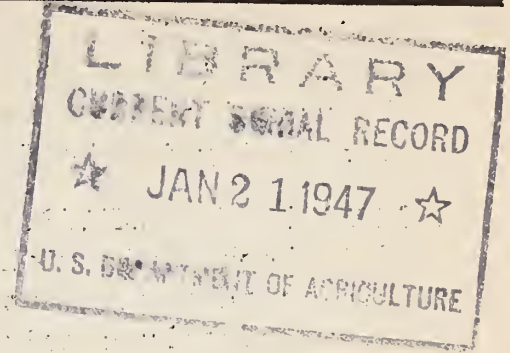




LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE



LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA

Vol. 6, No. 1

January 1947

NEW LIBRARY BOOKS

A FEW BRASS TACKS, by Louis Bromfield. 303 p. 1946. (280.12 B784) Mr. Bromfield is making no pretension at being a specialist in economics. He is merely thinking out loud, as it were, in a layman's effort to understand something of the increasingly complex world and to find some fairly simple fundamentals of reality that are underneath our mixed up economic and political troubles. He is concerned with wealth and with money, and the significance of each. His various experiences and observations in various lands have gradually lessened his respect for money as anything more than oil in the ball bearings of commerce. Real wealth is primarily the natural resources of a nation--its forests, its minerals, its oils, its agricultural land, the health, the vigor, the working capacity and the ingenuity of its people... The use and manipulation of government money can be basically effective only when money is used by government for investment in real wealth... For instance the conditions on which FSA lends money to farmers benefits the nation as well as the individuals... This book is earnest and interesting reading, and who is to say how much of it is idealism and how much of it is pragmatism?

TRAMPLING OUT THE VINTAGE, by Joseph A. Cocannouer. 221 p. 1945 (120 C64)
"I was born on a farm. I am old enough to remember the good old days of the horse and two-wheeled cart, and the dasher churn which I worked for hours to bring a ten-cent pound of butter. I still have calluses..." This book has the flavor of its subject--a stretch of forty years of agriculture as they have directly affected the author's own life. Agriculture has carried him from the Oklahoma sand hills to the ancient fields of China, and from the log school house to the agricultural department of a large university. When he describes the Tim Deeter family, or the hungry farm boy at a restaurant, he is describing symbols in the history of our agriculture. Without the vineyard to produce them, there can be no grapes of wrath, says Cocannouer in his preface, but the vineyard exists and the vintage is festering deep. The soil of the vineyard is poor, overworked, and eroded. Poor soils and vineyards of discontent are inseparable companions. America's soils are vanishing. Only when these soils are rebuilt will the vintage of bitter grapes in our agriculture be supplanted by that of sound and mellow fruit. Tending the vineyard properly is the task for America--today.

INFLATION AND THE AMERICAN ECONOMY, by Seymour E. Harris. 554 p. 1945 (284.3 H24I) This book is on the order of a textbook, and its two main purposes are: (1) to analyze thoroughly the factors making for and against wartime inflation in the U.S. in the period 1939-44 (2) to prescribe monetary-fiscal policies which are likely to be needed in the postwar period, particularly the longer run. It is the kind of source-book for the U.S. economy in wartime which will be useful to most economists, whether or not they agree with the prescriptions for policy in the future.

MICROBIOLOGY OF MEATS, by L. B. Jensen. 376 p. 2d edition, 1945 (448.2 J452) This book deals with the industrial microbiology of meat foods. The author explains that the meat-packing industry was well grown before laboratory aid was even remotely considered necessary for guidance and control of processing; that the microbiologist is a late comer; that the literature on microbiology of meat is comparatively meager; that this book makes no pretense to completeness on any subject. The material is not uninterestingly presented. Some of the chapters: Study of ham souring; Microbiology of beef; Microbiology of bacon; Action of microorganisms on fats; Post-mortem preservation of poultry quality; Bacteriology of spices, salt, sugar, paper, wood, and ice; etc.

COWPHILOSOPHY, by Mark Keeney. 275 p. 1944. Holstein-Friesian World (43 K25) 2d ed. The art of practical dairy practice, written by a dairyman--the man chosen to take charge of the selection of the foundation herd and its management at the county-owned Overbrook Hospital, New Jersey. While he has been working exclusively with Holsteins, the broad principles of his experience apply equally to all breeds of dairy cattle. He tells in plain everyday talk just how a thing is done; and there is a question-and-answer section of material which formerly appeared in the Holstein-Friesian World.

THE RING-NECKED PHEASANT AND ITS MANAGEMENT IN NORTH AMERICA, ed. by W. L. McAtee. 315 p. 1945 (413 M11R) Published by the American Wildlife Institute. Seventeen specialists have contributed to this very comprehensive volume, which contains reports from every part of North America to which the pheasant has become acclimated. The reports deal chiefly with the life history, food habits and habitat preferences of the birds and the steps that man can take to meet the requirements they impose. Hunting practices and artificial propagations are discussed and evaluated. It is interesting to note that all the authors seem to agree that wild predators have a negligible effect on pheasant population. Beautifully illustrated.

OUR LAND AND OUR LIVING, by John C. Caldwell, James L. Bailey, and Richard W. Watkins (members of the Tennessee State Conservation Dept., 1941) An attractive little book that tells the story of our good earth, of forests and people, of our wild-life resources, and of our buried treasures. School age readers will return through this book again and again, for the pictures, and for the facts which they will pick up. The adult too can pick up some facts he didn't quite know before.

THE CONSERVATION OF NATURAL RESOURCES, by H. Basil Wales and H. O. Lathrop. 534 p. 1944 (279.12 W14) A textbook for junior and senior high schools. "It is not the purpose of the authors to develop trained conservationists, but rather to give a broad understanding of the program and its application to our everyday living. It is hoped that students and others who read this book will become working conservationists in the sense that they become aware of the soundness of the conservation program, and that they are willing to work and use their influence to promote the idea." Illustrated.

CROPS, GRASSES, ETC.

PALATABILITY FOR SHEEP AND YIELD OF HAY AND PASTURE GRASSES. Oregon Agr. Exp. Sta. Bul. 431 (100 Or3B)

CRESTED WHEATGRASS HELPS REVEGETATE NORTHERN GREAT PLAINS. USDA Research Achievement Sheet no. 62, July 1946 (1.98 R31)

WHEAT AND BUFFALO GRASS, by A. W. Erickson, Minneapolis. 35 p. (59.26 Er4)

IDENTIFICATION OF BARLEY VARIETIES BY KERNEL CHARACTERS. Board of Grain Commissioners for Canada, 1945. Illustrated (59.21 C16)

FLAXSEED PRODUCTION IN MONTANA. Mont. Agr. Exp. Sta. Bul. 429 (100 M76B)

PRODUCE HIGH QUALITY HAY. Wyo. Agr. Ext. Serv. Circ. 85 (275.29 W99C)

HARVEST LEGUME SEED. Ark. Agr. Ext. Serv. Leaflet 33 (275.29 Ar4Le)

SOYBEANS: CERTAIN AGRONOMIC, PHYSICAL, CHEMICAL, ECONOMIC, AND INDUSTRIAL ASPECTS. 84 p. U. S. Bur. Agr. and Indus. Chem. AIC-74 (1.932 A2Ag82)

CULTIVATION OF MILKWEED. N. Dak. Agr. Exp. Sta. Tech. Bul. 333 (100 N813T)

BROMEGRASS AND ALFALEA FOR HAY, PASTURE, OR SILAGE. Wis. Ext. Serv. Cir. 344. (275.29 W75C)

COMPOSITION AND VITALITY OF QUACK GRASS ROOTS. N. Dak. Agr. Exp. Sta. Techn. Bul. 334. 16 p. (100 N813T)

ABILITY OF CERTAIN LEGUME-GRASS MIXTURES TO WITHSTAND GRAZING. New Mex. Agr. Exp. Sta. Press Bul. 1007. 2 p. (100 N465Pb)

LIVESTOCK

BEEF PRODUCTION ON THE FARM. USDA Farmers Bul. 1592 rev. 1946. (1 Ag84F)
(State if you desire packet of material on beef cattle--feeding, production, diseases, etc.)

GRASS AND LEGUME SILAGES FOR DAIRY CATTLE. Ill. Ext. Serv. Circ. 605 (275.29 IL62C) (State if you desire packet of material on silage & silos)

RESPONSE MADE BY YEARLING STEERS WINTERED AT DIFFERENT LEVELS TO SUMMER-LONG grazing or to early grazing followed by dry-lot feeding. Okla. Agr. Exp. Sta. Mimeo. Cir. M-155, Dec. 1945 (100 Ok4M)

SHORTHORNS FOR PROFIT. Canadian Shorthorn Assn., Ontario. 40 p. (43 C165)

SOCIAL BEHAVIOR, ORGANIZATION AND LEADERSHIP IN A SMALL FLOCK OF DOMESTIC SHEEP, by J. P. Scott (Comparative psychology monograph, no. 96) (45 Sco8S)

PREVENTION AND CONTROL OF CALF SCOURS. Idaho Ext. Circ. 91 (275.29 Id1C)

FOWL TYPHOID. USDA Circ. 755 (1 Ag84C)

GENERAL FARM INTERESTS

- THE OPERATORS' COST OF PRODUCING SOME FIELD CROPS IN CENTRAL MISSOURI. Mo.
Agr. Exp. Sta. Res. Bul. 399, Mar. 1946 (100 M693R)
- THE JEEP AS A SOURCE OF POWER AND TRANSPORTATION ON FARMS AND RANCHES IN TEXAS.
Tex. Agr. Exp. Sta. Bul. 679 (100 T31sb)
- CLEARING LAND OF BRUSH AND STUMPS, USDA Farmers Bul. 1526 rev. 1946 (1 Ag84F)
- FARM PONDS, for irrigation, for fish, for water for livestock, for recreation.
S. C. Agr. Ext. Circ. 276 (275.29 So8E) (State if you desire packet of
bulletin material on farm pond management and construction, etc.)
- BIN SEED CORN DRIER. Wis. Ext. Serv. Spec. Cir., Mar. 1946 (275.29 W75S)
- SHEEP DIPPING VATS. Wash. Agr. Ext. Serv. Min. Pub. 336 (275.29 W27Min)
- CARE AND OPERATION OF POTATO PLANTERS. Maine Agr. Ext. Serv. Bul. 329 (275.29
M281B)
- SETTING UP A ONE-WAY DISK FOR FITTING PASTURES. SCS (1.9607 Se7)
- COST OF OPERATING BEET HARVESTING MACHINERY IN NEBRASKA. Nebr. Agr. Ext. Cir. 880
(275.29 N272Ex)
- STUDY YOUR OWN FARM WORK METHODS. Ill. Agr. Exp. Sta. Agr. Econ. Mimeog. 36
(100 In2Faem)
- WEATHERPROOFING MICHIGAN HOMES. Mich. Ext. Serv. Bul. 272.. 21 p. (275.29 M58B)
- RAISE YOUR ROOF (Bulletins and plans developed for farmers may help you build
an emergency dwelling) BFISAE Div. of Farm Buildings and Rural Housing.
(1.265 F6R13)
- GRASSHOPPER CONTROL IN KANSAS. Kans. Ext. Serv. Circ. M-39 (275.29 K13Exm)
- THE COCKLEBUR - A SERIOUS WEED IN NEBRASKA. Nebr. Agr. Ext. Serv. Circ. 166.
(275.29 N272Ex)
- LAND OWNERSHIP TRENDS IN SOUTH DAKOTA 1929-1944. S. Dak. Agr. Exp. Sta. 12 p.
Sept. 1945 (282.079 Sc8)
- TYPICAL FAMILY-OPERATED FARMS, 1930-45, ADJUSTMENTS, COSTS, AND RETURNS. BAE
FM 55. 91 p. Apr. 1946 (1.941 L6F22)
- BUILDING WITH LOGS, USDA Misc. Pub. 579 (1 Ag84M)
- HOME MADE POST HOLE DIGGERS. Nebr. Agr. Ext. Serv. Agr. Engr. Inform. Ser. 22.
(275.29 N272Age)
- LOW-COST LABOR, POWER, AND MACHINERY SET-UPS FOR INDIANA FARMS. Ind. Agr. Exp.
Sta. Bul. 502 (100 In2Pb)

MISCELLANEOUS

- WHY THE LEAVES CHANGE THEIR COLOR. U. S. Forest Service. 2 p. (1.962 A2W623)
- WYOMING FISHES, by James R. Simcn. Wyo. Game and Fish Dept. Bul. no. 4, 1946.
- PROBLEMS OF EDUCATIONAL ASSISTANCE NEEDED IN COOPERATIVE MARKETING AND PURCHASING. National Council of Farmer Cooperatives, 1944 (280.2 B77)
- FISCAL AND MONETARY POLICY, by Beardsley Ruml. National Planning Assn. Pamphlet, no. 35. 1944 (280.9 N2153)
- RECOVERY IN EUROPE, by John Kenneth Galbraith. National Planning Assn. Pamphlet, no. 53. 1946 (280.9 N2153)
- KEEP OUR PRESS FREE! by Robert Cushman. Public Affairs Pamphlet no. 123. 1946. (280.9 P964)
- EUROPE'S UPROOTED PEOPLE. The relocation of displaced population. National Planning Assn. Pamphlet, no. 36. 1944 (280.9 N2153)
- CONTROLLING INFLATION. Kans. Agr. Exp. Sta. Agr. Econ. Rept. 28. 1945 (281.9 K152)
- SOME CONSIDERATIONS RELATING TO AGRICULTURE, DEPRESSION AND FULL EMPLOYMENT, by O. V. Wells. BAE. 1945 (1.941 F3W46) "Agriculture's interest in whether the years ahead are characterized by falling prices, shrinking markets and spreading unemployment as contrasted with stable prices and full employment is easily enough understood..."
- FARM INCOMES AND LIVING COSTS FOR CERTAIN KANSAS FAMILIES. 35 p. Kans. Agr. Exp. Sta. Bul. 327. 1945 (100 K13Sb)
- COOPERATIVE SEED MARKETING. 31 p. Farm Credit Adm. Misc. Rept. 87. 1945. (166.3 M68)
- PROMOTING PROSPERITY FOR ALL OHIO, by Jonathan Forman, of Friends of the Land and editor of Ohio State Medical Journal. 19 p. (281.067 F76) Extension of remarks made in the presentation of an agricultural program to executives of Ohio trade associations, Sept. 14, 1945. It presents in concise and forceful fashion a program whereby civic and urban groups can, through enlightened self-interest and economic action, participate toward a national prosperity based on a sound agriculture.
- THE STORY OF BEET SUGAR FROM THE SEED TO THE SACK. Farmers and manufacturers beet sugar assn. 14 p. (66 F22 Ed. 6)
- FLOOD CONTROL BILL OF 1946. HEARINGS on H. R. 6597, April and May 1946.
- USE OF MEDICAL SERVICES IN RURAL MISSOURI. Mo. Agr. Exp. Sta. Res. Bul. 400 (100 M693R)
- ANNUAL REPORT OF WYOMING AGRICULTURAL EXPERIMENT STATION, Laramie, 1943-44. (100 W99A)

NOTES

THIS IS A GOOD SEASON to get acquainted with THE LAND. We mean the quarterly magazine of that name. The first eight numbers are now bound into a volume, which we can lend you for two weeks' browsing.

LET IT NOT BE SAID OF US that we didn't tell you. Recently one of our patrons of the BPI persuasion came in to say he'd just heard about the Bibliography of Agriculture and wanted to examine the set. At the risk of repetition, and for those of you who may still be looking for a publication to keep you up to date on the material published in your particular line of work, we would call your attention to this monthly listing of new material on agricultural subjects--government bulletins, experiment station publications, periodical articles, and commercial books and pamphlets--a review of the new titles which have been added to the shelves of the Dept. of Agriculture Library in Washington. Even the library call numbers are listed. So--these are the resources at your command for the mere filling out of a library request slip (AD-245). Use the index in the back of each issue to find your subject quickly. If your office is not on the mailing list for this publication we shall be glad to circulate it to you regularly.

