10	369	10	2	4	439	
2000 FORAGE CROPS	236	57.2	49.3	46.8	46.0	715	262	0	41	0	1018	281	449	4207	201	340	845	6880	
2100 COTTON	85	32.9	28.1	17.7	20.6	242	89	0	22	0	353	99	175	2417	60	619	79	3801	
2200 COTTONSEED	3	1.4	0.2	1.3	0.6	0	13	0	0	0	13	0	5	59	1	60	3	141	
2300 SOYBEANS	30	4.9	5.3	2.9	5.2	22	15	0	71	0	108	91	90	309	9	8	22	636	
2400 PEANUTS	6	1.4	0.2	1.6	1.1	0	0	0	0	0	0	0	7	61	0	14	0	82	
2500 OTHER OILSEED CROPS	44	12.3	13.2	9.1	18.9	53	28	0	11	2	94	131	214	971	38	207	127	1782	
2700 SUGAR CROPS	64	10.6	8.1	5.3	9.4	96	10	0	12	0	118	21	15	736	28	180	49	1145	
2800 MISC NEW CROPS	57	14.1	9.3	12.6	13.7	103	58	0	0	0	160	47	238	987	75	275	136	1918	
2900 POULTRY	101	32.1	31.1	36.7	29.8	429	183	0	0	64	676	6	92	2402	238	281	197	3892	
3000 BEEF CATTLE	327	116.3	120.0	120.8	135.3	1377	1380	0	364	470	3591	490	1462	7586	2059	459	453	16100	
3100 DAIRY CATTLE	191	43.9	43.5	43.5	53.7	623	363	0	224	236	1446	166	244	3670	1003	184	179	6891	
3200 SWINE	52	8.1	6.4	10.0	18.2	138	28	0	49	49	264	12	132	599	587	16	113	1723	
3300 SHEEP AND WOOL	115	30.7	18.6	25.5	24.7	281	198	0	5	153	637	106	402	1801	336	101	185	3569	
3400 OTHER ANIMALS	74	16.8	21.8	13.9	16.2	182	38	0	6	49	274	77	407	995	72	244	33	2102	
3500 BEES AND HONEY	25	11.1	11.5	4.6	6.4	130	10	0	0	0	140	46	27	566	15	193	21	1007	
3600 FARM SUPP & FACILITS	16	2.4	1.8	1.4	1.7	78	0	0	2	0	80	0	20	275	8	38	40	460	
3700 CLOTHING & TEXTILES	16	3.4	3.4	1.1	0.2	19	15	0	0	0	34	0	23	181	0	0	3	242	
3800 FOOD	107	36.7	43.1	15.3	33.0	278	242	0	553	0	1073	179	1323	2060	101	183	153	5073	
3900 HOUSING & EQUIP	45	9.7	6.9	4.9	13.4	90	0	23	11	0	124	97	185	698	14	32	42	1193	
4000 PEOPLE AS INDIVIDUAL	162	41.1	59.5	27.6	28.3	246	175	13	100	54	588	112	1353	2118	52	166	245	4634	
4100 FAMILY MEMBERS	45	9.4	5.2	2.8	5.7	67	126	0	15	2	210	0	93	382	17	1	14	716	
4200 FARM AS BUSINESS	36	10.6	6.5	3.1	6.2	111	79	0	0	0	190	13	7	511	9	16	47	793	
4300 SOC POLIT ORGANIZ	85	20.7	20.1	7.5	9.5	200	69	0	37	66	372	34	280	970	19	30	102	1808	
4400 AGRIC ECONOMY U S	28	8.9	4.2	2.0	4.5	87	36	0	0	0	122	32	185	362	14	28	32	775	
4500 AGRIC ECONOMY FORGN	9	2.4	3.3	0.6	1.8	25	7	0	0	0	33	0	41	174	0	11	5	265	
4600 FARM COOPERATIVES	7	0.9	0.5	0.1	0.9	6	1	0	0	0	7	5	0	44	2	8	1	66	
4700 OTH MARKET PROCESS	8	1.1	0.7	0.0	1.1	14	5	0	3	0	22	0	0	42	0	5	1	70	
4800 MARKETING SYSTEMS	13	3.2	3.5	1.1	3.4	26	4	0	21	0	51	14	6	210	9	20	19	329	
6100 WEEDS	18	3.8	5.2	2.7	2.5	54	0	0	0	0	54	88	8	285	24	18	3	480	
6200 SEED RESEARCH	11	2.2	0.9	1.4	0.9	14	0	0	0	0	14	10	65	149	31	1	5	274	
6300 BIO CELL SYSTEMS	49	16.9	26.4	7.0	11.7	63	29	0	0	0	93	155	1016	1177	19	16	50	2526	
6400 EXP DESIGN/STAT METH	20	7.2	3.3	3.0	6.5	39	0	0	0	0	39	47	0	535	33	2	0	658	
6500 INVERTEBRATES	115	47.7	78.3	27.2	30.0	267	34	0	0	1	301	104	1432	3397	31	169	98	5533	
6600 MICROORGANISMS, VIRUS	62	23.4	26.2	9.5	12.4	123	24	0	4	0	151	75	1128	1224	16	43	1	2638	
6700 PLANTS	263	72.1	127.0	37.3	53.0	569	203	9	218	0	999	263	1998	5855	111	483	108	9817	
6800 ANIMALS (VERTEBRATES)	110	64.5	95.4	38.0	35.2	127	73	0	38	83	320	84	3310	3505	89	203	392	7901	
6900 RESEARCH ON RSCH MGH	11	3.4	1.5	0.7	0.6	23	3	0	0	0	26	0	30	205	0	4	20	286	
7000 RSCH EQUIP & TECHNOL	33	10.2	6.1	3.8	5.8	44	8	0	4	0	56	49	181	503	19	239	105	1152	
9900 UNCLASSIFIED	17	5.2	0.6	0.6	2.2	199	77	12	0	17	305	0	98	100	4	2	2	512	
TOTAL	5682		1902.3		1379.1		6226		2753		25578		29291		8549		7776		206602
		1722.6		1192.8		12994		2307		1298		9154		114703		11551		206602	

SAES REGION 4 WESTERN REGION

(INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS										USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRT	OTH -RR	TOTAL
		SYS	PROF	TECH	OTHER	HATH	RRP	HCIM STEM	SP GT	OTH CR	TOT CR							
SERIES 100																		
101 APPRAIS OF SOIL RES	58	19.5	17.6	16.1	14.6	101	92	8	0	0	200	128	219	933	23	135	160	1798
102 SOIL PLMT WTR NUTRI	154	43.6	52.8	30.4	25.1	298	150	71	0	0	519	269	756	2924	173	208	174	5022
103 MGMT OF SALINE SCIL	38	11.0	16.2	7.8	7.2	74	25	0	9	0	108	70	137	829	4	81	6	1236
104 ALTERN USE OF LAND	55	18.4	16.2	11.7	10.1	124	98	0	0	0	221	362	168	561	24	209	55	1600
105 CONSERV USE OF WATE	103	30.0	23.4	19.7	15.0	219	71	2	1	5	298	257	699	1892	46	196	157	3194
106 DRAIN AND IRRIGATIO	47	16.4	12.8	5.7	11.8	95	66	0	0	0	161	270	278	1052	32	11	63	1867
107 WATERSHED PROT & MG	72	23.6	18.9	13.6	9.9	74	8	126	96	0	304	272	527	1023	30	106	145	2408
108 ECOS LEG PROJ OF WA	14	3.0	4.8	1.6	1.6	37	12	0	0	0	49	36	76	220	0	2	3	387
109 WEATHER ADAPT & MOD	46	15.6	15.3	9.2	9.0	102	144	27	0	0	273	60	523	871	44	18	26	1814
110 APPRAIS FORST & RAN	57	11.8	10.1	8.2	6.5	44	7	110	0	0	161	228	247	565	21	70	48	1341
111 BIOL CULT MGMT PCRS	134	47.5	57.1	25.5	27.5	18	2	505	0	0	525	723	679	2159	379	235	327	5027
112 IMPROV RANGE RESOR	108	29.8	31.2	25.3	18.6	225	40	74	4	0	343	261	599	1720	193	118	87	3320
113 REMOTE SENSING	14	5.2	4.0	2.2	2.2	24	2	15	0	0	40	90	106	200	8	7	89	541
114 RSCH ON MGMT OF RSC	10	3.2	1.5	0.7	0.5	23	3	0	0	0	26	0	24	196	0	4	20	271
SUBTOTAL	910	278.4	281.7	177.6	159.5	1457	717	938	111	5	3228	3026	5039	14747	977	1400	1360	29776
SERIES 200																		
201 CTRL FORST INSECTS	69	18.2	25.4	6.1	6.4	6	51	138	0	0	195	333	379	882	11	12	66	1878
202 CONTROL FOREST DIS	42	9.6	16.5	4.5	3.6	14	35	161	0	0	211	124	51	557	52	13	27	1034
203 FOREST FIRE PROTECT	4	0.7	0.3	0.5	0.5	4	0	0	0	0	4	24	3	31	0	1	6	69
204 CNTR PESTS FRT & VE	132	43.3	50.7	29.7	30.7	294	214	0	6	0	515	156	133	4021	161	321	101	5407
205 CNTR DISE FRT & VEG	209	65.6	82.1	43.7	68.9	520	219	0	22	0	760	198	228	5928	171	579	204	8069
206 CNTR WEEDS FRT & VE	56	13.1	10.1	14.8	10.6	107	79	0	29	0	214	69	13	1081	75	128	50	1631
207 CNTR PESTS FLD CBOP	116	36.0	36.5	47.0	22.1	329	76	0	336	0	741	175	194	2588	46	165	191	4099
208 CNTR DIS FIELD CBOP	126	35.6	49.4	28.6	37.3	381	59	0	79	0	519	164	176	2746	98	536	353	4592
209 CNTR WEEDS FLD CBOP	75	21.0	15.9	14.7	17.6	194	30	19	0	0	246	94	77	1181	35	209	198	2041
210 CNTR PESTS ANIMALS	24	3.7	3.3	4.4	1.6	43	6	0	0	35	83	3	55	233	0	5	1	380
211 CNTR DIS ANIMALS	165	89.9	116.1	76.6	46.6	389	331	0	417	812	1949	612	3493	4143	479	340	465	11480
212 CNTR INTER PARASITE	28	9.1	5.1	10.7	4.3	132	178	0	96	51	456	4	25	476	41	59	5	1065
213 PROT ANMLS FROM TOX	28	6.3	6.4	5.9	5.0	43	1	0	53	35	131	47	54	430	18	41	1	722
214 PROTECT FROM POLLUT	71	17.8	25.4	10.2	11.1	155	48	0	63	0	266	53	291	1379	21	405	175	2590
SUBTOTAL	1145	369.9	443.1	297.4	266.4	2609	1331	300	1119	933	6291	2054	5173	25675	1209	2815	1842	45058
SERIES 300																		
301 GENET BREED FORST T	30	15.2	11.0	10.8	6.0	0	2	197	0	0	200	297	57	757	0	77	189	1576
302 IMP FOREST ENG SIS	13	7.5	5.6	1.4	2.4	7	0	92	0	0	99	93	21	296	5	49	26	590
303 ECOS TIMBER PRODUCT	15	7.4	6.8	1.5	4.7	3	0	44	0	0	47	114	368	271	17	38	81	936
304 IMP BIO EFF FRT & V	285	91.6	87.3	74.5	101.4	646	324	0	17	0	988	155	394	8545	528	808	224	11641
305 MECH PROD FRT & VEG	38	9.4	4.2	4.1	7.8	52	27	0	4	0	84	41	0	735	59	50	27	995
306 PROD MGMT SYS F & V	25	3.8	2.0	1.5	3.9	23	19	0	27	0	69	5	47	278	8	20	1	428
307 IMP BIO EFF FLD CBOP	311	106.3	96.9	92.9	119.8	939	324	0	153	1	1418	358	1559	4086	693	1003	430	13547
308 MECH PROD FIELD CRO	14	3.2	3.2	2.3	2.2	35	1	0	26	0	63	12	1	252	7	167	23	525
309 PROD MGMT SYS FLE C	36	9.3	6.3	7.0	3.1	85	22	0	66	0	172	9	2	546	26	164	154	1072
310 ANIMAL REPRODUCTION	97	31.8	41.3	30.3	44.4	443	563	0	24	66	1096	119	202	2580	560	84	106	4747
311 IMP BIO EFF ANML FR	207	76.7	73.6	99.0	129.4	1228	427	0	29	62	1746	41	414	6871	2859	540	591	13062
312 ENV STRESS IN ANML	37	11.2	6.7	10.0	20.3	44	147	0	3	44	238	22	198	1130	93	15	85	1781
313 PROD MGMT SYS ANML	46	11.4	10.4	7.4	12.5	136	132	0	0	0	268	25	55	789	125	29	23	1315
314 BEES OTH POLLNTNG I	25	11.1	11.5	4.6	6.4	130	10	0	0	0	140	46	27	566	15	193	21	1007
315 IMP STRUC FARM SUPP	13	3.2	1.6	2.7	1.7	87	0	0	0	0	87	81	45	329	7	34	58	642
316 FARM BUSINESS MGMT	22	6.6	3.3	1.9	3.9	80	39	0	0	0	119	8	6	323	4	3	19	482
317 MECH/STRUCTS ANML P	6	0.6	0.1	0.2	0.6	19	0	0	0	0	19	0	0	17	2	0	42	80
318 NON-COM BIO TECH/BI	327	137.7	190.6	62.1	89.2	868	84	0	4	0	957	503	5206	9303	207	468	143	16786
SUBTOTAL	1547	544.1	562.3	414.1	560.7	4825	2124	333	353	173	7809	1928	8602	41675	5215	3742	2242	71212
SERIES 400																		
401 NEW IMP FOREST PROD	68	35.1	32.5	9.7	21.9	9	0	273	0	0	282	143	92	1870	60	429	53	2928
402 PROD F & V IMP ACCE	78	16.8	18.4	11.8	21.5	129	56	0	0	0	185	23	87	1856	47	159	33	2390
403 NEW & IMP P&V PRCD	62	18.1	15.4	9.6	16.7	151	20	0	0	0	172	32	205	1377	38	177	22	2022
404 HKT QUAL FRTS & VEG	59	19.0	29.5	12.8	13.8	279	1	0	14	0	294	12	107	1606	38	284	31	2372
405 PROD FLD CROP IMP A	48	11.9	15.1	14.5	13.4	184	83	0	6	0	273	108	151	866	66	135	97	1716
406 NEW IMP FOOD FLD CR	19	4.2	8.1	6.5	3.7	66	30	0	0	0	96	175	86	373	10	43	17	801
407 NEW IMP NON-FOOD FC	12	2.9	4.8	1.3	3.8	25	0	0	0	0	25	19	68	210	0	75	1	398
408 HKT QUAL FIELD CROP	16	2.5	3.3	2.6	1.4	43	2	0	0	0	44	32	3	226	15	27	7	354
409 PROD ANML RE THE AC	27	13.1	5.3	12.7	6.0	139	141	0	0	0	280	14	171	498	102	50	9	1124
410 IMP HEAT MILK ENGL P	30	8.8	7.4	5.7	6.5	100	29	0	0	0	129	0	30	708	24	87	7	984
411 IMP NON-FOOD ANML P	9	2.3	0.1	1.2	1.6	13	0	18	0	0	31	0	0	139	13	2	6	192
412 HKT QUAL ANIMAL FRO	22	4.9	3.7	3.0	4.2	40	38	2	26	0	106	2	1	238	9	29	12	398
SUBTOTAL	450	139.6	143.5	91.2	114.6	1178	399	293	46	0	1917	561	1000	9986	423	1497	294	15679
SERIES 500																		
501 IMP GRADES & STANDS	11	4.2	3.5	2.9	5.2	49	15	0	5	0	70	10	2	204	9	46	13	354
502 HKTG TIMBER PRODUCT	6	2.6	1.3	0.7	0.7	3	0	7	0	0	10	10	37	59	0	25	29	169
503 HKTG EFF AGRI PRCD	37	8.2	4.3	1.7	4.3	112	88	0	55	0	255	25	3	282	13	4	7	589
506 SPLY DEMAND AND PRI	37	11.5	10.0	5.2	7.1	150	110	0	0	0	261	62	207	474	23	20	9	1056
507 COMP REL IM AGRIC	10	2.0	1.8	0.7	1.1	30	23	0	0									