PLEASE do not turn your library book over to someone else to read and return. Recently we had to have a patron pay for replacement of a book where this was the case. Months later the book was returned to us by another person from the original borrower's office.

Some PERIODICAL ARTICLES pertaining to this region:

"The Northern Great Plains as Producer of Wheat," by Ralph E. Ward. Economic Geography, October, 1946. p. 231-234.


"Physical Aspects of the Laramie River Dispute," by Clark N. Crain. Economic Geography, October, 1946, p. 280-288.

"Effect of Nitrogen Fertilizer on Bromegrass in Kansas," Journal of the American Society of Agronomy, December 1946.

"Grass Establishment and Development Studies in Morton County, Kansas," by Donald R. Cornelius and M. Donald Atkins. Ecology, October, 1946. p. 342-353.

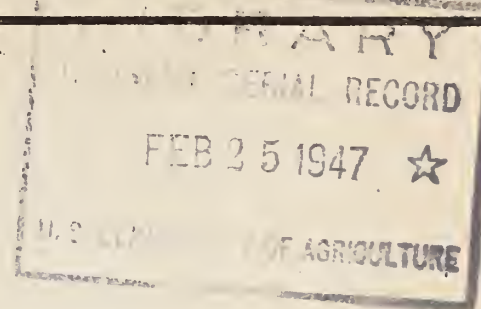
NEW PERIODICAL SUBSCRIPTIONS: We have added the following periodicals for 1947. Let us know if you wish to receive any of these on circulation; American Fertilizer; Consumers Research Bulletin; Farm Quarterly; Rural Electrification; Surveying and Mapping; Timberman; West Coast Lumberman; What's New In Home Economics.

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Vol. 6, No. 2

February 1947

NEW LIBRARY BOOKS

ENOUGH AND TO SPARE, by Kirtley F. Mather. 186 p. (280 M423) This little book takes a look at the earth's long past and present to judge what it promises for man's future. Professor Mather finds that the earth's non-renewable resources (coal, oil, iron, etc.) and its renewable resources (water-power, etc) are "enough and to spare" for generations to come. Man's trouble, says this geologist, is ignorance. The earth's human population is not increasing faster than there are means for sustaining it. The politician, the business man--even the teacher--have not known that we do not need to scramble and to have wars in order to survive. Cooperation, not competition, is the key to survival. The book covers rather broadly the geological resources of the world, the renewable resources from farm and forest, trends and probable future maximum population.

THE PEOPLE'S FORESTS, by Robert Marshall. 233 p. (99.71 M35P) Mr. Marshall is strong for the idea that private forestry is a failure and our forests should be nationalized, that is owned (purchased) and operated by the government.

TEXTBOOK OF OFFICE MANAGEMENT, by W. H. Leffingwell and E. M. Robinson. 446 p. 2d edition, 1943 (249.2 L52) This book recognizes the pressing need for swift, sure-footed attack, for clear thinking, and for positive, intelligent action on the part of office managers. It is planned to help such a person to know; how to analyze the office requirements of the organization he is serving; how to plan and lay out the work to be done; how to select and assign competent office workers to do the work; how to direct and instruct them in their duties; how to control all the office operations for which he is responsible; how to control and keep down the expense of all these items.

MANUAL OF AQUATIC PLANTS, by Norman C. Fassett. 382 p. 1940 (455.2 F26) For the identification of aquatic plants in sterile as well as in flowering or fruiting condition. For the purposes of this book the author has defined an aquatic as a plant that may, under normal conditions, germinate and grow with at least its base in the water and is large enough to be seen with the naked eye. Illustrated.

SOIL SCIENCE SOCIETY OF AMERICA PROCEEDINGS, 1945. 263 p. (56.9 So3 v. 10)
A few of the papers included are as follows. (1) Soil technology: The agronomic use of power machinery; Fully mechanized farming on the agronomic unit basis; The pedologic aspect of working the land--plowing; Waterproofing cohesive soils by resinous treatment. (2) Forest soils: Effect of fertilizer treatment on field-planted spruce; Mineral nutrient content of the foliage of forest trees on three soil types of varying limestone content; What is mull soil? (4) Soil fertility: Some factors affecting the accuracy of soil sampling; The influence of soil aeration on the growth and absorption of nutrients by corn plants; Nutrient status of soils in commercial potato-producing areas of the Atlantic states. (5) Soil cartography: The soil survey from the horse-and-buggy days to the modern age of the flying machine; Application of soil science in terrain intelligence studies. (6) General: Soil as a factor in the future of the Great Plains agriculture.

(The library also has the preceding volumes of the above Proceedings. On your request slip please state whether we may send you some other volume if 1945 is already out on loan)

PANDORA'S BOX; THE STORY OF CONSERVATION, by Marian E. Baer. 292 p. 1939.
(279.12 B14) Instructive and interesting reading for young people becoming interested in our country's basic agricultural and soil and wildlife situation.

VETERINARY BACTERIOLOGY, by I. A. Merchant. 683 p. Iowa State College Press, 3d edition, 1946 (448.2 M53) A textbook serving as an introduction of bacteriology in veterinary medicine and emphasizing the general morphological and physiological characteristics of bacteria. Concerned primarily with the species of bacteria, yeasts, molds, and filtrable viruses which are pathogenic to animals. Intended for undergraduate students, and of value to research workers and livestock disease control officials.

THE USEFUL SOYBEAN; A PLUS FACTOR IN MODERN LIVING, by Mildred Lager. 290 p. 1945.
(389.1 L13) During the last twenty-five years soybeans have mushroomed from an almost unknown forage crop to one of our important cash crops, vital in the fields of agriculture, commerce, nutrition, and industry. Miss Lager's interest in soybeans and soy products is chiefly nutritional--she has experimented with soy as a food, secured various soy products for special diets, made up recipes, and has taught the use and cooking of soybeans when they were practically unknown. The first half of the book is devoted to the history of the crop, the uses of the bean, statistics and general facts. The latter half of the book is devoted to recipes.

SCIENCE YEAR BOOK OF 1946, ed. by J. D. Ratcliff. 245 p. (330.9 Sci22)
This 5th annual volume provides a means of keeping up with the vast progress scientists here and abroad are making. The editor has chosen his articles from unimpeachable sources and with an eye for clarity and readability. Includes articles on atomic power, from Time, and from various McGraw-Hill magazines; articles on radar, from Fortune. Articles on medicine cover cancer and heart disease, the newly discovered Rh factor in blood which explains transfusion accidents. Agricultural articles are from Harpers, Country Book Magazine, Collier's, etc. Aviation, long-range weather forecasting, etc. are represented.

FORESTRY

LOGGING AND THE PRODUCTION OF LUMBER. U. S. Forest Service (K-16) 3 p. (1.962 A2L82)

RESULTS OF DIRECT SEEDING PONDEROSA PINE, by A. E. Helmers. Northern Rocky Mountain For. and Range Exp. Sta. Research Note 46 (1.9622 N3R31)

PRUNING WOUND HEALING ON WESTERN WHITE AND PONDEROSA PINES, by A. E. Helmers. Northern Rocky Mountain For. and Range Exp. Sta. Research Note 45 (1.9622 N3R31)

ESTIMATING LIGHT INTENSITY IN RESIDUAL STANDS IN ADVANCE OF CUTTING, by C. A. Wellner. Northern Rocky Mountain For. and Range Exp. Sta. Research Note 47 (1.9622 N3R31)

GENERAL FARM INTERESTS

FARM MANAGEMENT MANUAL, by V. B. Hart, of Cornell Dept. of Agri. Economics. 84 p. 1946 (281.12 H25) Prepared for the use of agricultural and homemaking extension workers and teachers who may be called upon to answer or discuss many important questions on the organization and management of farm businesses. A brief guide.

HOW TO KEEP AN ACCOUNT WITH A CROP. Va. Ext. Service (275.29 V81C no. 339)

FARM AND HOME FINANCIAL PLANNING. USDA Misc. Pub. no. 599 (1 Ag84M)

COSTS IN OWNING AND OPERATING FARM IMPLEMENTS AND MACHINERY. Ky. Exp. Sta. Bul. 484 (100 K41B)

IMPROVING FARM AND RANCH TENURE IN THE NORTHERN PLAINS. Mont. Exp. Sta. Bul. 436 (100 M76B)

SEPTIC TANK SEWAGE DISPOSAL SYSTEMS. Colo. Ext. Serv. Bul. 390-A (275.29 C71E)

MARCH OF MECHANIZATION OF SUGAR BEET PRODUCTION IN IDAHO. Idaho Exp. Sta. Circ. 111 (100 Id1C)

CHOOSING DRAIN TILE TO FIT YOUR SOIL. Minn. Ext. Folder 141 (275.29 M66Ex)

SAFE WATER FOR THE FARM. USDA Farmers' Bul. 1978 (1 Ag84F) Discusses sources, quantity, softening, filtering, pumps, dug wells, windmills, storage, etc.

FARM AND HOME UNDERGROUND STORAGES MADE OF STEEL. Ohio Exp. Sta. Spec. Circ. 72. (100 Oh3S)

HARVESTING NATIVE HAY IN THE MOUSE RIVER VALLEY OF NORTH DAKOTA. BAE Farm management series, no. 62 (1.941 L6F22) Tables and descriptive material re methods of stacking; stacking days required to put up hay by diff. methods; man labor requirements per acre; time saved by mechanical power compared with horse-drawn machinery, etc.

AN AUTOMATICALLY HEATED STOCK WATERING TROUGH. Nebr. Agrl. Eng. Progress Rept. no. 15 (100 N27A)

IMPROVED GRAIN BINS FOR LONG-TIME STORAGE. USDA Research Achievement Sheet no. 64 (1.98 R31)

DDT--SUGGESTIONS FOR ITS USE. N. C. Ext. Serv. Circ. 291 (275.29 N811)
(State if you desire packet of bulletins and periodical material on DDT)

BETTER HATCHING EGGS FOR BETTER BROILERS. Del. Ext. Circ. 50 (275.29 D37C)

CROPS, TILLAGE, ETC.

- MEADOW FOXTAIL. Oregon Exp. Sta. Bul. 433 (100 Or3B)
- VETCH IMPROVES SOIL FERTILITY IN EAST TEXAS. Tex. Exp. Sta. Progress Report, no. 1024 (100 T31P)
- WHEAT STUDIES OF THE FOOD RESEARCH INSTITUTE, Stanford University. Three nos. by V. P. Timoshenko on variability in wheat yields and outputs and inter-regional correlations in wheat yields and outputs. (59.8 F73)
- MINERAL CONSTITUENTS AND PROTEIN CONTENT OF CERTAIN GRASSES AND LEGUMES GROWN IN PURE STANDS ON THREE SOIL TYPES. Va. Exp. Sta. Techn. Bul. 102 (100 V81st)
- EFFECT OF FERTILIZERS AND LIME ON YIELD, PROTEIN CONTENT, AND PHOSPHORIC ACID CONTENT OF PASTURE FORAGE. Tex. Exp. Sta. Progress Rept. 1039 (100 T31P)
- PERFORMANCE OF CORN HYBRIDS IN INDIANA, 1937-1944 (100 In2Pb no. 511)
- THE OHIO CORN PERFORMANCE TESTS: 1943 and 1944 (100 Oh3Ss no. 71)
- CORN FERTILIZATION STUDIES IN 1945. N. C. Exp. Sta. Agronomy Inf. Circ. 142, (100 N81Aic)
- PLACEMENT OF NITROGEN FERTILIZER FOR CORN AND OATS. Miss. Exp. Sta. Service Sheet no. 400 (100 M69)
- PROGRESS REPORT ON TILLAGE METHODS IN PREPARING LAND FOR CORN. Ohio Agronomy Mimeograph 102 (100 Oh32)
- EFFECTS OF SOIL, SOIL TREATMENT, SEASONAL VARIATION, AND VARIETY ON YIELD AND COMPOSITION OF CORN CROPS GROWN ON KENTUCKY SOIL FERTILITY PLOTS. Ky. Exp. Sta. Bul. 485 (100 K41B)
- DON'T PLOW CORN--Cultivate it very shallow. N. C. Extension Folder 65 (275.29 N81Ex)
- GROWTH AND RUBBER ACCUMULATION IN GUAYULE AS CONDITIONED BY SOIL SALINITY AND IRRIGATION REGIME. USDA Techn. Bul. 925 (1 Ag84Te)
- TREBI BARLEY--YIELD AND FEEDING VALUE. N. D. Ext. Circ. 98. 1931 (275.29 N812)
- SEEDING ARID RANGES TO GRASS, WITH SPECIAL REFERENCE TO PRECIPITATION. Utah. Exp. Sta. Circ. 122 (100 Utlc)

LIVESTOCK

- LAMB-FEEDING EXPERIMENTS. Cornell Exp. Sta. Bul. 834 (100 N48Cb) (State if you desire packet of material on sheep raising in general)
- FACTORS AFFECTING PRODUCTIVITY IN BREEDING SHEEP. Minn. Exp. Sta. Techn. Bul. 174 (100 M66T)
- STARTING AND GROWING RATIONS FOR TURKEYS. Purdue Exp. Sta. Bul. 517 (100 In2Pb) (State if you desire packet of material on raising turkeys)
- TURKEY COST STUDY. Ill. Ext. AE series, no. 2401 (275.29 IL62P)
- THE USE OF UNPROVED SIRES. Ohio Exp. Sta. Spec. Circ. 73 (100 Oh3Ss)
- RABBIT PRODUCTION. USDA Farmers' Bul. 1730, revised 1946 (1 Ag84F)
- SOME EFFECTS OF BREEDING EWE LAMBS. N. D. Exp. Sta. Bul. 285 (100 N813B)

MISCELLANEOUS

- WHAT DO YOU KNOW ABOUT BLINDNESS. Public Affairs Pamphlet no. 124 (280.9 P964)
- MEDICAL CARE AND HEALTH SERVICES FOR FARM FAMILIES OF THE NORTHERN GREAT PLAINS. Proceedings of the Subcommittee on health of the Northern Great Plains Council during a conference held at the University of Nebraska, May 1945. 84 P.
- MEDICAL CARE AND HEALTH FACILITIES IN NORTH DAKOTA. Report of the N. D. State Health Planning Committee, March 1945. 41 p. (448 N814)
- AN ECONOMIC STUDY OF THE HISTORY, STATUS AND OPERATION OF AGRICULTURAL COOPERATIVES IN INDIANA. Purdue Exp. Sta. Bul. 518 (100 In2Pb)
- PUBLICATIONS ON AGRICULTURAL COOPERATION. Farm Credit Adm. Circ. A-23, rev. 1946. (166.2 C4922)
- FEDERAL LEGISLATION, RULINGS, AND REGULATIONS AFFECTING THE STATE AGRICULTURAL EXPERIMENT STATIONS. USDA Misc. Pub. 515, rev. 1946 (1 Ag84M)
- CONSUMPTION AND TRENDS IN THE USE OF FERTILIZER in the year ended June 30, 1944. USDA Circ. 756, Nov. 1946 (1 Ag84Te)
- AGRICULTURAL RESEARCH IN SOUTH DAKOTA. Annual Report of the Experiment Station, 1945/1946 (100 So82A 59th)
- NORTH DAKOTA WEATHER AND RURAL ECONOMY, by J. M. Gillette. N. D. Univ. Dept. of Soc. and Anthropol. Bul. 11 (281.065 G41) Includes chapters on Wheat yields; Nature's way of disposing of precipitation; North Dakota temperature; Problems of control and adjustment in Great Plains.
- THE NATIONAL SCHOOL LUNCH PROGRAM. PMA. 2 p. (1.956 A2N212)
- PERSONNEL ADMINISTRATION PUBLICATIONS. A list of readings recommended by the USDA Office of Personnel--publications which are available through the USDA Library and its branches. Jan. 1947 (1.916 L612)
- AGRICULTURAL OUTLOOK CHARTS, 1947. Book 1. BAE, Oct. 1947. (1.9 Ec7AgrCh) Wheat, feed, population; food, livestock and meat, wool, real estate, etc.
- MONTANA'S PRODUCTION, 1930-1946. Mont. State Univ. Bureau of Business Research, Missoula, Bul. no. 10. 60 p. (252.49 M76M) Covers Agriculture, Lumbering, Mining, Industry & Commerce. Consists of graphs and tables.
- SOIL CONSERVATION IN KANSAS. Report of the Kansas State Board of Agriculture, Feb. 1946. 199 p. (2 K13R)
- SOUTH DAKOTA DEPT. OF AGRICULTURE ANNUAL REPORT for fiscal year ending June 1945. 163 p. (2 S68)
- REPORT OF THE SECRETARY OF AGRICULTURE, USDA, 1946. 174 p. (1 Ag84)
- REPORT OF CHIEF OF SOIL CONSERVATION SERVICE, 1946. 65 p. (1 Ag84)
- NATURAL RESOURCE PROBLEMS. ANNUAL REPORT OF THE SECRETARY OF THE INTERIOR, 1946. 442 p. (156 An7) Includes Bureau of Reclamation, Grazing Service; Fish and Wildlife, Southwestern Power Administration; Office of Land Utilization; etc.
- REPORT OF THE DIRECTOR OF PERSONNEL, USDA, 1946. 16 p. (1 Ag84)
- REPORT OF COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS, 1946. USDA Extension Service. 38 p. (1 Ex 892R)

HOME ECONOMICS

HOME CANNING PROCESSES FOR LOW-ACID FOODS. Developed on the basis of heat penetration and inoculated packs. USDA Techn. Bul. 930 (1 Ag84Te)

MAKING BREAD AT HOME. Va. Ext. Circ. 385 (275.29 V81C)

YEAST BREADS. Okla. Ext. Serv. Circ. 425 (275.29 Ok41C)

NUTRITION FOR YOU! By Walter Wilkins and French Boyd. 1943 (389.1 W65)

NOTES

FOR A QUICK REVIEW of 1946 agricultural prosperity in Montana, North and South Dakota, see the January issue of the Monthly Review of Agricultural & Business Conditions (9th Federal Reserve Bank District publication)

* * *

HOW LONG will western agriculture continue to grow? What effect will more irrigation have upon agricultural output, and what will be the effect of growth of western population upon markets for western agricultural commodities? The Bureau of Reclamation and the Bureau of Agricultural Economics have together issued a publication called Longterm Outlook for Western Agriculture, by Marion Clawson and Wendell Calhoun, which deals with the general land use, production, and demand situation in eleven western states, with emphasis on California but including Montana and Wyoming. This report is an outgrowth of the Central Valley Project Studies.

* * *

IF YOU'D LIKE A VOLUME of Journal of Farm Economics to see what's of interest therein, send us your request. For instance the 1945 bound volume contains such articles as: "Major Shifts in World Agriculture," "Postwar Land Settlement Opportunities in the Northern Great Plains," "Thirty Years of Farm Financial and Production Records in Illinois," "Regional Research in Agricultural Marketing," and "Land-Grant College Post-War Agricultural Policy." Please state whether you specifically want the 1945 volume or whether we may substitute another if that one is out.

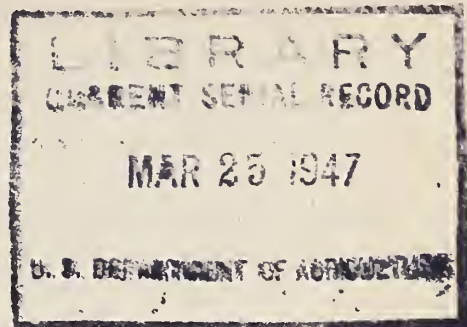
* * *

NEW PERIODICAL: Federal Science Progress, published by U. S. Dept. of Commerce. February 1947 is v. 1, no. 1. Business and Government have had an active partnership in scientific and technical work for many years. "This is a magazine for the business man. It is published to bring him, each month, a report on the scientific and technical activities of his Government. Government research files are bulging with reports; this magazine proposes to skim the cream from this mass of material... food processing, packaging, prospecting, transportation... It will report Government's activities which make his air travel safer, hasten the transportation of his products overseas and improve his highways over which his trucks and his private car travel... It will be more of a guidebook than manual; reports on civilian activities will be descriptive rather than technical..." The first issue contains articles on aerial soil surveys; teaching with models; weather forecasting; solar heating. Let us know if you wish to be placed on circulation for the magazine.

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LIBRARY NEWSLETTER

U. S. DEPARTMENT of AGRICULTURE



LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA

Vol. 6, No. 3

March 1947

NEW LIBRARY BOOKS

IT HAPPENED IN TAOS, by Dr. J. T. Reid. 118 p. 1946 (280.059 R27) If you are interested in soil conservation, if you are interested in livestock improvement, in the school lunch, in greener pastures, in better tax collection, in a functioning rural church, in irrigation, in rural health, in the people's artistry, in library service, in better rural schools--it all happened in Taos. If you are concerned about improvement of human living the world over, here is the story of how it can be done, of how the people can do it. This is the story of a demonstration. It is in itself a pattern and a philosophy... The very unusual thing that happened in Taos County, New Mexico, is such a departure from the ordinary that it is hard to believe--everybody got together on everybody's business. The obvious result is that some very important progress has been made--important not only to Taos County itself, but for the rest of the country as well. Everybody's business, in this instance, is the total welfare of all those living in the county. The book explains in some detail the organization and the work of the Taos County Project from 1940 to 1943. Each short chapter tells a lot in a few words, and the reader hastens on to get the entire picture. Photographs throughout the book and a collection at the end add to the interest.

YOUR FORESTS, by Martha Bensley Bruere. 159 p. 1945 (99.61 B83) The story of American forests, what they are, where they are, how they are cared for and developed by the U.S. Forest Service, how their riches are conserved, increased, harvested and used for profit and enjoyment. The author is a member of the Forest Service. Includes one chapter on plastics and new derivatives from wood. Well illustrated with photographs. "In its many stories of foresters and their varied work, this is a valuable career book for boys, suggesting many aspects of forestry as a man's job."

THE LONGEVITY OF PLANTS, by Dr. Hans Molisch. English edition by Edmund H. Fulling, editor of the Botanical Review. 226 p. 1938 (463.36 M73A) No comprehensive study upon the subject has heretofore been made, says the author: "A careful study of the subject among both lower and higher plants was neglected and no consideration was accorded such matters, among others, as senescence, developmental changes, the death of cells and tissues in the tree, nor the possibility of curtailing or prolonging life." A technical book, attractively illustrated.

THE LIFE HISTORY OF AN AMERICAN NATURALIST, by Francis B. Sumner. 298 p. 1945.

(120 Su6) A reading of the author's preface to this book is a guarantee that you will want to go on and read the whole thing, even though you may not be particularly interested in naturalists and scientists. He admits he is quite unknown to the reading public. Like other research workers in science he craved a wider opportunity for self-expression than is afforded by the publication of his technical contributions, an opportunity to "stretch" spiritually, and so he has written for the entertainment of the layman about his life and his experimentations and his interpretations. Open the book at most any paragraph and start reading--you aren't likely to stop, for instance his chapter "Why Is a Mouse?" or the one giving "Some Frank Comments on What Many Call Religion." He began writing his autobiography twelve years ago; he took the time to write a book that is rich in thinking, that dips freely into philosophy, psychology, ethics, and natural history of the popular everyday type.

THIS IS OUR LAND, by E. G. Cheyney and T. Schantz-Hansen. 345 p. 1946 (279.12 C42) The story of conservation in the United States. Two university professors of forestry at the University of Minnesota have prepared this book, and Jay N. Darling has written the foreword. It is designed for teaching conservation in the grades and junior high school classes. It is well written and gives a good introduction to the whole field of conservation. Profusely illustrated with photographs.

AMERICAN MAMMALS, by W. J. Hamilton, Jr. 434 p. 1939 (412.1 H18) The author has long felt a need for a single volume on the lives, habits, and economic relations of mammals given in more detail than in previous volumes. He has prepared such a book as a reference text, of more than passing interest to the layman, teacher, and professional zoologist alike. Illustrated.

REPRESENTATIVE NORTH AMERICAN FRESH-WATER FISHES, by John T. Nichols. 127 p. 1942 (414 N51) This little booklet comprises illustrations of sixty representative North American fresh-water fishes, each accompanied by a page of text. By reference to these pictures and text the angler, or anyone else interested, will be able to identify, exactly or approximately, the majority of species most likely to come to his attention. Mr. Nichols has packed a great variety of data about fishes into a limited space.

USE WITHOUT WASTE, by Margaret and George Hafstad. 165 p. 1944 (279.12 H11) This small textbook attempts to present the study of conservation in related units, each complete in itself, and suitable for junior high school classes. The first four units deal with phases that are most generally recommended for study by state and city curricula guides--forests, soil, minerals, and wildlife. The fifth unit is concerned with problems of conservation made known or emphasized by the needs of war. Each unit is composed of textual material, exercises, and activities and possibilities for correlation. The activities place emphasis on the role of the student as an advocate of "use without waste," and afford him an opportunity to engage in many conservation practices in his own community.

TRANSACTIONS OF THE 10th NORTH AMERICAN WILDLIFE CONFERENCE, 1945. 359 p. (412.9 N814) The Transactions of these conferences sponsored by the North American Wildlife Institute have through the years grown to be a rather complete chronological history of the growth of conservation and development of restoration methods. This no. has sections devoted to forest lands, croplands, marshes, parks, range lands, recent developments in wildlife research, etc.

SOIL CONSERVATION INTERESTS

- SOIL, WATER, AND MAN, by Murl Deusing, lecturer, Milwaukee Public Museum (Basic social education series, Row, Peterson and Co.) 1941. 48-page booklet, illustrated in black and white and in color. (279.12 D48)
- SOIL, by Bertha Morris Parker, laboratory school, University of Chicago. (Basic science education series, Row, Peterson and Co.) 1943. 36-page booklet, illustrated in color.
- SOIL CONSERVATION PAYS FOR IRRIGATED LANDS. More than 25 examples. By A. E. McClymonds, SCS, Lincoln, Nebraska, Sept, 1946. 11 pages.
- MORE THAN 101 EXAMPLES OF HOW SOIL CONSERVATION PAYS. SCS, Lincoln, Nebraska, Sept. 1946. 51 pages
- ORGANIZING AND PLANNING FOR MORE EFFECTIVE EDUCATION IN SOIL AND WATER CONSERVATION 2d Report of the Northern Great Plains Conservation Education Committee. Summer Workshop, Laramie, Wyo., June 1946. 23 pages (56.7 N812)
- WORKING WITH PEOPLE. Prepared by Regional Training Committee, SCS, Milwaukee, Wis. Contains sections on: Acting and Thinking; Thinking and Talking Together; Conducting the Conference; Talking to People; Salesmanship.
- SUGGESTIONS AND TRAINING OUTLINE FOR "FELLOWS" studying soil conservation with the United States Soil Conservation Service. USDA, revised 1946. 28 pages.
- OUR RESOURCES. A bibliography compiled for the New Jersey Conservation Education Workshop, July 1946. Forests and forestry; Natural resources, Soil conservation.
- ADJUSTMENTS IN FARM ORGANIZATION NEEDED TO CONSERVE SOIL RESOURCES IN SOUTH-CENTRAL INDIANA. Purdue Agr. Exp. Sta. Bull. 515 (100 In2Pb)
- HYDROLOGIC DESIGN OF SMALL FARM PONDS IN THE ROLLING PLAINS, CENTRAL PRAIRIES, AND WEST CROSS TIMBERS AREAS OF KANSAS, OKLAHOMA, AND TEXAS. SCS Research in coop. with Oklahoma Agr. Exp. Sta. (ACS-TP-57) Aug. 1946 (1.96 Ad6Tp) (State if you desire packet of material on farm ponds)
- THE DEVELOPMENT OF NATURAL RESOURCES--THE COMING TECHNOLOGICAL REVOLUTION ON THE LAND. Address by H. H. Bennett, SCS, before Engineering and Human Affairs Conference, Princeton, Oct. 1946. Dr. Bennett has packed a lot into a few lines. All who have not been awakened to the significance of the soil as a "natural resource" and to the facts and figures that give a picture of the land situation should have the privilege of hearing or reading this address.

GENERAL FARM INTERESTS

- PRACTICAL BEEKEEPING. N. C. Ext. Service Circ. 274 (275.29 N811) (State if you would like us to include other bulletins pertaining to beekeeping)
- IMPROVING FARM AND RANCH TENURE IN THE NORTHERN PLAINS. Mont. Agr. Exp. Sta. Bull. 436, July 1946. (100 M76B)
- FARM FAMILY LIVING. BAE. Address by Margaret Reid at the Annual Agricultural Outlook Conference, Oct. 1946. 5 pages (1.982 E2R27)
- CUSTOM RATES FOR THE USE OF POWER-OPERATED FARM MACHINES WITH OPERATORS. Rates for 1945 and expected rates for 1946--averages of replies to a questionnaire sent to farmers in every county in Illinois. Ill. Ext. Service AE series 2398. (275.29 IL62P)
- INFECTIOUS BOVINE MASTITIS. Fla. Agr. Exp. Sta. Bull. 424 (100 F66Sb 424) (State if you desire additional bulletins on this subject)

FORESTRY

BASIC FOREST STATISTICS FOR THE UNITED STATES--As of beginning of 1945. Preliminary data from the reappraisal project. U. S. Forest Service, July 1946 (0-22) (1.962 B29)

NATIONAL FOREST AREAS--as of June 30, 1946. U. S. Forest Service. (1 F765) Consists of statistics and map.

REPRODUCTIVE HABITS OF DOUGLAS-FIR, by Leo A. Isaac. Pub. by Charles Lathrop Pack Forestry Foundation, 1943. 107 p. (99.46 Is1)

MORE IMPORTANT PUBLICATIONS DEALING WITH FOREST INFLUENCES ISSUED 1939-1945. A list compiled by H. F. Morey, May 1946. (1.963 A2M81)

GOVERNMENT PUBLICATIONS OF GENERAL INTEREST ON WOOD AND TREES. List issued by Forest Products Lab., Madison, Wis., Sept. 1946 (Technical Note no. D-6) (1.967 F761)

NORTHEASTERN LOGGERS' HANDBOOK, by Fred C. Simmons. Section II: Skidding with tractors. (1.9622 N2N81 pt. 2)

THE WORK OF A FARM FORESTER. N. C. Ext. Service Folder 60 (275.29 N811Ex) 6-page folder.

LOG MEASURE TABLES BY DOYLE AND INTERNATIONAL $\frac{1}{2}$ INCH RULES. N. C. Ext. Service Folder 59 (275.29 N811Ex) 4-page cardboard folder.

35TH ANNUAL REPORT OF NORTHERN ROCKY MOUNTAIN FOREST & RANGE EXPERIMENT STATION, Missoula, Montana, 1945. Pub. Jan. 1947. 36 p.

ECONOMIC ASPECTS OF FOREST-FIRE PROTECTION AND DAMAGE. A list of references. USDA Library. Library List no. 34, Jan. 1947. 48 p. (1.916 L612)

WOODLAND PLANTINGS IN THE GREAT PLAINS. SCS, Lincoln, Nebr., June 1946. (1.9607 W85)

TRENDS AND OUTLOOK

THE OUTLOOK FOR AGRICULTURE IN 1947 AND BEYOND. Summary of address by O. C. Stine at Annual Agrl. Outlook Conf., Oct. 1946 (1.941 H22St5 1947)

THE BALANCE SHEET OF AGRICULTURE. Address by Norman J. Wall at Annual Agrl. Outlook Conf., Oct. 1946 (1.941 F2W15 1946)

OUTLOOK CHARTS--RURAL FAMILY LIVING, 1947 (1.982 A3Ou83 1947) Farm population, 1910-1946; Farm income; Prices paid by farmers for family living items; Trends in telephone and radio in farm dwellings; Nutritional deficiencies; Annual expenditure for family living; Expenditure for food per person, and per person for clothing; House building materials; etc.