SARS REGION & WESTERN REGION

(INCLUDES SARS-FORESTRY SCH-OTHER INST)

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	PROBLEM AREA	STAFF SUPPORT YEARS													INDUS -TRY	OTH -ER	TOTAL
			SYS	PROF	TECH	OTHER	HATH	RRP	HCIE	SP	OTH	TOT	USDA	OTHER	STATE			
SERIES 800																		
801 RURAL HOUSING	10	1.6	1.1	0.3	2.6	34	0	0	0	0	34	1	14	79	5	16	1	150
802 INDIV & FAM DEC MAK	47	7.0	7.9	2.1	6.0	47	89	12	15	0	163	4	50	358	17	9	0	601
803 RURAL POVERTY	9	1.4	0.4	0.9	0.7	14	0	0	11	0	25	0	0	61	0	0	0	86
804 ECON POTENT RURAL PE	23	4.9	1.9	0.7	1.5	26	38	0	0	34	98	2	43	188	4	2	23	360
805 COMMUNICAT RURAL PE	28	4.4	4.3	1.2	1.8	35	11	1	0	2	49	0	1	218	9	31	123	431
806 ADJUSTMENT TO CHANG	42	8.6	7.2	1.8	4.9	90	96	0	11	4	201	9	64	365	18	14	20	692
807 AGRIC ECONOMIC CHAN	29	9.4	6.1	2.1	5.5	96	70	0	0	0	166	18	21	445	18	25	59	752
808 GOV'T PROGRAMS	11	1.8	3.3	0.6	1.6	24	16	0	0	0	40	13	8	133	2	18	0	213
SUBTOTAL	199	39.1	32.2	9.7	24.6	367	321	13	37	39	777	48	201	1845	73	115	226	3285
SERIES 900																		
901 ALLEY POLLUTION	144	50.4	77.0	35.1	30.5	301	292	26	178	0	797	339	1734	3280	241	690	370	7452
902 OUTDOOR RECREATION	52	15.3	13.8	4.9	9.4	56	67	96	0	0	220	75	398	716	11	10	28	1456
903 MULTI-USE-FOREST PO	29	5.6	4.9	1.2	2.3	9	5	92	0	0	106	83	1	254	4	0	9	458
904 WLDLFE AND FISH ECO	170	44.8	88.0	39.8	41.3	174	10	109	47	49	388	408	2115	2927	71	355	582	6845
905 TREES BEAUTIFICATIO	30	11.6	11.2	4.6	5.9	42	0	43	0	0	86	80	209	661	7	47	42	1131
906 ORNAMENT & TURF DEV	139	41.2	35.0	21.5	40.8	394	10	1	5	0	409	36	73	3573	83	225	99	4497
907 RURAL INCOME IMP	35	7.3	9.7	2.1	4.5	77	7	0	22	56	162	32	15	374	13	18	32	644
908 RURAL INSTITUT IMP	52	12.7	9.3	5.2	5.4	112	40	0	15	27	194	5	263	557	10	10	74	1112
909 UNCLASSIFIED	17	5.2	0.6	0.6	2.2	199	77	12	0	17	305	0	98	100	4	2	2	512
SUBTOTAL	668	194.2	249.4	115.1	142.3	1365	509	379	266	149	2667	1057	4905	12441	444	1356	1238	24108
SCIENCE IN SERV OF MAN																		
GRAND TOTAL	5412	1722.6	1902.3	1192.8	1379.1	6226	2307	2753	1298		25578	9154	29291	114703	8549	11551	7776	206602

UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
NATIONAL TOTALS

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF		STAFF SUPPORT YEARS										TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD INDUS	INDUS -TRY	OTH -ER	TOTAL
	PROJ	SYS	PROF	TECH	OTHER	HATH	RRP	HCIN STEM	SP GT	OTH CR										
0100 SOIL AND LAND	1104	334.6	388.6	318.5	245.7	3781	1312	234	195	27	5548	1775	3776	20487	1500	3184	2706	38977		
0200 WATER	692	169.9	224.1	152.0	141.6	1848	564	113	24	22	2572	1041	3410	10421	622	1039	1174	20280		
0300 WATERSHEDS RIVER BAS	123	30.3	34.8	28.3	29.3	196	117	205	6	0	523	296	892	1847	40	75	188	3861		
0400 AIR AND CLIMATE	140	36.1	38.9	21.2	32.2	315	292	17	4	0	629	94	1212	2233	173	88	97	4525		
0500 RECREATION RESOURCES	132	40.3	41.5	18.3	24.2	250	180	259	0	2	690	373	391	1714	51	55	248	3522		
0600 TIMBER FORST PRODUCT	971	353.6	360.4	296.6	268.4	1204	696	5915	115	24	7954	3285	3051	19054	811	2487	1537	38179		
0700 RANGE	268	76.7	65.1	89.3	65.2	773	113	77	376	0	1339	536	811	4340	618	363	166	8173		
0800 WILDLIFE AND FISH	595	166.2	214.5	179.5	154.8	1230	288	397	73	77	2064	653	4231	10063	650	2153	2490	22305		
0900 CITRUS SUB TROP FRUT	288	125.7	79.9	113.1	180.6	979	159	0	12	0	1150	348	397	10908	225	448	170	13646		
1000 FRUIT NUTS DECIDUOUS	1010	351.7	265.8	372.2	325.5	4398	1358	0	228	0	5984	480	994	26526	1651	1967	970	38571		
1100 POTATOES	297	79.4	76.0	83.2	59.1	1096	446	0	85	0	1626	298	271	5264	409	919	402	9189		
1200 VEGETABLES	1316	419.3	324.7	397.9	520.5	5687	1382	0	497	0	7566	672	1126	30562	1427	2260	1011	44623		
1300 ORNAMENTALS TURF	603	224.3	134.5	214.8	221.5	2882	392	1	5	23	3303	169	482	15629	499	1116	497	21696		
1400 CORN	898	200.2	251.1	213.7	197.1	3484	909	0	226	0	4619	985	1636	13269	1399	2144	587	24639		
1500 GRAIN SORGHUM	315	64.8	65.0	67.1	67.2	670	116	0	3	0	789	148	441	4078	588	596	192	6831		
1600 RICE	126	41.5	28.9	23.3	47.8	420	35	0	15	0	469	62	101	3252	220	401	46	4550		
1700 WHEAT	653	151.0	154.3	154.0	125.6	2048	418	0	361	0	2827	729	643	9725	1071	1843	666	17505		
1800 OTHER SMALL GRAINS	406	78.7	80.3	88.4	77.6	1195	143	0	46	0	1385	226	250	5409	457	1014	341	9081		
1900 PASTURE	162	32.8	12.3	38.1	62.4	510	65	0	9	0	584	33	47	2661	378	122	83	3909		
2000 FORAGE CROPS	906	255.2	199.8	282.3	313.1	4110	1349	1	217	0	5677	988	952	18238	2119	1296	665	29934		
2100 COTTON	365	124.6	85.8	96.0	152.6	1411	651	0	56	0	2118	578	650	8864	723	1694	343	14970		
2200 COTTONSEED	20	3.6	1.0	3.0	1.7	38	17	0	0	0	54	0	27	175	4	96	3	360		
2300 SOYBEANS	846	223.2	256.8	212.2	239.7	3357	1085	0	784	0	5226	486	727	15118	1263	2462	1048	26329		
2400 PEANUTS	153	38.7	26.7	63.0	60.9	441	51	0	48	0	539	58	201	3142	192	251	391	4773		
2500 OTHER OILSEED CROPS	120	28.4	25.0	19.9	26.0	260	43	0	17	2	321	174	362	1909	102	284	191	3343		
2600 TOBACCO	163	62.1	44.1	97.4	82.9	827	23	0	71	0	922	40	65	5510	237	166	322	7261		
2700 SUGAR CROPS	164	49.4	18.3	41.2	129.6	898	48	0	25	0	971	24	190	3369	342	461	72	5431		
2800 HSC NEW CROPS	139	28.6	16.2	24.4	47.7	355	200	0	28	0	583	71	327	1973	165	309	151	3579		
2900 POULTRY	747	254.3	205.1	357.5	297.5	4948	1735	0	297	449	7429	371	1045	18373	1654	1185	794	30851		
3000 BEEF CATTLE	1370	434.2	394.1	668.1	735.5	7234	3251	0	974	1670	13129	1621	3006	36440	16136	2647	914	73893		
3100 DAIRY CATTLE	1145	316.0	310.4	362.1	504.5	6418	2248	0	663	1365	10693	758	1617	27124	6924	2694	982	50791		
3200 SWINE	607	165.5	156.4	209.5	271.7	3090	928	0	393	898	5309	305	1476	13915	4806	1550	546	27907		
3300 SHEEP AND WOOL	88	17.4	14.6	11.0	24.4	199	71	0	5	61	336	13	198	1475	425	83	17	2547		
3300 SHEEP AND WOOL	262	56.2	44.4	76.9	59.0	881	357	0	73	212	1523	198	342	4628	761	238	257	7947		
3400 OTHER ANIMALS	404	91.8	93.4	98.9	89.2	1223	110	0	124	273	1729	209	1776	5621	500	778	290	10903		
3500 BEES AND HONEY	47	19.3	17.6	8.3	8.2	222	10	0	0	0	232	94	78	935	38	205	30	1612		
3600 FARM SUPP & FACILITS	96	24.4	18.3	20.6	20.9	408	19	0	26	0	453	106	394	1681	357	167	129	3288		
3700 CLOTHING & TEXTILES	64	17.3	15.7	3.0	6.6	279	79	0	0	0	358	0	82	845	36	6	5	1333		
3800 FOOD	480	151.8	177.4	123.6	132.0	2383	1098	0	600	0	4081	621	2710	8530	435	1217	678	18273		
3900 HOUSING & EQUIP	213	50.4	50.6	33.1	51.5	550	127	18	16	16	738	445	617	3456	121	141	307	5825		
4000 PEOPLE AS INDIVIDUAL	631	169.6	185.9	112.6	106.6	1923	763	10	139	114	2949	358	3102	8340	300	625	860	16535		
4100 FAMILY MEMBERS	219	64.4	73.1	23.5	42.3	638	410	0	15	23	1085	7	356	2689	281	186	626	5230		
4200 FARM AS BUSINESS	204	64.5	55.3	18.5	65.3	1225	198	0	0	0	1424	292	202	2866	116	57	81	5037		
4300 SOC POLIT ORGANIZ	397	110.0	123.6	32.7	85.7	1815	566	8	225	464	3077	404	601	4511	204	374	729	9901		
4400 AGRIC ECONOMY U S	109	30.5	33.3	8.0	34.8	518	105	0	54	0	678	253	200	1633	59	145	46	3013		
4500 AGRIC ECONOMY FORGM	30	9.4	22.8	2.7	8.9	78	7	0	0	0	85	216	43	402	7	17	26	796		
4600 FARM COOPERATIVES	36	6.2	8.6	3.2	5.8	111	21	0	0	0	131	88	0	298	7	16	6	545		
4700 OTH MARKET PROCESS	41	7.4	8.6	4.9	7.6	125	44	0	3	0	173	68	7	356	13	16	37	671		
4800 MARKETING SYSTEMS	97	29.3	17.4	16.7	25.0	450	227	0	72	0	749	258	74	1260	61	54	67	2523		
6100 SEEDS	55	12.7	16.2	16.4	12.9	179	15	0	1	0	195	134	79	784	66	80	53	1391		
6200 SEED RESEARCH	36	10.0	8.9	15.9	12.4	89	17	0	0	0	105	10	147	647	399	20	27	1355		
6300 BIO CELL SYSTEMS	223	80.8	123.9	69.4	47.8	849	55	0	0	0	905	299	4422	4482	153	256	275	10791		
6400 EXP DESIGN/STAT METH	73	25.7	18.3	12.7	17.8	125	6	0	0	0	131	689	114	1914	95	23	37	3001		
6500 INVERTEBRATES	267	103.1	122.3	67.2	50.0	958	73	0	6	1	1038	195	2469	6283	156	346	323	10810		
6600 MICROORGANISMS, VIRUS	255	91.1	102.3	68.0	46.8	941	101	0	80	0	1123	260	4276	4698	110	708	343	11517		
6700 PLANTS	754	229.2	261.5	199.2	211.7	2522	809	0	2061	0	5392	659	3375	15719	1613	1777	1872	30408		
6800 ANIMALS (VERTEBRATES)	423	142.8	178.6	131.7	86.2	1096	290	0	270	221	1877	198	5942	8193	819	652	698	18379		
6900 RESEARCH ON RSCH HGM	33	12.6	10.0	2.6	5.0	70	44	0	0	0	114	79	55	789	4	63	176	1279		
7000 RSCH EQUIP & TECHNOL	97	24.0	18.9	11.7	12.7	134	37	17	4	0	193	141	348	1202	35	48	203	2169		
9900 UNCLASSIFIED	56	13.7	4.5	0.6	7.4	802	364	58	0	163	1387	393	603	1116	604	157	3	4264		
TOTAL	22534	6626.6	6406.6	6499.4	6994.0	26636	9627	6105	136855	24361	67420	55228	28196	804831						

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TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS						HCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH	OTHER	BATH	RRP											
SERIES 100																		
101 APPRAIS OF SOIL RES	213	72.4	81.7	71.1	48.1	724	195	32	0	0	951	287	572	4202	233	833	1027	8105
102 SOIL PLNT WTR NUTRI	565	163.5	160.8	179.6	136.0	1979	484	212	66	0	2741	715	1287	11422	1318	1152	977	19610
103 HGHT OF SALINE SCIL	60	16.3	19.0	13.1	14.6	125	25	0	9	0	159	70	141	1144	25	114	29	1682
104 ALTERN USE OF LAND	173	52.5	56.8	26.4	34.2	605	253	14	4	27	903	510	548	2127	70	311	607	5075
105 CONSERV USE OF WATE	273	65.4	79.6	51.1	59.3	647	160	56	12	18	894	645	1126	3677	318	492	250	7402
106 DRAIN AND IRRIGATIO	127	36.7	29.0	26.6	33.1	344	107	5	2	0	458	355	469	2467	215	109	109	4184
107 WATERSHED PROT & MG	149	44.9	52.8	49.3	43.2	329	127	258	98	0	813	395	1051	2699	97	170	316	5541
108 ECON LEG PROB OF WA	40	15.7	28.1	6.5	9.3	156	12	0	0	4	172	59	230	767	3	21	223	1475
109 WEATHER ADAPT & MOD	135	35.4	34.9	23.8	35.1	319	339	22	5	0	684	86	926	2115	149	68	71	4100
110 APPRAIS FORST & BAN	110	27.6	25.9	17.0	15.1	130	16	299	0	0	445	382	500	1326	52	112	108	2924
111 BIOL CULT HGMT FORS	271	87.7	89.9	71.1	75.3	154	511868	0	4	0	2078	496	423	4750	378	527	370	9020
112 IMPROV RANGE RESOR	169	48.9	43.9	47.3	49.4	480	82	43	48	0	652	260	495	3047	561	233	105	5352
113 REMOTE SENSING	41	12.2	14.4	11.6	8.5	67	9	74	0	0	150	192	365	662	31	77	187	1664
114 RSCH ON HGHT OF RSC	31	12.4	7.5	2.1	4.2	70	44	0	0	0	114	69	29	751	0	20	107	1090
SUBTOTAL	2357	691.6	724.3	596.5	565.5	6128	19042884	244	54	11213	4520	8162	41155	3450	4238	4485	77223	
SERIES 200																		
201 CTRL FORST INSECTS	161	42.3	54.0	34.9	29.6	174	164	506	92	4	940	992	711	2134	46	144	265	5232
202 CONTROL FOREST DIS	115	34.7	33.8	23.6	20.3	189	123	439	1	0	752	166	38	1810	66	58	102	2991
203 FOREST FIRE PROTECT	7	1.7	0.4	1.2	0.5	4	0	5	0	0	9	114	1	73	1	2	6	206
204 CTR PRETS FRT & VE	420	133.7	120.7	130.4	120.4	1492	392	0	215	0	2099	564	736	9445	429	877	512	14663
205 CTRR DISE FRT & VEG	689	210.8	176.1	204.6	254.1	2664	625	0	199	0	3488	557	388	16022	605	1295	682	23038
206 CTRR WEEDS FRT & VE	171	44.6	31.8	45.9	43.1	603	127	0	57	0	787	112	123	3267	214	372	157	5032
207 CTRR PRETS FLD CROP	540	171.7	173.0	190.5	168.8	2715	775	0	407	0	3897	800	1155	10999	529	1535	782	19696
208 CTRR DIS FLD CROP	699	218.3	252.8	213.9	203.6	3493	773	0	452	0	4717	524	642	13778	626	1830	1008	23124
209 CTRR WEEDS FLD CROP	329	94.5	101.1	90.9	117.3	1475	248	0	109	0	1833	302	302	6943	736	1404	546	12066
210 CONTR PRETS ANIMALS	135	34.3	23.0	27.7	23.7	535	57	0	133	95	819	180	165	1812	213	200	82	3471
211 CONTR DIS ANIMALS	233	72.8	67.8	73.2	45.2	714	435	0	289	901	2339	437	530	4127	569	213	254	8469
212 CONTR DIS ANIMALS	571	222.7	187.7	290.4	147.4	2058	944	0	1212	2987	7201	1231	3853	14277	1317	1120	589	29587
213 CTRR INTER PARASITE	117	36.4	17.9	43.7	35.7	452	202	0	247	280	1182	10	96	2442	172	423	47	4371
214 PROT ANML PROH TOX	124	30.1	25.6	33.7	22.5	249	118	0	109	268	745	76	271	2046	144	220	83	3586
214 PROTECT FROM POLLUT	232	44.8	52.6	43.7	38.6	508	177	76	330	19	1111	331	929	3145	70	811	322	6720
SUBTOTAL	4543	1393.5	1318.4	1448.2	1270.8	17325	51601026	3853	4555	31918	6396	9939	92319	573810504	5437	162252		
SERIES 300																		
301 GENET BREED FORST T	94	29.7	35.8	52.0	34.1	110	165	839	0	0	1114	98	57	2064	43	577	127	4079
302 IMP FOREST ENG SYS	26	11.4	7.9	9.5	5.3	49	1	155	0	0	204	85	201	520	15	125	8	1158
303 ECON TIMBER PRODUCT	38	13.3	12.5	9.0	7.0	6	0	240	0	0	246	214	362	644	26	107	54	1654
304 IMP BIO EFF FRT & V	994	330.7	229.0	358.5	448.4	3939	870	0	128	0	4937	346	921	27571	1819	1751	624	37971
305 HECH PROD FRT & VEG	139	34.6	17.5	37.6	28.7	606	130	0	4	0	740	113	48	2698	101	118	124	3942
306 PROD HGHT SYS F & V	95	22.2	9.6	22.5	22.3	208	35	0	27	0	270	37	86	1549	95	120	19	2176
307 IMP BIO EFF FLD CRP	1551	626.9	500.9	727.3	874.4	8084	1910	0	801	1	10797	2007	3775	47700	5885	6104	2807	79076
308 HECH PROD FLD CRO	109	33.0	28.3	33.3	35.1	515	76	0	28	0	618	65	106	2407	268	352	147	3963
309 PROD HGHT SYS FLD C	267	67.5	51.8	60.8	70.2	1073	235	0	85	0	1393	154	162	5154	761	565	236	8425
310 ANIMAL REPRODUCTION	481	172.6	196.7	230.6	302.1	3306	1449	0	144	201	5100	196	3328	14339	3530	876	381	27749
311 IMP BIO EFF ANHL PR	1243	459.5	441.4	816.8	967.0	9775	2834	0	221	295	13126	746	2068	46894	20176	4605	1641	89255
312 ENV STRESS IN ANHL	192	49.9	40.3	50.8	85.6	862	400	0	6	64	1333	155	265	4559	1161	259	143	7874
313 PROD HGHT SYS ANHL	287	67.5	54.6	60.3	140.2	1250	396	0	32	0	1679	99	69	6067	2179	278	271	10641
314 BEES OTH POLLNTNG I	47	19.3	17.6	8.3	8.2	222	10	0	0	0	232	94	78	935	38	205	30	1612
315 IMP STRUC FARM SUP	125	36.9	28.0	36.0	34.3	585	6	0	6	0	597	399	378	2497	373	209	240	4694
316 FARM BUSINESS HGHT	148	49.9	42.6	14.3	54.6	981	124	0	0	0	1104	265	124	2227	98	35	50	3904
317 HECH/STRUCTS ANHL P	79	19.6	13.2	15.2	16.9	313	40	0	10	0	363	98	69	1165	109	74	107	1986
318 NON-COM BIO TECH/BI	1039	433.3	502.7	331.4	255.7	4262	311	2	192	1	4768	990	15499	24744	1255	2184	1309	50749
SUBTOTAL	6954	2477.9	2230.5	2874.1	3390.2	236146	89931235	1684	562	48621	616327596	1937363793218543	8318	340909				
SERIES 400																		
401 NEW IMP FOREST PROD	119	60.6	64.8	43.9	53.6	166	8	950	2	0	1126	401	525	3408	115	556	168	6299
402 PROD F & V IMP ACCE	263	58.8	44.4	53.7	65.5	679	160	0	9	0	848	37	105	4961	210	323	144	6629
403 NEW & IMP FGY PROD	189	60.7	48.6	45.5	60.6	889	145	0	50	0	1084	46	243	3778	152	300	79	5683
404 HKT QUAL FRTS & VEG	179	51.4	54.8	53.2	32.9	840	447	0	45	0	1333	29	120	3842	155	442	107	6028
405 PROD FLD CROP IMP A	256	68.6	72.5	77.7	77.4	1024	340	0	44	0	1408	248	325	4570	655	647	228	8079
406 NEW IMP FOOD FLD CR	133	35.4	50.8	39.1	31.8	645	119	0	27	0	791	217	243	2460	255	166	198	4329
407 NEW IMP NON-FOOD FC	68	18.3	19.9	10.0	25.7	282	20	0	10	0	311	28	171	992	138	152	23	1816
408 HKT QUAL FLD CROP	102	20.2	17.6	14.2	12.6	341	91	0	34	0	466	187	68	1271	61	125	79	2257
409 PROD ANHL PR IMP AC	151	42.5	41.3	50.9	62.6	1129	363	0	23	2	1517	54	299	2830	927	149	93	5868
410 IMP HEAT MILK EGG P	264	82.1	98.5	77.2	70.3	1718	292	0	6	0	2015	96	450	5768	806	504	298	9937
411 IMP NON-FOOD ANHL P	22	4.6	2.2	3.0	2.6	27	20	0	2	0	49	137	10	279	15	5	7	502
412 HKT QUAL ANIMAL PRO	116	27.0	22.9	26.2	22.8	577	90	0	57	0	723	5	15	1681	86	274	39	2823
SUBTOTAL	1862	530.1	538.3	494.5	518.3	8317	2095	950	307	2	11672	1484	2574	35840	3577	3643	1462	60250
SERIES 500																		
501 IMP GRADES & STANDS	63	18																

NATIONAL TOTAL SAES

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS					HATH	RRP	HCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FRD	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
		SYS	PROF	TECH	OTHER	OTHER													
SERIES 700																			
701 TOX RES IN FOOD	209	59.0	79.6	56.7	47.9	503	647	0	2249	18	3417	81	1179	3285	136	319	189	8606	
702 FOOD PROT FROM TOX	204	58.0	57.0	59.2	39.7	916	428	0	40	17	1400	54	1393	3574	209	730	282	7642	
703 FOOD CONSUMP HABITS	124	32.4	29.3	20.2	21.9	409	277	0	2	0	687	197	479	1411	80	70	107	3030	
704 HOME COOH FOOD SERV	41	10.6	13.9	7.2	8.3	176	90	0	3	0	268	9	93	517	65	40	26	1019	
705 SEL CARE CLOTH & TE	56	14.9	13.8	2.7	5.5	197	75	0	0	0	271	0	82	750	36	5	5	1149	
706 COMTR INSECTS AFF H	127	39.8	47.1	29.1	20.8	435	127	8	6	0	576	83	301	2537	67	212	228	4002	
707 TRAMS ABHHL HAN DI	25	8.7	9.1	12.0	1.9	65	11	0	0	0	76	30	541	361	13	44	51	1117	
708 HUMAN NUTRITION	326	102.9	147.2	107.1	71.2	1487	567	0	100	0	2154	399	3499	5261	267	539	409	12528	
709 REDUCE HAZ HLTH & S	61	13.1	9.9	9.6	9.7	217	10	0	0	0	227	110	199	776	20	199	57	1589	
SUBTOTAL	1173	339.3	406.8	303.8	227.0	4405	2231	8	2399	35	9077	963	7764	18472	893	2158	1355	40682	
SERIES 800																			
801 RURAL HOUSING	54	10.5	12.5	4.9	11.0	114	84	0	0	15	213	7	247	591	21	22	7	1107	
802 INDIV & FAM DEC MAK	173	47.1	51.4	19.6	31.4	418	265	0	15	1	698	9	168	1962	248	198	546	3830	
803 RURAL POVERTY	25	5.3	6.7	1.8	6.3	97	30	0	11	30	167	5	1	225	8	0	0	406	
804 ECON POTENT RURL PE	86	24.9	22.7	8.0	15.7	292	139	0	0	82	513	21	169	903	32	15	191	1845	
805 COMMUNICAT RURL PE	126	36.4	31.2	10.4	24.0	304	45	10	0	46	404	25	89	2357	39	75	360	3350	
806 ADJUSTMENT TO CHANG	158	47.2	38.7	12.0	25.8	600	348	0	11	5	964	36	131	1728	68	44	174	3146	
807 AGRIC ECONOMIC CHAN	136	38.0	37.3	10.8	40.0	638	185	0	54	0	878	144	110	1993	86	167	113	3490	
808 GOV'T PROGRAMS	44	8.2	10.0	2.6	9.0	131	35	0	0	0	166	54	42	458	2	24	13	760	
SUBTOTAL	802	217.5	210.5	70.1	163.1	2593	1130	10	91	179	4004	302	958	10216	504	546	1404	17933	
SERIES 900																			
901 ALLEV POLLUTION	586	176.7	231.1	165.1	129.6	2038	1126	92	318	2	3576	407	3846	11411	530	1970	1286	23025	
902 OUTDOOR RECREATICN	124	40.3	37.7	17.8	24.0	239	182	237	0	2	659	337	457	1674	51	80	248	3506	
903 MULTI-USE-FOREST PO	66	15.6	17.7	8.4	7.7	26	6	259	0	0	291	148	50	651	27	51	173	1390	
904 WLDLFE AND FISH ECO	504	136.1	188.5	159.9	137.0	1019	261	348	73	77	1777	541	3298	8618	600	1903	2272	19008	
905 TREES BEAUTIFICATIO	97	26.2	22.1	16.3	16.8	195	106	130	0	0	432	53	353	1486	40	87	102	2553	
906 ORNAMENT & TURF DEV	587	219.0	126.9	209.6	217.3	2855	388	1	5	23	3271	162	196	15286	498	1075	482	20970	
907 RURAL INCOME IMP	149	32.4	36.0	9.3	27.6	618	177	0	101	164	1060	146	81	1297	59	68	58	2769	
908 RURAL INSTTUT IMP	229	61.5	70.7	21.4	48.2	1005	308	8	139	272	1732	153	394	2646	133	228	494	5781	
990 UNCLASSIFIED	56	13.7	4.5	0.6	7.4	802	364	58	0	163	1387	393	603	1116	604	157	3	4264	
SUBTOTAL	2398	721.6	735.2	608.4	615.6	8797	2918	1133	635	702	14185	2341	9278	44185	2542	5618	5118	83267	
SCIENCE IN SERV OF MAN	21016		6406.6		6994.0		26636		9627		136856		67420		55228		28196		
GRAND TOTAL		6626.6		6499.4		87148		7340		6105		24361		446946		45826		804833	