THE PEACETIME CHALLENGE TO AGRICULTURE. Proceedings of 8th Annual National Farm Institute, Des Moines, 1946. 102 pages (4 N212) The Institute is not an organization, it is a forum. Articles and discussion on "How much can farmers produce in peacetime," "America's capacity to consume," "How can we insure the future productivity of our soils?" "The National Grange program for agriculture," "Finding new markets for farm products," "Russia looks to her food supply," etc.

1947 RECOMMENDED PRODUCTION ADJUSTMENTS IN AGRICULTURE IN SOUTH DAKOTA. BAE Agrl. Economics Pamphlet no. 21 (281.9 So86)

DARE FARMERS RISK ABUNDANCE? National Planning Pamphlet 56 (280.9 N2153) In this pamphlet you as reader sit down with a group of people like Theodore Schultz, Arthur Moore, James G. Patton, Quentin Reynolds, and exchange opinions in round-table fashion.

HOME ECONOMICS

- KNIVES & SCISSORS--SHARPENING AND CARE. Wis. Ext. Service Circ. 369 (275.29 W75C)
- CANNING MEAT FOR THE HOME. N. C. Ext. Service Circ. 284 (275.29 N811)
- WHEN BUYING POTS AND PANS. Wis. Ext. Service Spec. Circ., May 1946 (275.29 W75S)
- CANNING FRUITS AND VEGETABLES. N. C. Ext. Service Circ. 271 (275.29 N811)
- CARE AND REPAIR OF ELECTRIC APPLIANCE CORDS. Purdue Ext. Service Leaflet 246. (275.29 In21L)
- FOOD FOR THE FAMILY WITH YOUNG CHILDREN. USDA AIS series, no. 59 (1 Ag84Ai)
- BETTER BUYMANSHIP AND USE--GRAIN PRODUCTS. Household Finance Corp. (321.8 H814) Discusses the different cereals, flours, noodle products, starches, bakery goods, etc.
- RESEARCH IN FOODS, HUMAN NUTRITION, AND HOME ECONOMICS AT THE LAND-GRANT INSTITUTIONS, 1946-47 (1.9 Ex6Ho) Presents a survey, by states, of research projects and recent publications in the fields of foods, food technology, human nutrition, textiles and clothing, housing, household equipment, household management, family economics, and family life--selected primarily because of their interest to the home consumer.
- HOUSEFLY CONTROL. USDA Leaflet 182, revised 1946 (1 Ag84L)
- MONEY MANAGEMENT--THE CLOTHING DOLLAR. Household Finance Corp.
- SOME IMPORTANT FACTORS CAUSING SPOILAGE AND POOR QUALITY IN HOME CANNED FOODS. Tex. Ext. Service Bul. 139 (275.29 E312)
- NUTRITIVE VALUE OF THE PER CAPITA FOOD SUPPLY, 1909-45. USDA Miscel. Pub. 616 (1 Ag84m)
- MAKE THIS TABLE LAMP. Rural Electrification Adm. (1.933 M28)
- TAILORING TECHNIQUES. Conn. Ext. Service Bull. 371 (275.29 C76B)
- HOW TO TAILOR A WOMAN'S SUIT. USDA Miscel. Pub. 591. (1 Ag84M)
- HOUSE ANTS. USDA Leaflet 147 (1 Ag84L)

CROPS

- CRESTED WHEATGRASS. USDA Leaflet 104, rev. 1947 (1 Ag84L)
- SUMMER CROPS FOR GREEN MANURE AND SOIL IMPROVEMENT. USDA Farmers' Bull. 1750 rev. 1947 (1 Ag84F)
- BENTON AND CLINTON NEW DISEASE RESISTANT OATS. Purdue Agr. Exp. Sta. Bull. 514, May 1946 (100 In2Pb)
- PRODUCE RED CLOVER AND ALFALFA SEED--IT'S NEEDED. Wis. Ext. Service Spec. Circ., rev. July 1946. (275.29 W75S July 1946)
- A PRIMER ON HYBRID CORN--How it's produced. Wis. Ext. Service. Stencil Circ. 248, Oct. 1946 (275.29 W75B)
- CERTIFIED CORN HYBRIDS FOR INDIANA. Ind. Agr. Exp. Sta. Agronomy Mimeograph 74. (100 In2Agr)
- THE WHAT AND HOW OF HYBRID CORN. USDA Farmers' Bulletin 1744 (1 Ag84F)

MISCELLANEOUS

RAISING MINK. BAI. A.H.D. no. 101 (1.9 An52Ah)

CARE AND DISEASES OF TROUT. Fish and Wildlife Service Research Rept. 12.

THE PRACTICAL BREWER. Pub. by Master Brewers Assn. of America. Includes chapters on barley and hops.

NOTES

When asking for material to be used in preparation for a talk or a project be sure to give us the DATE OF YOUR TALK OR PROJECT so that we may know whether there is time for us to borrow further material for you other than that we have on our shelves.

Remember that though you get no reply from us re the request slip you send us for a book or bulletin WE ARE HOLDING THE REQUEST until the book is available for you.

When requesting a Government bulletin or an Experiment Station bulletin, please add the no. of the bulletin to the call no. in the upper left corner of the request slip (AD-245). Thus the bulletin no. will form a third line of the call no., as
275.29
N272Ex
no.132

In our Newsletter entries you will find the call no. given in parenthesis.

PERIODICAL CIRCULATION: Beginning this month we will attach to the circulating periodicals a routing slip which we hope you will find more satisfactory than formerly. Read the instructions at the head of the slip. Fill in the dates of receipt and forwarding.

In an effort to facilitate prompt routing and so that we may have some check on the whereabouts of the periodical we are cutting down the routing lists to 15 names per grouping. The periodical will be returned to the library between groups. If the periodical is not returned to the library at approximately the date estimated for its return (3 days per person plus allowance for travel time) we shall start a tracer for the magazine. We know you will cooperate in this effort to give full consideration to the persons at the end of the list and to the next group who may be waiting.

BOOKS: Be sure your book is properly protected with cardboard wrapping for its return to the library. We often note instances where such wrapping has saved the book from severe damage. Recently a book was returned without proper wrapping and tying—in fact it became separated entirely from its wrapping and address label, and it is a wonder that it reached us at all!

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LIBRARY NEWSLETTER

U. S. DEPARTMENT of AGRICULTURE

LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA

Vol. 6, No. 4

April 1947

"Books identify us with the minds of others. They are the food supply for the minds, like the well stored pantry shelf is for the table. They are the storage batteries with reserved power to give us vision and thought." -- Alson Secor.

NEW LIBRARY BOOKS

THE COMPLETE RANCHER, by Russell H. Bennett. 246 p. 1946 (43 B43) This most readable and enjoyable book will give you a down-to-earth picture of what life on the family-sized cattle ranch amounts to and what it has to offer as a career. It shows how ranch people look upon the life they have chosen, and what rewards and penalties it holds for them. The author, a mining engineer of wide experience and travel who chose the ranch as a vocation after the close of World War I, follows the pattern of the hours on a ranch, and of the days and months, where work and contemplation and play follow each other... Here you get the benefit of someone's actual experience and observation, as most people actually engaged in the livestock business do not write about it.

OPPORTUNITIES IN LATIN AMERICA, by Ralph Hancock. 278 p. 1946 (280.16 H19) The new Latin America that is in the making is no longer content to remain feeders of raw materials to the great industrial regions of the world. The economy of these republics is still very definitely pro-capitalistic, and it is still dominated by an agrarian system. Latin America is now shaking off its old "colonial" status at a rapidly accelerating rate, partly by intra- and inter-American trade but basically by industrialization. The book opens with a series of maps showing resources, railroads, airlines, etc. The main text is in sections devoted to industrial power, agriculture, transportation, manufacturing, forest products, social welfare, trade and travel, etc., and under these topics each country is discussed, as well as the general whole. The section on agriculture shows how the war's disruption of long-established patterns in international trade has drastically changed the economic life of the American nations.

PERSONALITY AND ENGLISH IN TECHNICAL PERSONNEL, by Philip McDonald. 424 p. 1946. (249.3 M14) This book was reviewed and recommended in USDA Dec. 23, 1946. It recognized the fact that a technician may limit his outlook by too great specialization and suggests interests to cultivate which will prevent this. Other problems confronting technical personnel are discussed. The whole problem of English is presented: report writing, letters, language, vocabulary. Wise reading to develop background is stressed and helpful suggestions outlined.

PRACTICE OF SILVICULTURE, by Ralph C. Hawley. 354 p. 5th edition, 1946.

(99.45 H31 Ed. 5) "A basic volume in the field of silviculture, this distinguished book includes the essential facts on the recent progress in reproduction methods and intermediate cuttings."

PLANT GROWTH, by L. Edwin Yocum. 203 p. 1945 (463 Y7) To answer the many technical questions which the plant lover may ask about growing plants. It is an attempt to make clear the "how and why" of plant growth. The principles of the laws of nature as applied to plants growing in the soil are stressed, and many of the newer theories used in plant culture are described. The illustrative material has been selected because it is found around most homes, and can be examined by the reader. Includes chapters on roots, leaf structure, food making, the soil, weeds, flowers, hybridizing, plant hormones, soil improvement, fertilizers, rest period of plants, etc.

CONSERVATION OF RENEWABLE RESOURCES, by E. M. Dahlberg. 217 p. 1939 (279.12 D13) Written by a teacher in Wisconsin, where the teaching of conservation in the public schools is required by law. He has taught conservation since 1918 as a major objective in high school biology classes. The text is arranged in such a way as to be especially adapted for use as a supplementary text in any regular biology course.

THE HANDBOOK OF GAME AND FISH MANAGEMENT, by Walter A. Gresh. 1946 (412.9 G86) Small book, spiral-binding, with tabs for quick reference. Includes maps showing distribution of game by areas, waterfowl breeding grounds and flyways, wintering range, etc.; likewise maps re fish.

COOPERATIVE COMMUNITIES AT WORK, by H. F. Infield. 201 p. 1945 (282.2 In32) The book does some summing up of the lessons offered by cooperative communities of the past and present. Some have limited their cooperative efforts to economic goals; some have embraced most, if not all, social values. The author takes into consideration the motives back of each community; the human element, membership requirements, duties and rights of members, their racial, social, and political backgrounds; administration and management; finances; turnover; evaluation of advantages and drawbacks in relation to postwar resettlement. He includes a couple of chapters on the FSA projects and cooperative corporation farms. This survey has been made to aid in organizing cooperative communities as a vanguard of rural resettlement, believing that certain people find most satisfaction and success in such a plan and that they should not be forced to squander their energies in diffused attempts along the traditional pattern of individual farming--and that when they so succeed they will stimulate the agricultural development of the surrounding countryside and help to establish superior standards of rural life in general.

TWO BLADES OF GRASS, by T. Swann Harding. 352 p. 1947 (31.3 H21T) At last, Mr. Harding's book is off the press--the one that USDA has told us about several times. It is a history of scientific development in the U. S. Department of Agriculture. Mr. Harding has been with the Department for more than thirty years and is well prepared to write for the laymen this account of the search for better grains, for better methods of soil and forest conservation, for preservation of game and wild life, and for additional economic uses of farm products and by-products. He demonstrates that research performed by the Department has been almost incredibly valuable to the American public, both in scientific advancement and in monetary terms.

LAND CLASSIFICATION FOR LAND-USE PLANNING, by G. V. Jacks. 90 p. Imperial Bureau of Soil Science Techn. Com. no. 45, 1946 (56.9 Im72) Land classification in the sense here used relates to the grouping of lands according to their suitability for producing plants of economic importance. Classification for land-use planning may be purely qualitative, or they may be quantitative. Every land-use plan for exploiting the agricultural and forest resources of a region for the lasting benefit of the occupiers must be based on the conservation of soil fertility. The author discusses systems of land classification--in Michigan, in Great Britain, in the U. S. Soil Conservation Service, in the Tennessee Valley, in Prussia, in Canada, including a few pages on classification for irrigation purposes. There are other sections--Agricultural Regions; the U. S. Soil Survey; The Physical Classification of Land; The Use of Natural Vegetation as an Indicator of Land Quality (grassland indicators, forest-sites, etc.); Estimation of Productivity.

WATERSHEDS: Handbook for Preliminary Examinations and Surveys of Watersheds for Runoff and Waterflow Retardation and Soil Erosion Prevention in the Interest of Flood Control. 102 p. USDA, Jan. 1947 Forest service and Soil Conservation Service have cooperated in undertaking a closely coordinated program of investigations under flood control legislation and have reached an agreement upon a set of basic principles to guide the conduct of flood control examinations and surveys. The two Services, although proceeding in different areas and at different times, will operate under the same policy. The procedures are brought together and presented in this handbook for the field agencies of both Services. One section under Authorizations and Principles is devoted to the Federal Inter-Agency River Basin Committee.

CROP PERFORMANCES, ETC.

CORN PERFORMANCE TESTS, 1946. So. Dak. Agr. Exp. Sta. Circ. 66, Jan. 1947.
(100 So82C)

MEASURED CROP PERFORMANCE, 1946. N. C. Agr. Exp. Sta. Bull. 359, Jan. 1947.
(100 N81B 359) Includes recommended corn hybrids for 1947.

ALFALFA IN SOUTH DAKOTA. 21 years research at the Redfield station. So. Dak. Agr. Exp. Sta. Bull. 383, Sept. 1946. 77 p. (100 So82B)

EARLY PLANTED TREATED SEED PRODUCES HIGHER SORGHUM YIELDS. So. Dak. Agr. Exp. Sta. Bull. 381, Apr. 1946 (100 So82B)

INDEX OF NAMED FLAX VARIETIES. Bur. of Plant Industry. (1.965 C2In2) Lists name; C. I. no.; original source; agronomic type.

FORESTRY

HANDBOOK OF DESCRIPTIONS OF SPECIALIZED FIELDS IN FORESTRY. National Roster of Scientific and Specialized Personnel. May 1945 (173.4 W1932Hf)

PRODUCTS OF AMERICAN FORESTS. Forest Products Laboratory, Madison, Wis.

THE PREDICTION OF GROWTH IN UNEVEN-AGED TIMBER STANDS ON THE BASIS OF DIAMETER DISTRIBUTIONS, by Jesse H. Buell. Duke Univ. School of Forestry Bull. 11. (99.9 D88)

CHRISTMAS-TREE FARMING, by J. A. Cope. Cornell Extension Bull. 704, Nov. 1946.
(275.29 N48E)

MORE TIMBER. Pacific Northwest Loggers Association. Illustrated 36-page bulletin.