FORESTRY SCHOOL TOTAL

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS				OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL			
			PROF	TECH	OTHER	HATH												
0100 SOIL AND LAND	51	15.3	14.7	9.9	3.3	0	0	105	0	0	105	146	385	444	0	116	177	1374
0200 WATER	14	5.9	4.9	1.2	2.2	0	0	29	0	0	29	43	100	145	0	40	79	436
0300 WATERSHEDS RIVER BAS	21	5.0	6.1	1.7	2.3	0	0	65	0	0	65	69	25	289	0	15	40	501
0400 AIR AND CLIMATE	2	1.4	3.5	0.0	1.2	0	0	18	0	0	18	100	0	30	0	0	0	147
0500 RECREATION RESOURCES	36	7.9	8.4	2.1	3.7	0	0	142	0	0	142	82	228	243	6	0	57	759
0600 TIMBER FORST PRODUCT	462	175.0	157.6	97.0	67.1	0	0	1675	0	0	1675	2248	1469	6816	708	2033	1114	16063
0700 RANGE	16	3.8	4.4	0.8	0.3	0	0	45	0	0	45	92	112	146	0	0	1	396
0800 WILDLIFE AND FISH	87	19.1	29.5	21.6	3.5	0	0	194	0	0	194	260	849	660	0	43	326	2331
1000 FRUIT NUTS DECIDUCUS	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	1	0	1
1200 VEGETABLES	1	0.3	0.3	0.3	0.0	0	0	0	0	0	0	22	8	0	0	0	0	30
1300 ORNAMENTALS TURF	4	0.3	0.4	0.2	0.0	0	0	4	0	0	4	0	0	3	0	1	7	15
2000 FORAGE CROPS	1	0.1	0.5	0.1	0.0	0	0	0	0	0	0	0	0	2	0	6	0	8
2300 SOYBEANS	2	0.2	1.0	0.0	0.0	0	0	0	37	0	37	0	0	1	0	0	0	38
3200 SWINE	2	0.3	0.0	0.0	0.0	0	0	0	0	0	0	0	0	7	0	0	0	7
3400 OTHER ANIMALS	1	0.2	0.0	0.0	0.0	0	0	0	0	0	0	1	13	0	0	0	0	14
3600 FARM SUPP & FACILITS	1	0.3	0.0	0.0	0.0	0	0	8	0	0	8	0	0	12	0	0	0	20
3900 HOUSING & EQUIP	4	1.4	0.6	0.4	0.4	0	0	0	0	0	0	5	21	30	0	13	26	94
4000 PEOPLE AS INDIVIDUAL	4	0.7	0.5	0.0	0.1	0	0	13	0	0	13	19	115	174	0	21	232	573
4300 SOC POLIT ORGANIZ	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	1	1	0	0	0	0	1
4500 AGRIC ECONOMY FORGM	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
6300 BIO CELL SYSTEMS	4	4.1	2.6	2.1	0.0	0	0	0	3	0	3	0	157	60	0	0	0	219
6500 INVERTEBRATES	3	0.8	1.0	0.2	0.0	0	0	0	0	0	0	4	12	0	0	22	38	
6600 MICROORGANISMS, VIRUS	5	1.5	2.4	0.5	0.0	0	0	0	0	0	0	77	20	0	0	0	0	98
6700 PLANTS	9	1.9	0.8	0.6	0.0	0	0	9	0	0	9	0	63	27	0	0	0	99
6800 ANIMALS (VERTEBRATES)	3	1.1	2.7	0.2	0.0	0	0	0	0	0	0	59	23	0	0	0	0	82
6900 RESEARCH ON RSCH MGN	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	12	62	139	0	9	93	316
7000 RSCH EQUIP & TECHNOL	10	5.4	3.5	1.4	0.6	0	0	14	3	0	17	9	173	131	0	8	0	338
9900 UNCLASSIFIED	5	0.4	0.0	0.1	0.0	0	0	40	0	0	40	7	37	0	0	0	0	84
TOTAL	752	252.2	245.2	140.1	84.7	0	0	2362	42	0	2404	3091	3959	9436	715	2306	2173	24084

FORESTRY SCHOOL TOTAL

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF SUPPORT YEARS				HATH	BRF	HCIN	SP	OTH	TOT	USDA	OTHER	STATE	PROD	INDUS	OTH	TOTAL
		SYS	PROF	TECH	OTHER													
SERIES 100																		
101 APPRAIS OF SOIL RES	10	4.8	3.2	3.1	1.2	0	0	25	0	0	25	31	95	129	0	70	62	411
102 SOIL PLMT WTR NUTRI	34	8.0	9.3	4.6	2.0	0	0	114	0	0	114	83	212	265	0	53	56	782
104 ALTERN USE OF LAND	13	2.0	3.1	1.4	0.2	0	0	12	0	0	12	29	0	120	0	4	42	207
105 CONSERV USE OF WATE	5	3.9	0.9	0.9	1.1	0	0	0	0	0	0	11	95	91	0	22	50	268
107 WATERSHED PROT & MG	29	9.6	8.7	3.6	3.6	0	0	66	0	0	66	134	214	358	0	31	81	884
109 WEATHER ADAPT & MOD	5	2.9	2.5	0.9	1.4	0	0	20	0	0	20	38	83	52	0	0	0	192
110 APPRAIS FOREST & RAN	40	5.0	7.0	3.9	0.6	0	0	112	0	0	112	83	8	253	5	14	26	500
111 BIOL CULT HGHT FCRS	189	52.8	57.2	35.5	30.7	0	0	634	0	0	634	784	482	2150	646	243	356	5295
112 IMPROV RANGE RESOR	12	3.3	3.9	0.5	0.2	0	0	45	0	0	45	63	112	126	0	0	1	347
113 REMOTE SENSING	12	1.8	2.1	0.7	0.1	0	0	27	0	0	27	83	0	68	0	3	2	181
114 RSCH ON HGHT OF BSC	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	12	62	139	0	9	93	316
SUBTOTAL	350	94.1	97.9	55.0	41.1	0	0	01055	0	0	1055	1351	1362	3750	651	449	768	9384
SERIES 200																		
201 CNTRL FORST INSECTS	52	14.1	17.0	10.0	1.2	0	0	108	0	0	108	324	267	564	0	35	43	1340
202 CONTROL FOREST DIS	41	7.9	11.2	4.4	1.8	0	0	153	0	0	153	78	26	320	38	11	53	678
203 FOREST FIRE PROTECT	4	0.4	0.2	0.3	0.2	0	0	0	0	0	0	20	1	21	0	1	2	46
206 CNTR WREDS FRT & VE	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	1	0	1
210 CNTR PESTS ANIMALS	2	0.3	2.2	0.0	0.0	0	0	0	0	0	0	0	20	19	0	0	0	39
214 PROTECT FROM POLLUT	8	1.5	1.3	1.7	0.1	0	0	5	0	0	5	8	40	61	0	29	0	143
SUBTOTAL	108	24.2	31.9	16.3	3.2	0	0	266	0	0	266	429	355	985	38	76	98	2247
SERIES 300																		
301 GENET BREED FOREST T	36	13.7	9.7	5.8	4.3	0	0	143	0	0	143	289	50	474	0	49	165	1170
302 IMP FOREST ENG SYS	11	5.8	4.1	0.5	1.7	0	0	105	0	0	105	84	20	174	5	29	26	443
303 ECON TIMBER PRODUCT	15	7.2	5.1	1.4	3.2	0	0	29	0	0	29	98	45	240	0	34	73	519
304 IMP BIO EFF FRT & V	1	0.3	0.3	0.3	0.0	0	0	0	0	0	0	0	22	8	0	0	0	30
307 IMP BIO EFF PLD CRP	2	0.2	1.0	0.0	0.0	0	0	0	37	0	37	0	0	1	0	0	0	38
310 ANIMAL REPRODUCTION	1	0.3	0.0	0.0	0.0	0	0	0	0	0	0	0	0	7	0	0	0	7
311 IMP BIO EFF ANML PR	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
315 IMP STRUC FARM SUPP	1	0.3	0.0	0.0	0.0	0	0	8	0	0	8	0	0	12	0	0	0	20
318 NON-COM BIO TECH/BI	21	13.0	8.4	4.3	0.0	0	0	0	5	0	5	0	482	182	0	0	23	693
SUBTOTAL	89	40.6	28.5	12.3	9.1	0	0	284	42	0	327	470	620	1098	5	112	287	2919
SERIES 400																		
401 NEW IMP FOREST PROD	62	41.5	28.9	25.9	17.6	0	0	225	0	0	225	138	89	1934	15	1481	50	3932
411 IMP NON-FOOD ANML P	1	0.3	0.0	0.0	0.0	0	0	18	0	0	18	0	0	0	0	0	0	18
412 HKT QUAL ANIMAL FRO	1	0.2	0.2	0.0	0.0	0	0	2	0	0	2	0	0	0	0	0	0	2
SUBTOTAL	64	42.0	29.1	25.9	17.6	0	0	246	0	0	246	138	89	1934	15	1481	50	3953
SERIES 500																		
502 HKTG TIMBER PRODUCT	8	2.8	1.0	0.9	0.6	0	0	19	0	0	19	11	36	68	0	25	29	188
512 IMP GRADES FRT PRO	4	1.3	0.6	0.2	0.4	0	0	0	0	0	0	4	16	53	0	17	3	94
513 PRICE ANAL FRT PRO	10	3.1	1.8	0.6	0.5	0	0	35	0	0	35	14	36	82	0	25	45	238
SUBTOTAL	22	7.1	3.5	1.6	1.5	0	0	54	0	0	54	29	89	204	0	67	77	520
SERIES 600																		
603 TECH AID DEV CRTY	5	3.2	1.9	0.9	0.7	0	0	2	0	0	2	13	13	78	0	0	144	250
SUBTOTAL	5	3.2	1.9	0.9	0.7	0	0	2	0	0	2	13	13	78	0	0	144	250
SERIES 800																		
802 INDIV & FAM DEC MAK	1	0.7	0.5	0.0	0.0	0	0	12	0	0	12	3	0	19	0	0	0	34
805 COMMUNICAT RURAL PE	3	0.0	0.0	0.0	0.1	0	0	1	0	0	1	16	115	154	0	21	232	539
SUBTOTAL	4	0.7	0.5	0.0	0.1	0	0	13	0	0	13	19	115	174	0	21	232	573
SERIES 900																		
901 ALLEY POLLUTION	14	4.8	7.7	2.1	1.8	0	0	26	0	0	26	82	87	93	0	42	61	392
902 OUTDOOR RECREATION	33	7.9	7.7	2.1	3.7	0	0	138	0	0	138	85	232	224	6	1	26	713
903 MULTI-USE-FOREST PO	25	4.9	5.2	2.4	1.6	0	0	142	0	0	142	69	0	201	0	0	99	511
904 WDLFE AND FISH ECO	77	18.2	27.4	20.2	3.3	0	0	97	0	0	97	233	875	630	0	43	317	2196
905 TREES BEAUTIFICATION	12	4.0	4.0	1.2	1.1	0	0	0	0	0	0	167	85	65	0	13	8	339
906 ORNAMENT & TURF DEV	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	5	5
990 UNCLASSIFIED	5	0.4	0.0	0.1	0.0	0	0	40	0	0	40	7	37	0	0	0	0	84
SUBTOTAL	167	40.3	51.9	28.0	11.4	0	0	442	0	0	442	642	1317	1214	7	99	518	4239
SCIENCE IN SERV OF MAN	809		245.2	140.1	84.7	0	0		42	0	2404		3959		715		2173	
GRAND TOTAL		252.2				0	0	2362		0		3091		9436		2306		24084

OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-B-0 SUMMARY BY COMMODITY OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ		STAFF SUPPORT YEARS					MCM STW	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALE	INDUS -TRY	OTH -ER	TOTAL
	SYS	PROF	TECH	OTHER	BATH	REF												
0100 SOIL AND LAND	27	9.5	6.0	10.5	9.5	0	0	0	239	784	1023	0	0	4	0	0	0	1027
0200 WATER	12	10.0	6.1	3.9	3.1	0	0	0	213	373	586	0	0	0	0	0	0	586
0300 WATERSHEDS RIVER EAS	3	2.0	1.9	1.3	1.3	0	0	0	7	69	76	0	0	0	0	0	0	76
0400 AIR AND CLIMATE	1	0.2	0.0	1.0	0.0	0	0	0	0	34	34	0	0	0	0	0	0	34
0500 RECREATION RESOURCES	2	1.8	1.3	1.0	1.0	0	0	0	73	0	73	0	0	0	0	0	0	73
0600 TIMBER FORST PRODUCT	5	1.1	0.0	1.3	0.1	0	0	0	35	96	131	0	0	0	0	0	0	131
0700 RANGE	1	0.1	0.0	0.0	0.0	0	0	0	0	28	28	0	0	0	0	0	0	28
0800 WILDLIFE AND FISH	21	6.7	5.1	8.5	4.0	0	0	0	170	554	723	1	0	8	0	0	0	732
0900 CITRUS SUB TROP FBUT	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000 FRUIT NUTS DECIDUCUS	8	2.5	0.8	4.7	3.1	0	0	0	79	277	357	0	0	0	0	0	0	357
1200 VEGETABLES	40	13.9	10.7	18.3	21.5	0	0	0	292	1793	2085	0	0	2	0	0	0	2087
1300 ORNAMENTALS TURF	3	0.0	0.0	0.0	0.0	0	0	0	37	0	37	0	0	0	0	0	0	37
1400 CORN	4	0.5	0.0	0.7	0.6	0	0	0	58	0	58	0	0	0	0	0	0	58
1500 GRAIN SORGHUM	3	0.2	0.1	0.3	0.9	0	0	0	10	9	18	0	0	0	0	0	0	19
1600 RICE	1	0.0	0.0	0.2	0.0	0	0	0	4	0	4	0	0	0	0	0	0	4
1700 WHEAT	4	0.8	1.4	0.7	0.9	0	0	0	23	9	32	0	0	0	0	0	0	32
1800 OTHER SMALL GRAINS	14	2.6	0.0	4.7	0.3	0	0	0	208	322	531	0	0	0	0	0	0	531
1900 PASTURE	2	0.5	0.2	0.5	1.8	0	0	0	19	162	182	0	0	0	0	0	0	182
2000 FORAGE CROPS	14	5.3	3.0	12.4	5.6	0	0	0	103	339	442	0	0	0	0	0	0	442
2100 COTTON	8	7.7	2.8	5.7	7.6	0	0	0	127	236	363	0	0	4	0	0	0	367
2300 SOYBEANS	41	18.6	7.0	15.5	12.2	0	0	0	643	1369	2012	0	0	1	0	0	18	2031
2400 PEANUTS	4	3.1	0.0	1.0	3.5	0	0	0	41	83	123	0	0	0	0	0	0	123
2500 OTHER OILSEED CROPS	2	0.0	0.0	0.0	0.3	0	0	0	0	2	2	0	0	0	0	0	0	2
2600 TOBACCO	2	1.1	0.9	0.5	0.0	0	0	0	86	36	122	0	0	0	0	0	0	122
2800 MISC NEW CROPS	1	0.0	0.0	0.5	0.0	0	0	0	1	0	1	0	0	0	0	0	0	1
2900 POULTRY	23	7.5	4.7	13.1	5.0	0	0	0	239	592	831	0	7	3	0	0	0	840
3000 BEEF CATTLE	25	7.6	5.2	10.6	10.6	0	0	0	402	1068	1470	0	0	0	0	0	0	1470
3100 DAIRY CATTLE	20	3.5	1.3	7.5	2.7	0	0	0	659	219	878	0	0	0	0	0	0	878
3200 SWINE	25	11.9	10.8	8.8	12.9	0	0	0	309	1221	1530	0	0	0	0	0	0	1530
3300 SHEEP AND WOOL	1	2.4	0.0	0.0	0.0	0	0	0	0	16	16	0	118	0	0	0	78	212
3300 SHEEP AND WOOL	9	1.9	0.6	2.8	2.3	0	0	0	5	363	368	0	0	0	0	0	0	368
3400 OTHER ANIMALS	16	10.7	10.1	7.1	7.7	0	0	0	157	1270	1427	0	0	2	0	0	0	1429
3600 FARM SUPP & FACILITIES	6	1.8	0.7	1.1	1.3	0	0	0	126	13	140	0	0	0	0	0	0	140
3700 CLOTHING & TEXTILES	7	2.2	2.7	0.7	1.5	0	0	0	72	87	159	0	0	2	0	0	0	160
3800 FOOD	36	11.6	2.9	13.5	8.4	0	0	0	423	764	1187	0	0	0	0	0	0	1187
3900 HOUSING & EQUIP	6	10.8	100.5	1.2	1.2	0	0	0	127	42	169	0	0	0	0	0	0	169
4000 PEOPLE AS INDIVIDUAL	93	28.5	20.6	23.3	20.7	0	0	0	1148	1607	2755	0	0	8	0	0	0	2763
4100 FAMILY MEMBERS	50	13.8	10.0	13.8	11.2	0	0	0	460	1045	1505	0	0	1	0	0	0	1506
4200 FARM AS BUSINESS	10	3.8	1.9	3.0	3.7	0	0	0	59	260	318	0	0	0	0	0	0	318
4300 SOC POLIT ORGANIZ	28	8.4	4.5	7.9	6.2	0	0	0	74	856	929	0	0	1	0	0	0	930
4400 AGRIC ECONOMY U S	3	0.3	0.3	0.3	1.3	0	0	0	34	14	48	0	0	0	0	0	0	48
4600 FARM COOPERATIVES	2	0.6	0.0	0.0	0.0	0	0	0	3	30	33	0	0	0	0	0	0	33
4800 MARKETING SYSTEMS	2	0.7	0.0	0.5	0.5	0	0	0	50	0	50	0	0	0	0	0	0	50
6100 FEEDS	2	0.5	0.0	0.2	0.0	0	0	0	22	0	22	0	0	0	0	0	0	22
6300 BIO CELL SYSTEMS	1	0.4	0.0	0.2	0.1	0	0	0	3	0	3	0	0	0	0	0	0	3
6400 EXP DESIGN/STAT METH	3	0.6	1.0	0.3	0.6	0	0	0	33	42	75	0	0	0	0	0	0	75
6500 INVERTEBRATES	2	0.3	0.3	0.9	0.8	0	0	0	20	71	91	0	0	2	0	0	0	93
6600 MICROORGANISMS, VIRUS	2	0.5	0.0	0.6	0.3	0	0	0	30	15	45	0	0	0	0	0	0	45
6700 PLANTS	10	2.2	0.7	2.0	0.7	0	0	0	103	17	120	0	24	0	0	75	5	224
6800 ANIMALS (VERTEBRATES)	4	0.8	0.0	1.6	0.5	0	0	0	53	19	72	0	0	0	0	0	0	72
7000 RSCH EQUIP & TECHNOL	1	0.9	0.1	0.4	0.1	0	0	0	0	0	0	0	53	0	0	225	15	293
9900 UNCLASSIFIED	5	1.0	1.3	0.5	0.0	0	0	0	0	279	279	0	0	0	0	0	0	279
TOTAL	616		227.1		177.2	0	0	7078		23560		202		39	0	300	115	24216
		223.2		214.9		0	0	16482				1		39				

OTHER COOPERATING INSTITUTIONS-TOTAL

TABLE IV-D-0 SUMMARY BY PROBLEM AREA OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	SYS	STAFF SUPPORT YEARS			HATH	BRF	HCIN STEM	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHER													
SERIES 100																		
101 APPRAIS OF SOIL BEE	4	0.4	0.1	0.5	0.0	0	0	0	0	41	41	0	0	0	0	0	0	41
102 SOIL PLMT WTR NUTRI	16	8.3	2.7	5.6	7.7	0	0	0	62	474	536	0	0	4	0	0	0	540
103 MGMT OF SALINE SCIL	1	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
104 ALTERN USE OF LAND	1	0.3	0.0	0.0	0.1	0	0	0	26	0	26	0	0	0	0	0	0	26
105 CONSERV USE OF WATE	2	0.6	0.6	0.9	0.2	0	0	0	0	49	49	0	0	0	0	0	0	49
107 WATERSHED PROT & MGT	1	0.1	0.0	0.0	0.0	0	0	0	0	22	22	0	0	0	0	0	0	22
109 WEATHER ADAPT & MGD	3	0.2	0.2	0.5	0.0	0	0	0	24	10	34	0	0	0	0	0	0	34
110 APPRAIS FORT & BAN	1	0.1	0.0	0.0	0.0	0	0	0	0	22	22	0	0	0	0	0	0	22
111 BIOL CULT MGMT PCRS	3	0.9	0.0	1.2	0.1	0	0	0	35	66	102	0	0	0	0	0	0	102
113 REMOTE SENSING	1	0.2	0.0	0.0	0.0	0	0	0	0	50	50	0	0	0	0	0	0	50
SUBTOTAL	33	11.1	3.6	8.6	8.1	0	0	0	148	734	882	0	0	4	0	0	0	886
SERIES 200																		
204 CNTR PESTS FRT & VE	4	0.4	0.6	0.3	0.2	0	0	0	2	31	33	0	0	0	0	0	0	33
205 CNTR DISE FRT & VEG	10	1.5	0.9	2.0	1.4	0	0	0	72	118	190	0	0	0	0	0	0	190
206 CNTR WEEDS FRT & VE	7	0.6	0.2	0.7	0.0	0	0	0	43	10	54	0	0	0	0	0	0	54
207 CNTR PESTS FLD CROP	12	3.1	0.1	12.1	3.5	0	0	0	127	132	259	0	0	4	0	0	0	264
208 CNTR DIS FIELD CROP	13	7.8	2.6	7.5	8.2	0	0	0	250	236	485	0	0	0	0	0	0	485
209 CNTR WEEDS FLD CROP	3	1.8	0.6	1.0	1.4	0	0	0	3	138	141	0	0	0	0	0	0	141
210 CNTR PESTS ANIMALS	1	0.8	0.9	0.2	0.7	0	0	0	112	112	112	0	0	0	0	0	0	112
211 CNTR DIS ANIMALS	1	2.4	0.0	0.0	0.0	0	0	0	16	16	16	118	0	0	0	0	78	212
211 CNTR DIS ANIMALS	11	4.7	1.5	5.7	3.6	0	0	0	27	233	261	0	0	0	0	0	0	261
212 CNTR INTER PARASITE	1	0.3	0.0	0.0	2.0	0	0	0	45	0	45	0	0	0	0	0	0	45
213 PROT ANMLS FROM TOX	2	0.3	0.0	1.8	0.0	0	0	0	24	24	24	0	0	0	0	0	0	24
214 PROTECT FROM POLLUT	9	2.3	1.5	1.7	0.6	0	0	0	70	32	102	0	70	0	0	300	20	492
SUBTOTAL	74	25.8	8.9	32.9	21.7	0	0	0	638	1083	1721	0	188	4	0	300	98	2312
SERIES 300																		
304 IMP BIO EFF FRT & V	33	8.5	7.6	15.1	13.4	0	0	0	212	1299	1511	0	0	2	0	0	0	1513
305 MECH PROD FRT & VEG	2	0.1	0.1	0.1	0.4	0	0	0	20	20	20	3	0	0	0	0	0	23
306 PROD MGMT SYS F & V	2	0.0	0.1	0.1	0.7	0	0	0	34	34	34	0	0	0	0	0	0	34
307 IMP BIO EFF FLD CRP	44	15.4	5.6	12.6	9.9	0	0	0	545	1297	1842	0	0	2	0	0	0	1844
308 MECH PROD FIELD CRO	1	0.1	0.0	0.1	0.0	0	0	0	0	0	0	3	0	0	0	0	0	3
309 PROD MGMT SYS FLD C	3	0.5	0.0	0.4	1.0	0	0	0	17	56	74	0	0	0	0	0	0	74
310 ANIMAL REPRODUCTION	19	6.5	5.4	9.7	6.9	0	0	0	66	904	970	0	0	0	0	0	0	970
311 IMP BIO EFF ANML PR	43	14.0	5.0	17.3	15.5	0	0	0	1083	1899	2982	0	0	1	0	0	0	2983
312 ENV STRESS IN ANML	2	0.9	0.7	0.4	0.5	0	0	0	62	0	62	0	0	1	0	0	0	62
313 PROD MGMT SYS ANML	9	3.8	3.0	2.8	2.9	0	0	0	99	383	481	0	0	0	0	0	0	481
315 IMP STRUC FARM SUPP	6	1.8	0.7	1.1	1.3	0	0	0	126	13	140	0	0	0	0	0	0	140
316 FARM BUSINESS MGMT	5	3.1	1.2	2.7	2.9	0	0	0	41	200	241	0	0	0	0	0	0	241
317 MECH/STRUCTS ANML P	1	0.3	0.0	0.1	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
318 NON-COH BIO TECH/BI	9	2.1	1.0	3.3	1.6	0	0	0	130	97	227	0	0	2	0	0	0	230
SUBTOTAL	179	56.9	30.2	65.7	56.7	0	0	0	2381	6203	8584	0	14	8	0	0	0	8605
SERIES 400																		
402 PROD F & V IMP ACCE	6	1.6	1.1	1.2	0.8	0	0	0	88	71	159	0	0	1	0	0	0	159
405 PROD FLD CROP IMP A	10	1.9	0.6	2.3	1.2	0	0	0	140	109	249	0	0	0	0	0	18	267
406 NEW IMP FOOD PLD CR	8	1.7	0.0	2.5	1.6	0	0	0	90	171	261	0	0	0	0	0	0	261
409 PROD ANML PR IMP AC	13	6.1	9.0	4.6	5.5	0	0	0	206	667	872	0	0	2	0	0	0	874
410 IMP MEAT MILK EGG P	1	0.2	0.1	0.5	0.1	0	0	0	0	29	29	0	0	0	0	0	0	29
411 IMP NON-FOOD ANMI P	1	0.2	0.0	0.0	0.1	0	0	0	0	69	69	0	0	0	0	0	0	69
412 MKT QUAL ANIMAL PRO	2	0.6	1.0	2.1	0.5	0	0	0	10	112	122	0	0	0	0	0	0	122
SUBTOTAL	41	12.2	11.7	13.2	9.7	0	0	0	533	1228	1762	0	0	3	0	0	18	1782
SERIES 500																		
503 MKTG EFF AGRI PRCD	3	1.2	0.2	0.5	1.0	0	0	0	94	0	94	0	0	0	0	0	0	94
506 SPLY DEMAND AND FRI	1	1.0	0.2	0.7	0.8	0	0	0	51	51	51	0	0	0	0	0	0	51
508 DOMESTIC MKT DEVELP	1	0.2	0.2	0.0	0.0	0	0	0	5	5	5	0	0	0	0	0	0	5
509 PERFORMANCE MKTG SY	1	0.0	0.0	0.0	0.0	0	0	0	2	2	2	0	0	0	0	0	0	2
510 GROUP ACT MKT POWER	2	0.6	0.0	0.0	0.0	0	0	0	3	30	33	0	0	0	0	0	0	33
511 IMP AGRIC STATISTIC	2	0.3	0.5	0.3	0.6	0	0	0	7	42	49	0	0	0	0	0	0	49
SUBTOTAL	10	3.3	1.0	1.5	2.4	0	0	0	105	128	233	0	0	0	0	0	0	233
SERIES 700																		
701 TOX RES IN FOOD	9	4.2	2.9	3.2	5.6	0	0	0	75	384	459	0	0	0	0	0	0	459
702 FOOD PROT FROM TCX	9	2.1	2.7	2.5	3.2	0	0	0	113	102	214	0	0	0	0	0	0	214
703 FOOD CONSUMP HABITS	35	10.9	6.3	9.4	10.4	0	0	0	555	555	1111	0	0	1	0	0	0	1111
704 HOME COHM FOOD SERV	3	0.1	0.2	0.1	0.1	0	0	0	5	13	18	0	0	0	0	0	0	18
705 SEL CARE CLOTH & TE	7	2.2	2.7	0.7	1.5	0	0	0	72	87	159	0	0	2	0	0	0	160
708 HUMAN NUTRITION	52	20.4	8.0	23.6	14.0	0	0	0	609	1249	1858	0	0	2	0	0	0	1860
709 REDUCE HAZ HLTH & S	4	3.1	1.4	0.9	0.8	0	0	0	173	97	270	0	0	0	0	0	0	270
SUBTOTAL	119	42.8	24.2	40.5	35.7	0	0	0	1602	2487	4089	0	0	4	0	0	0	4093
SERIES 800																		
801 RURAL HOUSING	6	10.8	100.6	1.2	1.2	0	0	0	126	42	168	0	0	1	0	0	0	170
802 INDIV & FAM DEC MAK	21	7.5	4.0	5.3	4.7	0	0	0	191	675	866	0	0	2	0	0	0	868
803 RURAL POVERTY	22	7.1	7.8	9.5	10.8	0	0	0	102	812	914	0	0	1	0	0	0	915
804 ECON POTENT RURAL PE	20	8.0	2.2	4.2	2.0	0	0	0	152	270	422	0	0	0	0	0	0	422
805 COMMUNICAT RURAL PE	15	4.4	4.1	2.2	3.2	0	0	0	131	563	694	0	0	0	0	0	0	694
806 ADJUSTMENT TO CHANG	19	3.8	4.9	4.4	3.5	0	0	0	218	119	337	0	0	4	0	0	0	341
807 AGRIC ECONOMIC CHAN	7	1.1	1.0	0.6	2.2	0	0	0	52	76	127	0	0	0	0	0	0	127
SUBTOTAL	110	42.6	124.5	27.3	27.5	0	0	0	971	2556	3528	0	0	8	0	0	0	3535
SERIES 900																		
901 ALLEV POLLUTION	24	16.2	12.9	12.6	9.0	0	0	0	383	916	1299	0	0	0	0	0	0	1299
902 OUTDOOR RECREATION	2	1.8	1.3	1.0	1.0	0	0	0	73	0	73	0	0	0				

**UNITED STATES DEPARTMENT OF AGRICULTURE
INVENTORY OF AGRICULTURAL RESEARCH
SAES REGION 1 NORTHEAST REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)**

TABLE IV-E-0 SUMMARY BY STATION OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

	NO OF PROJ	SYS	STAFF SUPPORT YEARS										OTH TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRF	OTH -ER	TOTAL
			PROF	TECH	OTHER	HATH	BRF	STEM	SP GT											
CONNECTICUT NEW HAVEN	54	36.5	0.0	22.1	6.1	449	91	81	0	0	621	3	39	1596	94	0	0	2352		
CONNECTICUT STORRS	71	27.8	30.2	2.6	22.9	449	236	27	19	32	764	0	0	1536	0	0	0	2300		
DIST OF COLUM WASHINGTON	4	0.0	0.0	0.0	0.0	58	13	0	0	0	71	0	0	0	0	0	0	71		
DELAWARE NEWARK	91	27.8	33.3	3.9	20.9	627	244	60	60	23	1014	16	14	1463	287	127	108	3029		
MASSACHUSETTS AMHERST	115	45.2	65.2	38.6	25.1	1058	418	121	63	24	1683	169	30	1615	26	76	174	3773		
MARYLAND COLLEGE PA	188	82.0	56.8	77.1	52.9	1207	429	127	24	80	1866	0	11	4323	381	63	0	6644		
MAINE OROMO	115	61.6	57.4	41.0	35.1	878	341	299	21	23	1562	718	338	1686	457	370	487	5618		
NEW HAMPSHIRE DURHAM	73	29.9	33.8	11.0	17.6	705	240	158	39	26	1168	0	6	821	123	0	0	2118		
NEW JERSEY NEW BRUNSW	302	99.3	102.2	79.7	54.9	1039	664	109	220	34	2066	229	723	8723	0	1072	1174	13989		
NEW YORK ITHACA	703	253.6	303.8	262.9	202.0	2314	660	67	366	237	3643	1106	6180	11255	2756	1211	3046	29198		
NEW YORK GENEVA	135	67.5	65.4	55.9	31.6	257	322	0	217	0	795	61	152	3574	169	317	286	5354		
PENNSYLVANIA COLLEGE PA	321	127.0	7.9	300.8	44.2	3141	798	259	479	131	4807	319	505	6442	0	1019	593	13685		
RHODE ISLAND KINGSTON	48	31.7	48.9	7.0	15.3	584	253	44	2	16	900	25	691	885	39	62	117	2719		
VERMONT BURLINGTON	70	27.5	15.0	38.2	9.5	754	217	0	80	18	1070	30	117	934	3	104	0	2257		
WEST VIRGINIA MORGANTOWN	103	35.2	26.1	19.7	33.8	1450	357	194	6	21	2028	82	64	1491	447	64	38	4213		
SUBTOTAL - SAES	2393	952.6	846.0	960.5	571.9	14970	5283	1546	1596	665	24058	2758	8870	46344	4782	4485	6023	97320		
DEL STATE COL DOVER	15	6.0	0.5	7.0	0.0	0	0	0	108	372	480	0	0	0	0	0	0	480		
JOHN HOPKINS BALTIMORE	1	2.4	0.0	0.0	0.0	0	0	0	0	16	16	0	118	0	0	0	78	212		
MD. STATE COL PRINCESS A	21	5.2	1.3	9.5	3.0	0	0	0	170	607	777	0	0	0	0	0	0	777		
NEW YORK YONKERS	2	0.5	1.0	0.0	0.0	0	0	0	38	0	38	0	0	0	0	0	18	55		
SUBTOTAL - OCI	39	14.1	2.8	16.5	3.0	0	0	0	316	995	1311	0	118	0	0	0	96	1524		
FORESTRY SCH SYRACUSE	137	47.8	56.3	41.4	4.3	0	0	207	5	0	212	547	915	2274	0	542	561	5052		
FORESTRY SCH BURLINGTON	10	4.7	0.9	6.9	1.8	0	0	176	0	0	176	12	7	176	21	0	25	417		
SUBTOTAL - PRSTY SCH	147	52.5	57.2	48.3	6.1	0	0	383	5	0	388	559	922	2450	21	542	586	5469		
TOTAL	2579	1019.2	906.0	1024.3	581.0	14971	5283	1918	1658	25758	3318	9909	48794	4794	5027	6697	104298			

SAES REGION 2 SOUTHERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-0 SUMMARY BY STATION OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