GENERAL FARM INTERESTS

- TRACTOR REPAIR AND MAINTENANCE. Miss. Ext. Bull. 134. 70 p. (275.29 M68B)
- BELT PULLEY POWER LIFT. Mich. Ext. Bull. 282 (275.29 M58B)
- NEWCASTLE DISEASE OF POULTRY. Wis. Ext. Serv. Stencil Circ. Aug. 1946 (275.29 W75S)
- POULTRY HOUSE INSULATION. Mich. Ext. Bull. 281 (275.29 M58B)
- BETTER HATCHING EGGS FOR BETTER BROILERS. Del. Ext. Circ. 50 (275.29 D37C)
(State if you desire packet of bulletin material on poultry in general--broilers, brooders, chicks, culling, diseases, housing, egg production, feeding, etc.)
- PROTEIN AND VITAMIN SUPPLEMENTS IN BROILER FINISHING RATIONS. Ind. Exp. Sta. Bull. 512 (100 In2Pb)
- CATTLE GRUBS IN MONTANA. Mont. Exp. Sta. Bull. 437 (100 M76B)
- MODERN MILKING METHODS. N. H. Ext. Circ. 265 (275.29 N45C)
- DAIRY CATTLE BREEDS. USDA Farmers' Bull. 1443, revised 1946 (1 Ag84F) (State if you desire packet of bulletin material on dairy problems in general--feeding, equipment, housing, diseases, etc.)
- DRY CALF STARTERS FOR DAIRY CALVES. Cornell Exp. Sta. Bull. 835 (100 N48Cb)
- WEEDING VEGETABLE CROPS OF THE CARROT FAMILY WITH OILS. Calif. College of Agr., April 1946 (79 C84)
- SMALL FRUIT CULTURE. Ohio Exp. Sta. Spec. Circ. 74 (100 Oh3Ss)
- CLEARING AND RESEEDING SAGEBRUSH LANDS. SCS, Albuquerque. Regional Bulletin no. 100, Apr. 1946 (1.96Q8 R26)
- FERTILIZER RECOMMENDATIONS FOR OKLAHOMA CROPS. Okla. Exp. Sta. Bull. 305, Feb. 1947 (100 Ok4B)
- COMPARATIVE EFFICIENCY OF SILOING, BARN CURING, AND FIELD CURING FORAGE CROPS. USDA. BDM-Inf-43, Dec. 1946 (1.973 D4B34) Prelim. results of an investigation being conducted by BDI, BPISAE, and PMA
- 2,4-D AS A WEED KILLER. Calif. Ext. Serv. Circ. 133, Feb. 1947 (275.29 C12C)
- SOME SUGGESTIONS FOR REMODELING YOUR FARM HOME. Wis. Ext. Serv. Spec. Circ., Oct. 1946 (275.29 W75S)
- REPAIRING THE FARMHOUSE. Cornell Misc. Bull. 1 (275.29 N48Cm)
- ROOFING, FLOORING AND VENTILATION FOR ROUND SNOW FENCE TYPE OF CORN CRIBS. BPISAE (1.965 F6R67)
- PURCHASING HYBRID SEED CORN COOPERATIVELY. Farm Credit Adm. Miscel. Rept. 100. (166.3 M68)
- THE SWELLING PROPERTY OF FEEDSTUFFS. Ind. Exp. Sta. Circ. 320 (100 In2Pc). Bulk ("in the stomach") as affecting the consumption and efficiency of feed mixtures.
- TECHNIQUE FOR CLASSIFYING FARM LAND FOR TAX PURPOSES. Md. Exp. Sta. Bull. A42. (100 M36S)
- PROBLEMS PERTAINING TO FARM REAL ESTATE ASSESSMENT AS REPORTED BY COUNTY ASSESSING OFFICERS. BAE & Kans. Agr. Exp. Sta. Agr. Econ. Rept. 31, Oct. 1946 (281.9 K132)

REPORTS

REPORT OF THE SPECIAL MEETING ON URGENT FOOD PROBLEMS. Food and Agriculture Organization of the United Nations. 39 p. June, 1946 (389.9 F735P) Topics include agricultural rehabilitation, fisheries, situation, fertilizer, emergency calorie intake requirements, flour extraction rates, livestock-feeding, potatoes, machinery, acreage, etc.

WYOMING STATE SOIL CONSERVATION COMMITTEE THIRD BIENNIAL REPORT, NOV. 1944 - Oct. 1946. 14 p. (56.9 W99)

WYOMING AGRICULTURAL EXPERIMENT STATION 55th ANNUAL REPORT, 1944-1945. (100 W99A)

SCIENCE SERVING AGRICULTURE. Biennial Report, Oklahoma Agrl. Exp. Sta., 1944-1946, pt. 1 (100 Ok4R) Sections on soil, grasses, field crops, etc.

RURAL ELECTRIFICATION ADMINISTRATION REPORT, 1946 (1 Ag84)

REPORT OF THE ADMINISTRATOR OF AGRICULTURAL RESEARCH, 1946. (1 Ag84) Includes the reports of BAI, BDI, Ent. & P. Q., BEN&HE, BPISAE, Off. of Exp. Stations, and Agrl. & Ind. Chem.

REPORT OF THE FEDERAL CROP INSURANCE CORPORATION, 1946 (1 Ag84)

HOME ECONOMICS

MAKING SOAP AT HOME FROM WASTE FATS. Wis. Ext. Serv. Spec. Circ., Oct. 1946, (275.29 W75S)

ARE YOU BUYING HOUSEHOLD EQUIPMENT? Wis. Ext. Serv. Sten. Circ. 247 (275.29 W75B)

HOW TO REPAIR INNERSPRING CUSHIONS. Mich. Ext. Serv. Bull. 283 (275.29 M58B)

WHY NOT MAKE A PAPER DRESS FORM? Wis. Ext. Serv. Spec. Circ., Aug. 1946 (275.29 W75S)

DOES YOUR SEWING MACHINE NEED CLEANING? Wis. Ext. Serv. Spec. Circ. Aug. 1946. (275.29 W75S)

FOOD-FREEZER QUESTIONS ANSWERED. Me. Ext. Serv. Circ. 227 (275.29 M281C) State if you desire packet of material on home freezer lockers, freezing farm foods, frozen foods, zero storage cabinets, etc.)

OF REGIONAL INTEREST

WHEN DROUGHT RETURNS TO THE GREAT PLAINS. USDA Farmers' Bull. 1982, March 1947. (1 Ag84F)

GEOGRAPHIC DIFFERENCES IN PRODUCTION FROM AGRICULTURAL LAND, NORTHERN GREAT PLAINS, by Ralph E. Ward and Wm. A. Green. BAE, Lincoln, Nebr., June 1946. 76 p. (1.941 L3G29) Gives indexes of production from cropland, from grassland, and from agricultural land, by counties. Includes maps, graphs, tables.

GEOLOGY AND GROUND-WATER RESOURCES OF GRANT, HASKELL, AND STEVENS COUNTIES, KANSAS, by Thad G. McLaughlin. Kans. Geological Survey Bulletin 61 (406 K13)

GEOLOGY OF THE NORTHWESTERN WIND RIVER MOUNTAINS, WYOMING, by Charles L. Baker. Wyo. Geological Survey, June 1946

PHYSICAL LAND CONDITIONS AFFECTING USE, CONSERVATION, AND MANAGEMENT OF LAND RESOURCES, JEWELL COUNTY, KANSAS. SCS & Kans. Exp. Sta., Oct. 1946 (1.96 L22Phj)

Same as above for NEOSHO COUNTY, KANSAS (1.96 L22Phn)

MISCELLANEOUS

HOW TO CONDUCT A MEETING: Parliamentary Procedure. Wis. Ext. Serv. Spec. Circ. June 1946 (275.29 W75S)

RHEUMATIC FEVER--Childhood's Greatest Enemy. Public Affairs Pam. 126 (280.9 P964)

THE FARM REAL ESTATE SITUATION, 1945-46. USDA Circular 754, 1947 (1 Ag84C)

WHEAT TRENDS. U. S. Chamber of Commerce. 17 p. 1946 (281.359 C35)

A SUMMARY OF THE ACTIVITIES OF THE PRODUCTION AND MARKETING ADMINISTRATION. 10 pages.

CANAL LINING MANUAL. SCS & Colo. Agr. Exp. Sta. Nov. 1946.

RANCH PLANNING HANDBOOK. SCS, Range Division. Apr. 1, 1946 (1.96 Op2Rah)

A DISCUSSION OF THE RESEARCH MARKETING ACT OF 1946, by E. A. Meyer (1.9422 In2M57)

PROCEEDINGS OF THE NEW YORK FARMERS, 1945-46. Interesting reading in this booklet--even Mr. McKelvie was there to discuss Nebraska ranching. It's mostly in the form of round-table talk--brome grass, Clinton oats, DDT, herd production, etc.

THE WEST AGAINST ITSELF, by Bernard DeVoto (photoprint from Harper's Magazine, Jan. 1947) More interesting talk by Mr. DeVoto about "the plundered province"--our region. The businesses that are founded on our natural resources--mining, cattle business, lumbering--how they have been and are maintained and exploited by the East. Are we being exploited into geological extinction?

NOTES

We have had some interesting REFERENCE QUESTIONS from field offices. Do not hesitate to give the library a chance at helping you find material to answer your particular problem.

DO NOT CLIP recipes and coupons from library periodicals! These periodicals are Government property, being handled cooperatively for the good of all who have asked to see them.

WHAT IS YOUR QUIZ RATING on library services. Do you know

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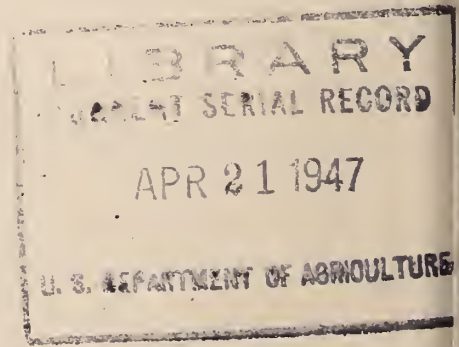
How to borrow books?

The scope and facilities of the library?

How the library selects books for purchase?

Why the Branch was organized, the agencies it serves, how it keeps statistics about the books and periodicals you read?

If you do not know the answers, ask the Librarian.

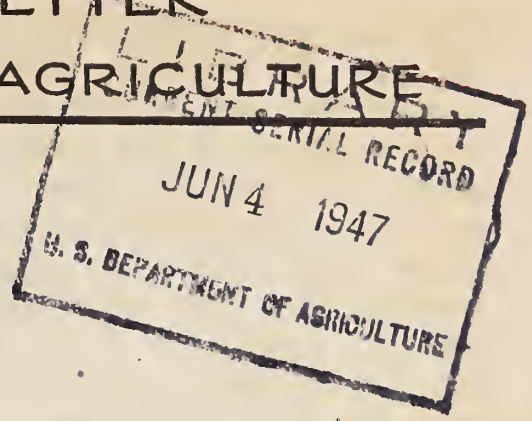


Lela Allred, Librarian



LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE



LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA.

Vol. 6, No. 5

May 1947

"Please do not file me away immediately--or throw me in the waste-basket! I am a connecting link between your office personnel and your library. Please see that I am routed to everyone in your office. I may have some worthwhile information to impart--or I may remind someone that the library is anxious to help him with its publications and its services. Many offices even find it worthwhile to file me for future reference--after everyone has seen me--
I AM YOUR LIBRARY NEWSLETTER."

NEW LIBRARY BOOKS

WRITERS AND WRITING, by Robert van Gelder. 381 p. 1946 (238 V29) We thought we were ordering this book so that we USDAers could read it and, presto, know how to write. Now we think differently. We're going to read it mostly for enjoyment; and you that are writers may or may not pick up some ideas about applying yourself to the job with more effectiveness and enthusiasm. Mr. van Gelder of the New York Times has interviewed some 90-odd top-flight writers among his many friends in the writing game, and in this book he tells us what they said about how they go about writing. Jesse Stuart writes during the long night hours. Marjorie Kinnan Rawlings does most of her work during the summer and she agonizes over her typewriter eight hours a day. Louis Bromfield takes a couple of hours and writes every minute of it saying what he wants to say, then goes on about his business. Bernard De Voto always writes three drafts. And Christopher Morley--well--he just talked about his beard and didn't say just what it is that makes him write. You'll enjoy this book.

FIRST AID FOR THE AILING HOUSE, by Roger B. Whitman. 375 p. 4th edition, 1946. (323 W59) Mr. Whitman's detailed suggestions, sketches and plans are based on his sixty thousand questions received from home owners writing to his widely syndicated column in the New York Sun. He gives the answer to specific questions, from attic to cellar, in simple non-technical terms. Includes much information on substitutes for building materials; gives instructions for extending the life of parts of houses that are likely to wear, particularly those made of sheet metal, the plumbing and heating systems, etc., and has suggestions for conserving materials such as paints and other finishes.

THE FARM, by Louis Bromfield. 345 p. (145.3 B78) This 1946 printing of The Farm is attractively illustrated by Kate Lord. If you've never read this novel, so full of incident and character, here's your second chance. It is a family chronicle, probably semi-autobiographical, dealing with the fortunes of four generations living on a farm in northern Ohio. A deeply felt book, vividly written, it is a valuable record for its generation.

INDUSTRIAL AND COMMERCIAL GEOGRAPHY, by J. Russell Smith and M. Ogden Phillips. 957 p. 3d edition, 1946 (278 Sm5I) Today we inhabit a world that is different --from the one of but two decades ago. The industries and resources as they have been changed by the Power Age are surveyed in these chapters. The first 733 pages describe the great industries, and the great economic activities, each set in a geographic mold--for instance, the wheat industry of the world, how the wheat crop fits into certain groups of natural conditions that exist in all six continents. The addition of maps, charts, and diagrams for each industry gives a sound knowledge of the production and trade of each country. The last 224 pages are a synthesis, devoted to an analysis of world commerce, the rise of trade centers, the evolution of trade routes, airways, etc.

HOW TO MAKE GOOD PICTURES. A Handbook for the Everyday Photographer. 240 p. Eastman Kodak Company. 28th ed., 1943. This handbook for the amateur has many illustrations and directions concerning composition, exposure, landscapes, flower pictures, color photography, cameras, films, lens accessories, etc.

FORESTRY IN FARM MANAGEMENT, by R. H. Westveld and R. H. Peck. 328 p. 1941. (99.55 W52) Designed to aid farmers and agricultural educators in all sections of the United States in developing programs of timber growing and utilization practices on agricultural lands. "Separate programs to conform with local soil and land types, habits and requirements of tree species to be planted, marketing, and other essentials must be worked out for individual farms to stabilize assets from farm-forest tree crops, and in this connection 'Forestry in Farm Management' serves as a splendid basis for consultation."

PROCEEDINGS OF THE AMERICAN FOREST CONGRESS, October 1946. 370 p. (99.9 Am3) Some of the topics: Grazing and Forestry; Needed Research in the Woods; Selling Forestry to the American People; Needs of the Small Forest Owner; Who Shall Own America's Forests?; Report on Special Multiple Use Meeting; Management of Public Forests.

FIRST BOOK OF GRASSES, by Agnes Chase. 120 p. 1937 edition. (452.3 C38) The structure of grasses explained for beginners. "Of all plants grasses are the most important to man. The different kinds are known by very few even among botanists. This is largely because they are supposed to be very difficult. When the structure of grasses is clearly understood, they are not more difficult to study than are other plants. The method here offered has been used by the author for several years in teaching special students."

NORTH AMERICAN WILDLIFE CONFERENCE TRANSACTIONS, 11th, 1946. 521 p. (412.9 N814) Includes papers on advances in wildlife technique, agricultural lands and wildlife, range and forest lands and wildlife, public projects and wildlife welfare, education in wildlife conservation.

AMERICAN CONSERVATION--IN PICTURE AND IN STORY. Compiled and edited by Ovid Butler, editor of American Forests Magazine. 160 p. 1941 (279.12 B97) The book is full of the flavor of the great outdoors. It deals largely with the history and conservation of American forests. Will be useful to anyone engaged in speaking or writing on the subject of conservation.

HANDBOOK OF TABULAR PRESENTATION, by R. O. Hall. 112 p. 1943 (251 H14) How to design and edit statistical tables--a style manual and case book.