	NO OF PROJ	SYS	STAFF SUPPORT YEARS										OTH TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRF	OTH -ER	TOTAL
			PROF	TECH	OTHER	HATH	BRF	STEM	SP GT											
ALABAMA AUBURN	222	143.2	97.3	111.1	247.2	2149	553	315	69	150	3236	434	519	6702	3310	397	517	15115		
ARKANSAS FAYETTEVILLE	295	113.8	244.0	68.4	172.4	1855	487	294	421	61	3118	164	436	10481	290	515	809	15813		
FLORIDA GAINESVILLE	674	372.8	118.5	548.7	410.2	1444	440	252	226	99	2460	868	2102	31779	743	2068	703	40725		
GEORGIA ATHENS	370	167.0	75.4	283.4	318.9	2344	772	335	169	77	3696	556	462	16689	0	278	1231	22913		
KENTUCKY LEXINGTON	213	120.8	128.7	124.1	193.1	2664	552	208	57	101	3582	0	55	7702	0	0	0	11339		
LOUISIANA BATON RCUG	503	204.5	0.0	0.0	0.0	1686	462	210	62	123	2542	194	197	15052	2707	1010	270	21971		
MISSISSIPPI STATE COLL	279	180.4	54.6	127.3	299.2	2252	655	318	100	76	3402	926	478	10815	2310	487	1696	20114		
NORTH CAROLINA RALEIGH	532	235.3	407.5	368.5	244.0	3547	793	312	357	163	5172	807	2237	19992	961	1404	1685	32257		
OKLAHOMA STILLWATER	270	88.4	54.6	121.3	15.8	1625	398	171	109	166	2470	552	673	4456	1089	490	347	10078		
PUERTO RICO RIO PIEDRA	88	95.6	29.8	61.5	54.5	2470	494	0	31	62	3057	0	289	4486	1157	0	13	9002		
SOUTH CAROLINA CLEMSON	283	89.4	48.2	116.6	209.7	1871	457	0	35	45	2409	203	0	9508	0	0	0	12119		
TENNESSEE KNOXVILLE	205	125.8	128.1	64.1	213.7	2619	566	222	131	80	3619	51	2467	5712	3186	344	191	15571		
TEXAS COLLEGE ST	571	273.6	122.7	330.8	479.6	3324	806	140	354	385	5009	835	633	18885	2048	4151	0	31562		
VIRGINIA BLACKSBURG	288	158.8	65.6	407.5	146.0	2251	518	273	78	109	3229	1071	2124	9808	2	1526	2153	19913		
VIRGIN ISLANDS ST. THOMAS	10	4.5	1.0	1.0	8.7	152	92	0	2	0	247	0	0	67	0	0	0	313		
SUBTOTAL - SAES	4803	2373.9	1576.0	2734.3	3503.9	32253	8045	3050	2201	1697	47248	6661	12672	172134	17803	12670	9615	278805		
ALA TUSKEGEE TUSKEGEE	58	18.3	13.1	37.5	12.4	0	0	0	380	1068	1448	0	0	0	0	0	0	1448		
ALA A&M NORMAL	30	8.3	0.0	10.0	1.1	0	0	0	368	1063	1431	0	0	0	0	0	0	1431		
ARK A & M PINE BLUFF	30	12.1	12.9	2.1	9.0	0	0	0	363	844	1207	1	0	39	0	0	0	1246		
FLORIDA A&M TALLAHASSEE	12	12.7	7.3	4.8	8.9	0	0	0	13	699	712	0	0	0	0	0	0	712		
FT. VALLEY COL PORT VALLE	34	8.2	6.0	15.6	18.0	0	0	0	378	1129	1508	0	0	0	0	0	0	1508		
KY STATE COLL FRANKFORT	26	15.8	0.7	19.9	3.6	0	0	0	432	1094	1526	0	0	0	0	0	0	1526		
SOUTHERN UNIV BATON RCUG	24	9.1	2.6	14.7	10.5	0	0	0	365	762	1127	0	0	0	0	0	0	1127		
ALCORN A&M LORNAH	19	6.0	4.3	14.7	8.9	0	0	0	597	867	1464	0	0	0	0	0	0	1464		
AG TECH NC GREENSBORO	45	33.3	111.9	29.6	18.4	0	0	0	602	1593	2195	0	0	0	0	0	0	2195		
LANGSTON UNIV LANGSTON	18	14.5	10.5	10.8	15.0	0	0	0	359	806	1165	0	0	0	0	0	0	1165		
SC STATE COLL ORANGETBURG	21	14.0	1.0	3.8	3.4	0	0	0	487	738	1225	0	0	0	0	0	0	1225		
TENN A&M IND NASHVILLE	36	15.6	14.5	5.8	14.5	0	0	0	624	1149	1773	0	0	0	0	0	0	1773		
PRAIRIE VU A&M PRAIRIE VI	16	15.2	30.7	11.9	10.9	0	0	0	885	1529	2414	0	0	0	0	0	0	2414		
VA STATE COLL PETERSBURG	26	14.8	1.4	10.9	31.2	0	0	0	608	1027	1636	0	14	0	0	0	0	1649		
SUBTOTAL - OCI	395	197.9	216.9	192.1	166.6	0	0	0	6461	14368	20831	1	14	39	0	0	0	20883		
FORESTRY SCH RUSTON	7	3.4	0.1	0.7	0.0	0	0	87	0	0	87	0	0	128	0	0	0	215		
FORESTRY SCH CLEMSON	81	13.8	5.7	18.1	14.8	0	0	261	0	0	261	36	46	663	281	12	115	1413		
FORESTRY SCH NACOGDOCHE	25	5.0	3.7	4.0	0.8	0	0	141	0	0	141	169	0	221	0	12	0	543		
SUBTOTAL - PRSTY SCH	113	22.2	9.5	22.8	15.6	0	0	489	0	0	489	205	46	1012	281	24	115	2171		
TOTAL	5311	2594.0	1802.4	2949.2	3686.1	32253	8045	3539	8663	16066	68565	6867	12733	173185	18085	12695	9731	301861		

SAES REGION 3 NORTH CENTRAL REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-0 SUMMARY BY STATION OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

	NO OF PROJ	SYS	STAFF SUPPORT YEARS							HCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHR	HATH	RRP													
ILLINOIS URBANA	316	150.7	298.4	72.3	169.4	2837	663	93	136	229	3959	443	890	7465	2006	1092	396	16250		
INDIANA LAFAYETTE	375	187.4	78.5	202.2	336.0	2570	602	167	289	131	3758	666	3178	9585	3733	1500	1237	23658		
IOWA AMES	384	126.4	268.9	79.8	161.6	2668	845	107	325	427	4372	1496	1617	8710	1106	4538	0	21839		
KANSAS MANHATTAN	514	191.5	257.0	153.7	66.2	1679	555	88	56	217	2596	454	1287	9512	3427	3432	59	20766		
MICHIGAN LANSING	436	176.5	161.8	144.7	77.0	2627	589	95	428	155	3894	1142	1929	11808	990	1851	1179	22793		
MINNESOTA ST PAUL	343	149.5	141.2	106.0	195.6	2531	587	247	355	272	3992	1353	937	16731	0	1464	914	25392		
MISSOURI COLUMBIA	231	115.2	240.7	101.6	166.5	2472	524	218	198	189	3602	537	1058	7035	1862	441	718	15253		
NORTH DAKOTA FARGO	261	116.2	84.0	117.0	39.3	1168	395	38	79	85	1765	150	333	8888	1194	538	618	13483		
NEBRASKA LINCOLN	269	138.1	154.7	322.6	250.3	1542	595	66	216	208	2627	779	920	8892	10197	904	232	24550		
OHIO WOOSTER	337	121.3	52.0	245.9	0.0	3105	636	191	558	149	4639	181	482	14533	0	0	0	19835		
SOUTH DAKOTA BROOKINGS	195	106.9	78.6	43.1	47.0	1190	399	86	31	114	1819	171	55	3581	0	251	465	6342		
WISCONSIN MADISON	504	157.7	420.8	82.8	83.6	2541	691	241	404	269	4146	676	6868	12063	0	2120	319	26191		
SUBTOTAL - SAES	4165	1737.4	2236.6	1671.7	1592.5	26930	7081	1637	3075	2445	41169	8048	19554	11880	32451	1518131	6133	236352		
LINCOLN UNIV JEFFERSON	16	10.0	7.3	5.8	7.5	0	0	0	301	1119	1420	0	0	0	0	0	0	1420		
SUBTOTAL - OCI	16	10.0	7.3	5.8	7.5	0	0	0	301	1119	1420	0	0	0	0	0	0	1420		
FORESTRY SCH CARBONDALE	20	4.6	2.8	0.3	0.2	0	0	96	0	0	96	6	15	139	0	0	0	257		
FORESTRY SCH ANN ARBOR	39	4.5	12.5	0.0	0.0	0	0	98	37	0	135	18	61	150	0	2	147	513		
FORESTRY SCH HOUGHTON	27	9.7	9.0	10.3	9.5	0	0	95	0	0	95	41	17	648	0	1027	0	1828		
SUBTOTAL - FRSTY SCH	86	18.8	24.3	10.6	9.7	0	0	289	37	0	326	65	93	937	0	1029	147	2598		
TOTAL	4267	1766.2	2268.2	1688.1	1609.7	26930	7082	1928	3413	3564	42917	8114	19647	119739	24515	19159	6281	240371		

SAES REGION 4 WESTERN REGION (INCLUDES SAES-FORESTRY SCH-OTHER INST)

TABLE IV-E-0 SUMMARY BY STATION OF 1980 FUNDS BY SOURCE - IN THOUSANDS OF DOLLARS

	NO OF PROJ	SYS	STAFF SUPPORT YEARS							HCIN STEN	SP GT	OTH CR	TOT CR	USDA CGCA	OTHER FED	STATE APPRO	PROD SALES	INDUS -TRY	OTH -ER	TOTAL
			PROF	TECH	OTHR	HATH	RRP													
ALASKA FAIRBANKS	29	9.9	0.3	20.7	7.6	586	94	145	4	10	838	0	17	2165	0	0	0	3021		
ARIZONA TUCSON	248	125.4	71.5	82.7	116.6	792	499	83	101	67	1542	1051	1158	8338	367	792	1187	14435		
CALIFORNIA BERKELEY	1222	548.0	1026.9	308.6	482.5	2298	1053	297	1009	323	4980	2457	10104	51593	291	4946	712	75084		
COLORADO FT COLLINS	203	133.6	146.0	104.3	54.2	1048	646	0	190	248	2131	1194	6110	5894	816	128	983	17257		
GUAM AGANA	19	8.7	4.0	1.0	12.5	366	76	0	4	0	447	0	0	309	0	0	0	755		
HAWAII HONOLULU	209	94.0	21.5	10.5	137.1	638	252	67	41	11	1008	135	564	5826	0	138	291	7962		
IDAHO MOSCOW	142	65.4	49.7	49.7	20.4	972	393	0	256	109	1730	28	197	4711	310	844	508	8328		
MONTANA BOZEMAN	189	82.7	57.1	65.0	142.6	927	440	0	101	108	1576	173	633	3216	2004	644	331	8576		
NEVADA RENO	100	37.2	29.2	19.4	18.7	576	241	51	32	37	937	169	122	2105	186	119	247	3885		
NEW MEXICO UNIV PAEK	140	61.0	50.5	86.0	39.1	822	265	134	318	49	1587	0	42	1870	23	504	0	4027		
OREGON CORVALLIS	338	145.8	128.1	138.0	52.2	1187	610	0	418	85	2300	375	4395	9853	1555	417	1142	20038		
UTAH LOGAN	185	75.0	43.9	39.1	20.7	726	454	91	86	62	1419	453	864	3690	489	343	204	7462		
WASHINGTON PULLMAN	328	133.6	107.4	195.8	208.4	1381	852	157	169	159	2718	857	2092	8879	2088	1660	759	19052		
WYOMING LARAMIE	76	42.4	11.9	12.1	13.1	676	351	82	25	30	1165	0	23	1217	0	7	60	2472		
SUBTOTAL - SAES	3428	1562.7	1748.0	1132.9	1325.7	21295	6226	1107	2754	1298	24378	6892	26321	109666	8129	10542	6424	192354		
CALIFORNIA NEWBURY PA	1	1.2	0.1	0.5	0.1	0	0	0	0	0	0	0	0	70	0	0	300	20	390	
SUBTOTAL - OCI	1	1.2	0.1	0.5	0.1	0	0	0	0	0	0	0	0	70	0	0	300	20	390	
FORESTRY SCH FLAGSTAFF	9	3.9	3.9	1.8	1.8	0	0	79	0	0	79	0	0	87	0	0	0	166		
FORESTRY SCH ARCATO	19	1.9	0.0	0.9	0.0	0	0	35	0	0	35	0	0	51	0	5	0	91		
FORESTRY SCH FT COLLINS	14	1.1	5.3	2.1	0.6	0	0	130	0	0	130	61	0	0	0	61	38	291		
FORESTRY SCH MOSCOW	118	32.4	58.1	17.8	0.0	0	0	229	0	0	229	601	755	1409	354	43	101	3490		
FORESTRY SCH MISSOULA	20	7.6	8.5	2.9	2.0	0	0	194	0	0	194	187	316	0	0	87	144	928		
FORESTRY SCH CORVALLIS	119	56.0	60.7	19.8	35.3	0	0	346	0	0	346	943	811	2276	59	240	6	4681		
FORESTRY SCH SEATTLE	19	55.8	17.7	13.1	13.6	0	0	187	0	0	187	470	1015	1215	0	276	1036	4199		
SUBTOTAL - FRSTY SCH	318	158.7	154.2	58.4	53.3	0	0	1200	0	0	1200	2262	2897	5038	413	712	1325	13846		
TOTAL	3747	1722.6	1902.3	1137.9	1379.1	22994	6226	2307	2753	1298	25578	9154	29291	114703	8549	11551	7776	206602		