SOILS & SOIL CONSERVATION

- THE SOIL CONSERVATION WAY, by William X Hull. SCS, Dec. 1946. (1.96 Ad6Scw)
A book of pictures with brief text in four languages (English, Spanish, French, Portuguese) prepared especially for trainees studying soil and moisture conservation in the United States.
- RESEARCH SUMMARIES, by J. H. Stallings, pt. 4, Jan. 1947, & pt. 5, Apr. 1947.
The purpose of these abstracts is to bring together all useful information developed by the SCS and its cooperating agencies, so that it will be more readily accessible to those interested. Beginning with pt. 5, the summaries deal primarily with current publications. (1.96 R31Rs)
- SOIL CONSERVATION DURING THE WAR, by G. W. Collier, SCS, Conservation Economics Section. War Records Monograph no. 2, March 1946 (1.941 A5W192 no. 2) Considerable interest has been shown in the problem of soil loss during the war period. Many people have wondered as to the price we paid for necessary war production in terms of impaired soil resources. On the other hand, an increased use of soil conservation practices helped to make that record war production possible. This booklet considers both aspects.
- STUDIES IN SOIL STRUCTURE. VI. Water Bound by Individual Soil Constituents as Influenced by Puddling, by T. F. Buehrer and D. G. Aldrich. Ariz. Agr. Exp. Sta. Techn. Bull. 110, June 1946 (100 Ar4T)
- THE EFFECT OF TIME OF APPLICATION AND LEVELS OF NITROGEN, PHOSPHORUS, AND POTASH ON THE GROWTH OF SUGAR BEETS WITH A DETAILED STATISTICAL PROCEDURE OF CONFOUNDING IN A 3x3x3 DESIGN. Mich. Agr. Exp. Sta. Techn. Bull. 203, June 1946 (100 M58St)
- A SYMPOSIUM ON THE EFFECTS OF SOIL ELEMENTS ON FOOD. Pub. by the Fla. State Dept. of Agriculture, 1946. (2 F66B no. 123) Traces some of the discoveries of science in the study of the soil elements as they affect humanity through diet.
- LAND USE AND CONSERVATION. Address by Chester C. Davis at the USDA, Dec. 16, 1946. 12 p. "There are many approaches to this subject--the horror or scare presentation, the ethical appeal to the sense of responsibility of the custodians or the trustees of the land, or the cold demonstration that complete programs of soil and water management applied to the individual farms to hold the soil and make it more productive pay so well in dollars that the owners and operators simply cannot afford not to undertake them at once. I prefer to use the latter approach, with a touch of the others for background and perspective..."
- LET'S PRACTICE SOIL CONSERVATION FOR A PERMANENT AGRICULTURE. An attractive booklet by the International Harvester Company. (56.7 In8L)
- SOIL-MOISTURE STUDIES LEAD TO IMPROVED CULTURAL PRACTICES. USDA Research Achievement Sheet 65 P, Aug. 1946 (1.98 R31) "Studies of soil-moisture conditions in the Great Plains have resulted in a better understanding of moisture movement in dry-land soils and improved cultural practices in semiarid areas..."
- VEGETATION IN DRAINAGE DITCHES CAUSES FLOODING, by C. E. Ramser. SCS-TP-62, March 1947 (1.96 Ad6Tp)
- EXTENT AND SERIOUSNESS OF SOIL EROSION IN THE UNITED STATES. Teaching Aid no. IV. SCS, Northeastern Region, Upper Darby, Pa., Sept. 1946. 5 p. (1.9601 T222)
- SOIL EROSION AND WATER AND SOIL CONSERVATION. Teaching Aid no. 1. SCS, Northeastern Region, Upper Darby, Pa., Nov. 1946. 10 p. (1.9601 T222)

FORESTRY

- FOREST RESOURCES OF THE DOUGLAS FIR REGION, by Burt P. Kirkland. Joint Committee on Forest Conservation, Portland, Oregon, July 1946. 74 p.
- WOOD WASTE: A CHALLENGE TO INDUSTRY AND SCIENCE. Forest Products Lab., R1631. (1.9 F761R)
- ESTIMATING CULL IN NORTHERN HARDWOODS. Lake States For. Exp. Sta. Paper no. 3. (1.9622 L2St2)
- HOW MANY SMALL FENCE POSTS TO A CORD? Lake States For. Exp. Sta. Techn. Note 269 (1.9 F7625T)

STATISTICAL

- HANDBOOK OF WHEAT STATISTICS FOR MONTANA--ACREAGE AND PRODUCTION 1916-1944, By Districts and Counties. BAE, Oct. 1945.
- DATA ON MAJOR WATER STORAGE RESERVOIRS IN ELEVEN WESTERN STATES. BAE, Dec. 1946. Includes Montana and Wyoming (1.941 L7D26)
- MONTANA AGRICULTURAL STATISTICS, Dec. 1946. Mont. Dept. of Agr. & BAE. Acreage, yield, production, price, value per acre, etc. for various years through 1945.
- COMPILED AGRICULTURAL STATISTICS OF NORTH DAKOTA, July 1944-June 1946 (2 N812R)
- LIVESTOCK ON FARMS Jan. 1, 1947. BAE Crop Reporting Board, Washington, D. C. Number, value per head, etc. listed by state (1.9 Ec742Un)

HOME ECONOMICS

- IRONING MADE EASIER. Wis. Ext. Serv. Spec. Circ. (275.29 W75S Oct. '46)
- THEY LEARN ABOUT BUYING A WASHING MACHINE. Wis. Ext. Serv. Spec. Circ. (275.29 W75S Dec. '46)
- YEAST BREAD AND ROLLS. Ohio Ext. Serv. Bull. 273 (275.29 Oh32)
- COOKING FROZEN FOODS. Ariz. Extension Folder 48 (275.29 Ar42Ext)
- FRUIT ICES--MAKE THEM AT HOME. Cornell Ext. Bull. 708 (275.29 N48E)
- HOME CHEESE MAKING. Mont. Ext. Serv. Circ. 139 (275.29 M76Ci)
- MAKING SOAP AT HOME. Wash. Ext. Serv. Circ. 105 (275.29 W27C)
- RE-UPHOLSTERING FURNITURE AT HOME. Ala. Ext. Circ. 302 (275.29 AllC)
- CLOTHES MOTHS. USDA Leaflet 145, rev. 1947 (1 Ag84L)
- CHILDREN'S CLOTHING. N. J. Ext. Serv. Bull. 242 (275.29 N46)
- BUTTONS AND BUTTONHOLES. Mont. Ext. Circ. 175 (275.29 M76Ci)
- POCKETS. Mont. Ext. Circ. 174 (275.29 M76Ci)
- NECKLINES. Mont. Ext. Circ. 173 (275.29 M76Ci)
- PLACKETS. Mont. Ext. Serv. Circ. 172 (275.29 M76Ci)
- BETTER BUYMANSHIP--PRINCIPLES. Household Finance Corporation, 1947.
- BETTER BUYMANSHIP--MEAT. Household Finance Corporation, 1947. (321.8 H814 no. 6)
- BETTER BUYMANSHIP--HOSIERY. Household Finance Corp., 1947 (321.8 H814 no. 24)
- BETTER BUYMANSHIP--RADIOS. Household Finance Corp., 1947 (321.8 H814 no. 25)
- WORK SIMPLIFICATION IN THE HOME "SEND-FOR" LIST, July 1946. U. S. Ext. Service. (1.913 H3W893)
- HOW TO MAKE LAMPSHADES. Cornell Ext. Bull. 4 (275.29 N48Cm)

GENERAL FARM INTERESTS

- THE CHANGING COMPOSITION OF FAMILY BUDGETS FOR SELECTED GROUPS OF CORN BELT FARMERS, 1940-42, by Willard W. Cochrane and Mary D. Grigg. BAE, Oct. 1946. 107 p. To determine to what extent farm families allocate their income differently when their incomes change and/or their actual size is modified. (1.941 F2C363)
- DESTROYING STUMPS BY CHARPITTING. Wash. Ext. Serv. Bull. 344 (275.29 W27P)
- KILL THAT RAT. Mont. Ext. Serv. Circ. 178 (275.29 M76Ci)
- STUDY YOUR OWN FARM WORK METHODS. Purdue farm work simplification laboratory. (100 In2Pc 307)
- LABOR SAVING FOR FARM AND HOME. Ohio Ext. Serv. Bull. 272 (275.29 Oh32)
- THE SEPTIC TANK SYSTEM FOR RURAL SEWAGE DISPOSAL. Kans. Ext. Serv. Bull. 82, 4th edition (275.29 K13E)
- BEEF CATTLE HOUSING, in the North Central Region of the U. S. S.D. Exp. Sta. Bull. 382 (100 So82B)
- HOG PRODUCTION IN COLORADO. Colo. Ext. Serv. Bull. 388-A (275.29 C71E)
(State if you desire packet of bulletin material pertaining to swine--feeding, housing, etc.)
- THE SAFETY BULL PEN. Mont. Ext. Serv. Circ. 138 (275.29 M76Ci)
- RANGE CONCENTRATES (for cattle & sheep) Mont. Ext. Serv. Circ. 140 (275.29 M76Ci)
- HOW MUCH DID YOUR WOOL BRING? Farm Credit Adm. & U. S. Ext. Serv. Misc. Rept. 103, Jan. 1947 (166.3 M68) Series of cartoons emphasizing that return per fleece is a much more reliable measure of value than price per grease pound.
- HOME TANNING OF LEATHER AND SMALL FUR SKINS. USDA Farmers Bulletin 1334 (1 Ag84F)
- FLOOR PLANS OF FARMHOUSES. Tex. Ext. Serv. Bull. 145 (275.29 T312)
- MISCELLANEOUS
- STARVATION TRUTHS, HALF-TRUTHS, UNTRUTHS, by Frank A. Pearson and Don Paarlberg. N. Y. State College of Agr., Cornell, Aug. 1946. 39 p. (389 P313S) An interesting presentation of facts about which people are starving and to what extent. "If the political, nutritional and moral aspects of food can be reduced to a pattern of fundamentals, and if these are matched with the economic fundamentals, we may yet come out with a complete answer to the food problem. This is not likely to happen. Until it does..."
- THE ROAD AHEAD FOR AGRICULTURE. PROCEEDINGS, NATIONAL FARM INSTITUTE, 9th annual meeting, Feb. 1947, Des Moines. (4 N219)
- EXPERIENCE WITH WARTIME SUBSIDIES, by Jules Backman. Citizens National Committee, Inc. (284.3 B12E)
- AGRICULTURAL RESOURCES OF MEXICO. Inter-American Development Commission, 1946. 95 p. 1946 (281.14 M56)
- THE AGRICULTURAL CONSERVATION PROGRAM FOR MONTANA. 1947 Handbook. PMA, Field Service Branch. 27 p. (1.42 W52F) (Have also Handbook for Kans., N.D., & Wyo.)
- PROCEDURE FOR COUNTY AND STATE OFFICES IN FURNISHING CONSERVATION MATERIALS AND SERVICES. AAA, North Central Region. 32 p. (1.42 N75B)

KNOW YOUR REGION—Vegetation, Ecology, etc.

South Dakota

Plant communities and secondary succession in south-central South Dakota, by W. L. Tolstead. Ecology, v. 22, p. 322-328. 1941.

An ecological study of the mammals of the Badlands and the Black Hills of South Dakota and Wyoming, by A. M. Stebler. Ecology, v. 20, p. 382-393. 1939.

A comparison of used and unused grassland mesas in the Badlands of South Dakota, by Floyd Larson and Warren Whitman. Ecology, v. 23, p. 438-445. 1942.

Alfalfa in South Dakota--21 years of research. S. D. Agr. Exp. Sta. Bull. 383.

North Dakota

Plant Succession on solonetz soils in western North Dakota, by H. C. Hanson & W. Whitman. Ecology, v. 18, p. 516-522. 1937.

Grains for western North & South Dakota. Farmers Bulletin 878. 1921.

Montana

Effects of drought on vegetation near Miles City, Montana, by L. Ellison & E. J. Woolfolk. Ecology, v. 18, p. 329-336. 1937.

Grasshoppers and their effect on sagebrush on the Little Powder River in Wyoming and Montana, by B. W. Allred. Ecology, v. 22, p. 387-392. 1941.

Wyoming

Ecological aspects of the prickly pear problem in eastern Colorado and Wyoming, by G. T. Turner & D. F. Costello. Ecology, v. 23, p. 419-426. 1942.

Important species of the major forage types in Colorado and Wyoming, by D. F. Costello. Ecological Monographs, v. 14, p. 107-134. 1944.

Kansas

Effects of the Great Drought on the prairies of Iowa, Nebraska and Kansas, by J. E. Weaver, and F. W. Albertson. Ecology, v. 17, p. 567-639. 1936.

Replacement of true prairie by mixed prairie in eastern Nebraska and Kansas, by J. E. Weaver. Ecology, v. 24, p. 421-434. 1943.

History of the native vegetation of western Kansas during seven years of continuous drought, by F. W. Albertson and J. E. Weaver. Ecological Monographs, v. 12, p. 23-51. 1942.

Nebraska

The root habits of certain weeds of southeastern Nebraska, by H. E. Cole and A. E. Holch. Ecology, v. 22, p. 141-147. 1941

Germination habits of certain sand-hill plants in Nebraska, by W. L. Tolstead. Ecology, v. 22, p. 393-397. 1941.

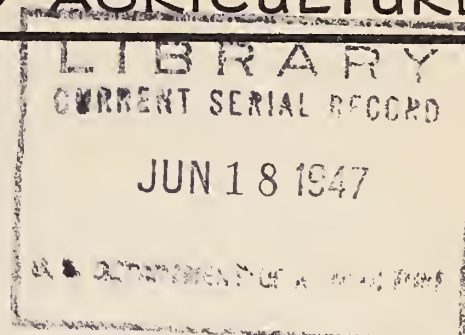
Changes in true prairie vegetation during drought as determined by list quadrats, by J. E. Weaver and others. Ecology, v. 21, p. 357-362. 1940.

Increase of *Sporobolus cryptandrus* in pastures of eastern Nebraska. Ecology, v. 20, p. 374-381. 1939.

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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE



LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA

Vol. 6, No. 6

June 1947

NEW LIBRARY BOOKS

- NEW RICHES FROM THE SOIL--THE PROGRESS OF CHEMURGY**, by Wheeler McMillen. 379 p. 1946 (388 M22) Here the editor of The Farm Journal gives the story of how chemurgy began and expanded. Chemurgy finds new uses for farm crops, industrial utilization of plant raw materials. The book reports practical chemurgic developments, sets down the history of the chemurgic concept and of its organization, and sets out fully the significance and implications of the underlying philosophy.
- TATOOSH**, by Martha Hardy. 239 p. 1947 (145 H22) Martha Hardy spent three months in the summer of '43 as a "lady lookout" for the United States Forest Service. Her post, Tatoosh, is one of the highest peaks in the Cascade Mountains of Washington. A lively account of the details of her experience, and illustrative of the resourcefulness which the Forest Service found in lady lookouts throughout the country during the manpower shortage.
- A COLOR NOTATION**, by A. H. Munsell. 74 p. 10th edition, 1947 (334.2 M922) An illustrated system defining all colors and their relations by measured scales of hue, value, and chroma. Accurate recording of color is a growing necessity in business where it is rapidly increasing in scope and with varied applications. Many attempts have been made to describe color, but trade names are nondescript and absurd, and scientific explanations are unintelligible to the laymen. Those familiar with the Munsell color charts will probably need no introduction to this small book which presents the question of color in a simple, logical manner which, if carefully studied, will bring to anyone interested enough to devote a little time to it, a clear and definite mental conception of all color expression. The book will probably be very helpful to those making soil tests.
- ELEMENTARY PHOTOGRAPHY**, by G. G. Quarles. 338 p. 1940 (332 Q2) This book goes into more detail than the Eastman book listed in last month's Newsletter. "Among those who read this book, either as a text or otherwise, there will probably be some who have had absolutely no experience with photography as well as some who have been taking pictures for years and have acquired a fair proficiency in photographic techniques. The latter will probably feel that they know all there is to know about many phases of the subject and hence be prone to pass too lightly over much that is written here--'what the human race needs is not so much to be instructed as reminded.'" The book aims to be a guide toward both technical and pictorial perfection.

INSECT DIETARY, by Charles T. Brues. 439 p. 1946 (422 B835I) An account of the food habits of insects--herbivorous insects, gall insects, fungi and microbes as foods, predatory insects, parasitism, blood-sucking insects, entomophagous insects. Illustrated. Includes bibliographies.

HUMAN FACTORS IN MANAGEMENT, ed. by Schuyler Dean. 322 p. 1946 (249.3 H79) This selection from the writings of well-known educators and executives explores and evaluates human relations problems of the Worker and the Executive. Starting with a section on the nature and conditions of leadership, by Ordway Tead, Chester Barnard and others, we take up the training of leaders in human relations, the interaction of leaders and followers, human relations at the work level, and the use of counseling to facilitate adjustments. Integrating the important results of research in a new field, the book is planned to be of service not only to top executives but to everyone who deals with human beings.

ECONOMICS OF PRIVATE FORESTRY, by R. W. Marquis. 213 p. 1939 (99.7 M34) The purpose of this volume is to consider the economic problems that affect the private forest operator in relation to his plans for sustained yield or liquidation. A reference book for foresters, forestry students, forest owners, and students of economics and political economy who are interested in this phase of the conservation problem.

MAMMALIAN GENETICS, by Wm. E. Castle. 169 p. 1940 (443 C27M) The author provides here an introduction to the study of heredity in that branch of the animal kingdom with which most persons are best acquainted and which includes the domestic animals and man. A text for students in high schools, junior colleges, and agricultural colleges.

AGRICULTURAL PRICE ANALYSIS, by Geoffrey S. Shepherd. 227 p. 2d edition, 1947. (284.3 Sh4Ag) About three-quarters of the present book consists of a revision of the second half of the edition of 1941. The book begins with long-time movements of agricultural prices over the past 150 years, shows the causes of those movements, and projects a long-time forecast into the future. It then deals similarly with short-time movements, and with cyclic movements in the prices of individual farm products. Then comes an analysis of irregular annual movements. The book ends with an appraisal of the statistical significance of the results of price analyses. Addressed to farmers, farm leaders, legislators, administrators, and all students of agricultural price problems.

THE POTATO, ITS CULTURE, USES, HISTORY AND CLASSIFICATION, by Wm. Stuart. 491 p. 4th edition, 1928 (75 St9) Many illustrations, some in color. Includes classification and description of commercial varieties. Chapters cover production in different parts of the country, crop rotation, preparation of soil, harvesting, diseases, storage houses, industrial uses, etc.

LECTURES ON THE INORGANIC NUTRITION OF PLANTS, by D. R. Hoagland. 226 p. Chronica Botanica Co., 1944. (463.34 H65) Presents a general perspective of several important aspects of the field. "Underlying the plan of these discussions is the thought that some students of the plant sciences, especially among those who are not primarily concerned with the literature of plant nutrition, may find it worthwhile to gain such impressions of this complex field of study as can be offered in highly compact form." Absorption and accumulation of salts by plant cells; Upward movement and distribution of inorganic solutes in the plant; The growth of plants in artificial media in relation to the study of plant nutrition; Aspects of the potassium nutrition of plants as illustrating problems of the system, soil-plant-atmosphere; etc.

GENERAL FARM INTERESTS

- FARM FISHPONDS. USDA Farmers' Bull. 1983. 1947 (1 Ag84F)
- BUILDING YOUR DAIRY BARN. Wyo. Ext. Serv. Circ. 95 (275.29 W99C)
- FARM WIRING GUIDE. General Electric Co. (335 G28Fa)
- NEW WEED KILLER. (1.914 R2R11) A USDA program on "American Farmer" (State if you wish us to include additional material on 2,4-D, etc.)
- MECHANICAL MILK COOLING ON FARMS. USDA Farmers' Bull. 1818 (1 Ag84F)
- WHAT ABOUT CATERPILLAR DIESEL POWER FOR GRAIN FARMING? Caterpillar Tractor Co. (58 C28W)
- HARVESTING WITH COMBINES. USDA Farmers' Bull. 1761 (1 Ag84F)
- THE SANITARY PRIVY. Kans. Engineering Bull. 19 (290.9 K132)
- THE PREVENTION OF MECHANICAL INJURY DURING TRANSIT OF NEW-CROP POTATOES. Calif. Exp. Sta. (280.575 B23)
- KNOW YOUR FARM SEEDS. Mo. State Bd. of Agr. (Reprint File)
- PRECISION PLANTING EQUIPMENT, by Roy Bainer. Reprint from Agricultural Engineering, Feb. 1947,
- TREES IMPROVE YOUR FARM. Wyo. Ext. Serv. Circ. 27, rev. 1947 (275.29 W99C)
- CONSUMER PREFERENCES FOR SWEET POTATOES. N. C. Agr. Exp. Sta. Bull. 82. 1947, (100 N81T)

CROPS, ETC.

- CRIMSON CLOVER. USDA Leaflet 160, rev. 1947 (1 Ag84L)
- HOW TO PRODUCE HIGH-PROTEIN HAY. J. I. Case Company, 1946 (60.1 C26)
- PERFORMANCE TESTS OF CORN VARIETIES AND HYBRIDS, 1946. Okla. Agr. Exp. Sta. Bull. 306. 1947 (100 Ok4B)
- CORN, ITS PRODUCTS AND USES, by J. H. Shollenberger and Carol M. Jaeger, Northern Regional Research Lab., Peoria, Ill. BAIC ACE Series, no. 121, rev. 1947. (1.952 A2Ag8)
- SEED CORN DRYING IN VIRGINIA: FACTS AND FIGURES. Va. Agr. Exp. Sta. Bull. 401. (100 V81Sb)
- WHEAT AND SMALL-GRAIN HARVEST MAP OF GREAT PLAINS STATES.
- INDIANA SOYBEAN VARIETY TESTS AND VARIETY RECOMMENDATIONS. Ind. Agr. Exp. Sta. Circ. 322. 1947 (100 In2Pc)
- COMPARATIVE EFFECTS OF SEASON, LOCATION, AND VARIETY ON THE YIELD AND QUALITY OF NORTH DAKOTA HARD RED SPRING WHEAT. N.D. Agr. Exp. Sta. Bull. 342 (100 N816B)
- WINTER WHEAT, BARLEY, AND RYE. Cornell Ext. Serv. Bull. 650 (275.29 N48E)
- EFFECT OF FERTILIZER AND ENVIRONMENT ON THE CALCIUM, PHOSPHORUS, AND IRON CONTENT OF COWPEAS. Ga. Agr. Exp. Sta. and others (100 G29So no. 4)
- THE CONTROL OF THE CLOVER-FLOWER MIDGE. USDA Farmers' Bull. 971, rev. 1947. (1 Ag84F)
- CORRECTIVE SHEEP BREEDING. New Mex. Agr. Exp. Sta. Bull. 334. (100 N465B)

WRITING-AID BULLETINS

- TRANSLATING AGRICULTURAL RESEARCH INTO READABLE NEWSWRITING, by T. Swan Harding.
1946 (1.914 P2H21)
- A GUIDE TO WRITING FOR SOIL CONSERVATION SERVICE WRITERS, by Wm. C. Pryor.
1945 (1.96 R27Gn)
- ARE YOU WRITING FOR YOUR READER? by N. Von Dorster. 1946 (1.913 S2V89)
- WRITE WITH A SIZZLE. Better Farming Methods, Nov./Dec. 1945, p. 14, 21.
- WRITING HUMAN-INTEREST STORIES. La. Ext. Serv. Circ. 264 (275.29 L93C)
- RECIPE FOR WRITING THE AG NEWS STORY. La. Ext. Serv. Circ. 257 (275.29 L93C)
- LIMING OHIO'S ACID SOILS (275.29 Oh32 268 Mss.) Mimeographed manuscript, a "before" exhibit of writing, of Harper's Magazine level; and LIMING OHIO'S ACID SOILS (275.29 Oh32 268) an "after" exhibit of the same article rewritten and reorganized to Reader's Digest level.

HOME ECONOMICS

- MODERN HOME DYEING. So. Dak. Agr. Ext. Serv. Circ. 420 (275.29 So85C)
- CONVENIENCE IN KITCHEN DRAWERS. Mont. Ext. Serv. Circ. 161 (275.29 M76Ci)
- CONVENIENCE IN KITCHEN CUPBOARDS. Mont. Ext. Serv. Circ. 162 (275.29 M76Ci)
- STIMULATING HENS TO SET. Ala. Agr. Exp. Sta. Mimeog. Ser. 1 (100 A11M)
- CULINARY PREPARATION AND USE OF SOYBEANS AND SOYBEAN FLOUR. Mo. Agr. Exp. Sta. Bull. 485 (100 M693B)
- INFLUENCE OF COOKING PROCESSES ON FOOD NUTRIENTS. N. C. Agr. Exp. Sta. Bull. 81.
- RURAL HANDICRAFTS IN THE UNITED STATES. USDA Miscel. Pub. 610 (100 Ag84M)
- FIRMING APPLE SLICES. BAIC AIC Series 153 (1.932 A2Ag82)

MISCELLANEOUS

- IMPORTANT RECENT ACHIEVEMENTS OF DEPARTMENT OF AGRICULTURE SCIENTISTS. Jan. 1947
(1.90 A2Un32 no. 6)
- EFFECTS OF FEDERAL LEGISLATION ON THE FUTURE OF AGRICULTURE. Talk by Secretary Clinton P. Anderson, Jan. 1947 (1.91 A2An2)
- POSTWAR DEVELOPMENTS IN FARM SECURITY. Annual Report of the Farm Security Administration for 1945-46 (1 Ag84)
- STATE FOREST TAX LAW DIGEST OF 1945. Prepared by Division of Forest Economics, U. S. Forest Service, Dec. 1945. (Includes South Dakota and Kansas)
- THE FARM SECURITY ADMINISTRATION--A BRIEF REPORT OF TEN YEARS SERVICE. 6 p.
Aug. 1946 (1.95 F2255)
- THE FARM FOUNDATION, 1933-1945. (281.9 F223) Origin, objectives, organization, land tenure, rural church, family-sized farm, scope of work, etc. 55 p.
- ADMINISTRATION OF THE GRAZING SERVICE. Senate final report of the Committee on public lands and surveys pursuant to S. Res. 139. 1947.
- POSTWAR ALASKA. U. S. Dept. of the Interior. 29 p.

MISCELLANEOUS (Continued)

- GOVERNMENTAL AGENCIES OF THE STATE OF KANSAS 1861-1946, by Bessie E. Wilder.
Univ. of Kansas Gov. Research Series no. 4. Basic information regarding 563
state agencies which have passed across the political scene in Kansas.
- WORLD FOOD APPRAISAL FOR 1946-47. Food and Agriculture Organization of the United
Nations. 15 p. (389 F738W)
- LIFE INSURANCE FOR FARM FAMILIES. USDA Miscel. Pub. 621 (1 Ag84M)
- WYOMING STATE DEPARTMENT OF AGRICULTURE BIENNIAL REPORT, 12th, 1945-1946 (2 W99B)
- OBSTACLES TO MULTILATERAL TRADE. National Planning Pamphlet no. 59. 45 p. April
1947 (280.9 N2153)
- THE STRUGGLE FOR ATOMIC CONTROL. Public Affairs Pamphlet no. 129. 32 p. April
1947 (280.9 P964)
- WAR AND HUMAN NATURE. Public Affairs Pamphlet no. 125. 31 p. Jan. 1947 (280.9
P965)
- AMERICA'S STAKE IN WORLD TRADE. Public Affairs Pamphlet no. 130. 32 p. May
1947 (280.9 P964)
- REPORT ON THE AGRICULTURAL EXPERIMENT STATIONS, 1946. USDA Office of Experiment
Stations, March 1947. 172 p. (1 Ex6)
- MARKETING MARGINS AND COSTS FOR LIVESTOCK AND MEAT. USDA Techn. Bull. 932 (1Ag84Te)
- BIBLIOGRAPHY ON AVIATION AND ECONOMIC ENTOMOLOGY. USDA Bibliog. Bull. no. 8, Apr.
1947 (1 Ag84Bi)
- SOME ACCOMPLISHMENTS MADE FROM 1920 TO 1946, AMERICAN FARM BUREAU FEDERATION.
(4 An31A)
- LIVESTOCK DIRECTORY FOR SOUTH CAROLINA. Directory of registered purebred beef and
dairy cattle, and hogs, issued by S. C. State Dept. of Agr. (225 So822)
- SUGAR BEET PRODUCTION COST ANALYSIS (For Imperial County, California, 1946)
(275.29 C12En)
- PACKAGE BEES FOR HONEY PRODUCTION. Ohio Agr. Ext. Bull. 159 (275.29 Oh32)
(State if you desire packet of material on bees and beekeeping in general)
- INTERRELATED EFFECTS OF FOOD, TEMPERATURE, AND HUMIDITY ON THE DEVELOPMENT OF THE
LESSER MIGRATORY GRASSHOPPER. Okla. Agr. Exp. Sta. Techn. Bull. T-26 (100 Ok4T)
- INVESTIGATIONS WITH DDT AND OTHER NEW INSECTICIDES. A progress report prepared
by Div. of Ent. and Parasitology, Univ. of Calif, Nov. 1946. (100 C12Sc 365)
(State if you desire packet of bulletin material on DDT)
- SOIL MOISTURE MEASUREMENTS AID WHEAT GROWERS IN GREAT PLAINS. USDA Research
Achievement Sheet 73 (1.98 R31)
- INDUSTRIAL UTILIZATION OF AGRICULTURAL RESIDUES. 2 p. BAIC AIC Series 141 (1.932
A2Ag82)
- PRESENT INFORMATION ON THE MESQUITE PROBLEM. Texas Agr. Exp. Sta. Progress Report
1056 (100 T31P)
- FUR FARM ASSOCIATIONS. BAI A. H. D. Series no. 81 (1.9 An52Ah) Directory, by
State.

SOME MATERIAL IN THE LIBRARY ON GRASSES

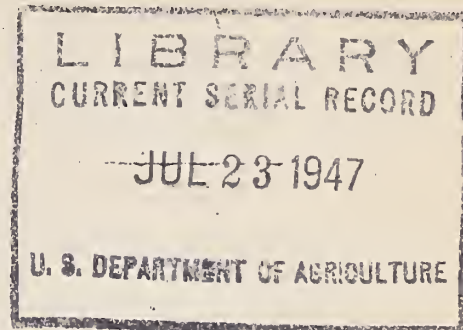
- A key to the grasses of Montana, by C. L. Hitchcock.
- Grasses in Kansas (2 K13R no. 220-A)
- Grasses adapted to the Northern Great Plains. Your farm, March 1947.
- Important grasses and other common plants on Montana ranges (100 M76B no. 375)
- The common native grasses of Nebraska (100 N27C no. 59)
- Revegetation of meadows, pastures, ranges, Northern Great Plains.
- New Russian grasses show great promise for seeding Colorado ranges and pastures.
Colorado farm bulletin, July-Aug. 1945.
- Cultivated grasses of secondary importance. Farmers Bulletin 1433.
- Important cultivated grasses. Farmers Bulletin 1254.
- Grasses in the conservation of soil and wildlife (1.96 Op2Gr)
- Establishing grass on land not suited for cropping in northwest Kansas (1.9607 Es8)
- Native and adapted grasses for conservation of soil and moisture in the Great Plains and western states. 1939. Farmers Bulletin no. 1812.
- Who's who among the prairie grasses.
- Reseeding to increase the yield of Montana range lands. Farmers Bulletin 1924.
- Grassland husbandry, by H. Ian Moore, 1943. 112 p. (60.1 M78)
- First book of grasses; the structure of grasses explained for beginners, by Agnes Chase (452.3 C38)
- Forage plants and their culture, by C. V. Piper. 644 p. 1939 (60 P66)
- Comparison of some soil conserving grasses. Amer. Soc. of Agronomy Journal, Aug. 1946.
- Production of grasses for seed production with special reference to application of fertilizer--a bibliography covering 1937-1947.
- Key to some Colorado grasses in vegetative condition (100 C719t no. 33)
- Manual of grasses of the United States, by A. S. Hitchcock. 993 p. 1935
USDA Miscel. Pub. no. 200.
- Range plant handbook. Prepared by U. S. Forest Service. 1937 (1. F76Rp)
- Native American forage plants, by A. W. Sampson. 422 p. 1924 (60 Sa4)
- Reseeding to increase the yield of Montana range lands. Farmers Bulletin 1924.
- Grasses and cultural methods for reseeding abandoned farmlands in southern Idaho (100 IdLB no. 267)
- Nature and degree of recovery of grassland from the great drought of 1933 to 1940, by J. E. Weaver and F. W. Albertson. Ecological monographs, v. 14, p. 393-
- Rootrots of cereals and grasses in North Dakota (100 N813B no. 332)
- Source of grass seed important for best reseeding of ranges, pastures, tests show. Colorado farm bulletin, Sept-Oct. 1944.
- Effects of drought, dust, and intensity of grazing on cover and yield of short-grass pastures. Ecological monographs, v. 14, p. 1-
- A seven year quantitative study of succession in grassland, by J. E. Weaver. Ecological monographs, v. 15, p. 297-

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LIBRARY NEWSLETTER

U. S. DEPARTMENT of AGRICULTURE



LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA

Vol. 6, No. 7

July 1947

NEW LIBRARY BOOKS

FOR THIS WE FOUGHT, by Stuart Chase. 123 p. 1946 (280.12 C38F) What plan will keep us from drifting? Can the American Scene attain guiding purposes and principles that will make us prepared to meet crises? Veterans and civilians want economic security and lasting peace, and Stuart Chase has made this exploratory report to see what can be done about the disillusion which has set in. Will it be every man for himself, every pressure group for itself? We have learned that it is possible for America to have anything it wants in a material way if it wants it bad enough. Mr. Chase sets up several plans for consideration in this business of attaining essential services and security for the masses. The book provides pleasant reading and a basis for discussion of some of the possible alternatives.

ECONOMICS IN ONE LESSON, by Henry Hazlitt. 222 p. 1946 (280 H332 Ed. 4) John W. Hanes, former Undersecretary of the Treasury says, "Every now and then an unusual book appears which quickly becomes 'must' reading for the nation's top business and political leadership. Such a book is 'Economics in One Lesson'-- if there were a Nobel prize for clear economic thinking, Mr. Hazlitt's book would be a worthy recipient. Its penetrating analysis sharply outlines the major economic fallacies which, during the war period and the preceding decade, not only harassed American business but have made post-war recovery difficult. It is in no sense a political book; like a surgeon's scalpel it cuts through, objectively and impartially, much of the economic nonsense that has been written in recent years about our economic ailments."

THE HOLY EARTH, by Liberty Hyde Bailey. 117 p. 1915. Reprinted, 1946, in cooperation with the author by the Christian Rural Fellowship (30.4 B15) This book is the expression of an attitude--a philosophy of rural life and an idea of what our conduct toward the earth should be. Its theme is even more applicable to the conditions of today than it was to conditions that prevailed when it was written 28 years ago. The author follows the ethical implications of man's relation to the earth--"I am not thinking of any new plan or any novel kind of institution or any new agency...It is the personal satisfaction in the earth to which we are born and the quickened responsibility, the whole relation, broadly developed, of the man and of all men.--it is this attitude that we are to discuss." These responsibilities include the right use of the land, the recognition of the fundamental values in rural life including the development of group responsibility, and the "raising up of a population less responsive to cash than to some other stimuli."

STATE AND LOCAL FINANCE IN THE NATIONAL ECONOMY, by A. H. Hansen and H. S. Perloff. 305 p. 1944 (284 H193S) Undertakes an analysis of federal responsibilities and intergovernmental relations. One chapter sets out four alternative postwar federal budgets, and shows how these gear into different levels of private investment activity, and also to the budgets of state and local governments. Another chapter presents reorganized federal, state, and local governments. Another chapter presents a reorganized federal, state, and local postwar tax program. State and local tax defects, ways and means of modernizing local government, and programs for urban redevelopment are discussed.

ELEMENTS OF SOIL CONSERVATION, by Hugh Hammond Bennett. 385 p. 1947 (56.7 B43E) Offers a comprehensive presentation of the problems of soil erosion and soil exhaustion, and tested methods of solving these problems through modern soil conservation techniques. Easy-to-understand, concrete language and interesting style. Questions providing material for classroom discussion follow each chapter, and the book contains a helpful list of correlated visual aids, motion pictures and film strips.

HANDBOOK OF THE TREES OF THE NORTHERN STATES AND CANADA EAST OF THE ROCKY MOUNTAINS, by R. B. Hough. 464 p. 1947 printing (454 H812) This book appeals alike to the amateur observer of trees, the lumberman, the student and the technical botanist, because of the quick and accurate identification made possible by profuse photographs. Every two pages facing each other are devoted to a species. In each case, the leaves, fruits and leafless twigs in winter are photographed on a background of one-inch squares, so that actual size is easily evident. Outline maps show areas of distribution.

THE BEST FROM MIDWEST KITCHENS, by Ada B. Lothe, Breta L. Greim, and Ethel M. Keating. 274 p. 1946 (389.25 L912) Three Middle Westerners, all professional dieticians, have gathered together more than 700 recipes and presented them with an introductory chapter on the history and development of Midwest cooking. "A guidebook to good American eating, enriched by the prized dishes of Swedish, Norwegian, Danish, Polish, German, French and English settlers."

PRESSURE COOKERY, by Leone R. Carroll. 163 p. 1947 (389.25 C23) Directions for preparing a wide assortment of dishes in any type of pressure cooker. Includes a chart showing the general types of pressure pans on the market and how each solves the cooking problem involved. The author was formerly a food specialist with the U. S. Department of Agriculture.

FORESTS AND MAN, by S. R. Powers and Charlotte Grant. Bureau of Educational Research in Science, Teachers College, Columbia University. 1942 (99.06 P87) This pamphlet is the second of a group of six dealing with biological resources. Useful for students in high schools. Tells of the change in American forests over a period of years, the relation of forests to human welfare, and the conservation of our forests. Chapters are: Forest products; Forests and agriculture; Forests and water control; Forests and wildlife; Enemies of the forest.

TESTED PUBLIC SPEAKING, by Elmer Wheeler. 173 p. 1945 (145.2 W56) Better Farming Methods notes that "agricultural leaders who train public speakers and who do considerable speaking before farm audiences will find it an invaluable guide to every man who wants to make his speeches 'click.' The author shows you the importance of the 'sizzle' in a speech--tells you how to find it--how to use it. It gives you helpful pointers on building a speech--tells you how to act on the platform--how to get the attention from the audience--what to do when distractions occur. Tells you how to let the audience sniff the sizzle in the first ten seconds of a speech."

SOILS, CONSERVATION, ETC.

- USE OF SULFUR ON DISPERSED SOILS. SCS, Albuquerque. R. B. 102 (1.9608 R26)
LAND USE REGULATION IN SOIL CONSERVATION DISTRICTS. SCS MP-29 (1.9 Ad6Mp)
CONSERVATION AND LAND USE INVESTIGATIONS. Okla. Agr. Exp. Sta. Bull. 309.
(100. Ok4B)
METHODS OF SOIL ANALYSIS FOR SOIL-FERTILITY INVESTIGATIONS. USDA Circ. 757.
(1 Ag84C)
SOIL FERTILITY IN ITS BROADER IMPLICATIONS, by Wm. A. Albrecht, 1944. N. H. Ext.
Serv. Bull. 66 (275.29 N48B)

FORESTRY

- FARM FORESTRY IN THE EASTERN UNITED STATES, by J. A. Cope. 40 p. Charles
Lathrop Pack Forestry Foundation, 1943 (99.55 C79) A study of methods used
by public and private agencies to interest farmers in the proper management of
their woodlands.
NORTHEASTERN LOGGERS' HANDBOOK: LOADING. By Fred C. Simmons. Northeastern Forest
Exp. Sta., Philadelphia (1.9622 N2N81 14)
CULTURE, DISEASES, AND PESTS OF THE BOX TREE. USDA Farmers' Bull. 1855 (1 Ag84F)
TIMBER SHORTAGE OR TIMBER ABUNDANCE? Report of the Chief of the Forest Service,
1946. 42 p. (1 Ag84)

CORN, GRAINS

- HANDLING AND STORING AND FEEDING SOFT CORN. Ill. Ext. Serv. AEng 402, rev. 1945.
(275.29 IL62Pa)
THE OKLAHOMA SMALL GRAIN TESTING PROGRAM. Okla. Agr. Exp. Sta. Bull. 308.
(100 Ok4B)
HOW THE CORN BREEDER PUTS INSECT RESISTANCE INTO MODERN HYBRID CORN, by Dr. J. R.
Holbert, director, Funk Hybrid Corn Research Staff (59.22 F963Ho)
CLASSIFICATION OF BARLEY VARIETIES GROWN IN THE UNITED STATES AND CANADA IN 1945.
USDA Techn. Bull. 907 (1 Ag84Te)
SMALL GRAIN VARIETAL EXPERIMENTS FOR SOUTHERN ARIZONA. Ariz. Agr. Exp. Sta. Bull.
191 (100 Ar4B)
HARVESTING SMALL GRAINS AND UTILIZATION OF THE STRAW. BAE FM 66 (1.941 L6F22)

HOME ECONOMICS

- BEFORE YOU BUY ELECTRICAL HOUSEHOLD EQUIPMENT: Tenn. Ext. Serv. Leaflet 85.
(275.29 T25L)
WHEN YOU BUY FURNITURE. Tenn. Ext. Serv. Leaflet 86 (275.29 T25L)
A GLIMPSE INTO BARREL FURNITURE. Utah Ext. Serv. Bull. 139 (275.29 Ut1)
PUT A GAY NEW FACE ON OLD CHAIRS. Utah Ext. Serv. Bull. 140 (275.29 Ut1)
CONVENIENT KITCHENS. Mich. Ext. Serv. Bull. 185 rev. (275.29 M58B)
APPROPRIATE FINISHES (in sewing) Okla. Ext. Serv. Circ. 269 (275.29 Ok41C)
FINE RUGS FROM FAMILY RAGS. Utah Ext. Serv. Bull. 141 (275.29 Ut1)
A HOME MANAGEMENT YARDSTICK. A device for measuring achievement in home manage-
ment. Mich. Agr. Exp. Sta. Folder 6 (100 M58F)
COMPOSITION, DIGESTIBILITY AND ENERGY VALUES OF SOME HUMAN FOODS. Tex. Agr. Exp.
Sta. Bull. 680 (100 T31S)

DAIRYING, LIVESTOCK, ETC.

- DAIRY INDUSTRY IN KANSAS. Report of the Kansas State Board of Agr. (2 K13R no.275)
- THE PROBLEM OF DIFFICULT BREEDING IN DAIRY CATTLE. Me. Ext. Serv. Bull. 335
(275.29 M281B)
- SOME EFFECTS OF TYPES OF SHELTER UPON DAIRY CATTLE. N. D. Agr. Exp. Sta. Bull. 344.
(100 N813B)
- THE MILK PRODUCER'S FEED GUIDE. Mont. Ext. Serv. Circ. 169 (275.29 M76Ci)
- PASTURE MANAGEMENT FOR THE PREVENTION OF ONION FLAVOR IN MILK. Tenn. Ext. Serv.
Leaflet 89 (275.29 T25L)
- THE DAIRY COW AS A CONSERVER OF SOIL FERTILITY. N. J. Agr. Exp. Sta. Bull. 730
(100 N46Sb)
- PRELIMINARY RESULTS OF FEEDING DIFFERENT MINERAL MIXTURES TO DAIRY CATTLE AND BEEF
CATTLE WHILE ON PASTURE. Ga. Agr. Exp. Sta. Circ. 151 (100 G29S)
- BEEF PRODUCTION IN COLORADO. Colo. Ext. Serv. Bull. 389-A (275.29 C71E)
- PEANUT MEAL AND COTTONSEED MEAL AS PROTEIN SUPPLEMENTS IN RATIONS FOR FATTENING
YEARLING STEERS. Tex. Agr. Exp. Sta. Bull. 685 (100 T31S)
- VARIATION AMONG LAMB CARCASSES IN THE B VITAMIN CONTENT OF MEAT. Tex. Agr. Exp.
Sta. Progress Rept. 1054-8 (100 T31P)

TURKEYS AND POULTRY

- GROWTH AND DEVELOPMENT IN THREE TYPES OF TURKEYS. N. D. Agr. Exp. Sta. Bull. 343
(100 N813B)
- PROFITABLE TURKEY MANAGEMENT, by S. W. Hamilton. 6th ed. Beacon Milling Co.
(47.3 H18)
- ANEMIA OF FOWLS. Ill. Agr. Exp. Sta. Circ. 467 (100 IL6Sc)
- FEEDING AND MANAGEMENT OF BREEDERS (Poultry Pointers) Wash. Ext. Serv. Bull. 348
(275 29 W27P)
- BEST-CHOICE FEEDING OF LAYING HENS. N. D. Agr. Exp. Sta. Bull. 345 (100 N815B)
- FOWL TYPHOID TRANSMISSION. Del. Agr. Exp. Sta. Bull. 262 (100 D37Sb)

HOUSE PLANS, ETC.

- WHAT IS A GOOD FARM HOUSE. Minn. Ext. Serv. Folder 134. 1945 (275.29 M66Ex)
- FARM BUILDING PLANS. Booklet of sketches of farmstead improvements developed by
the Farm Security Administration, prepared primarily to assist FSA borrowers
in selecting a suitable farm home, outbuildings and other facilities. 1943.
- YOUR FARMHOUSE--CUT-OUTS TO HELP IN PLANNING. USDA Miscel. Pub. 622 (1 Ag84M)
- BASIC IDEAS FOR RURAL HOMES. Utah Ext. Serv. Bull. 137 (275.29 Ut1)
- PLANNING AND DEVELOPING HOME GROUNDS FOR CONVENIENCE AND LIVING. Utah Ext. Serv.
Bull. 136 (275.29 Ut1)
- REMODELING THE U SHAPE HOUSE. Mo. Ext. Serv. Plan no. 12-710 (275.29 M69P1)
- FARM HOUSE PLANNING--Points to keep in mind. Nebr. Ext. Serv. Circ. 714. 2 p.
1941. (275.29 NE70Lx)
- SEASON YOUR HOUSE--Prevent warp, shrinkage, stain and mildew. Ill. Ext. Serv.
Circ. 517 (275.29 IL62C)
- PUBLICATIONS HELPFUL IN BUILDING AND REMODELING FARM STRUCTURES. BPISAE Informa-
tion Series, no. 68, 1945 (1.9 R531I)

GENERAL FARM INTERESTS

- BRUSH AND TREE REMOVING MACHINERY. Okla. Agr. Exp. Sta. Bull. B-310 (100 Ok4B)
- BRUSH MOWING MACHINES. Okla. Agr. Exp. Sta. Mimeo. Circ. M-154 (100 Ok4M)
- PRELIMINARY REPORT OF CHEMICALS FOR BRUSH CONTROL. Okla. Agr. Exp. Sta. Mimeo. Circ. M-164 (100 Ok4M)
- MILLARD'S FARM EQUIPMENT DIRECTORY, 1946 (225 M61)
- BUILDING A HOME FREEZER. Cornell Ext. Serv. Bull. 705 (275.29 N48E) (State if you desire packet of bulletin material on home freezer lockers, freezing farm foods, frozen foods, zero storage cabinets, etc.)
- HOW TO BUILD A SEPTIC TANK. Okla. Ext. Serv. Circ. 339 (275.29 Ok41C)
- BUILDING A GREASE TRAP OF CONCRETE. Tex. Ext. Serv. MS-626 (275.29 Ut1Ms)
- COLOR STANDARDS FOR McINTOSH APPLE LEAVES. Cornell Agr. Exp. Sta. Bull. 824. (100 N84Cb)
- THE USE OF THE JEEP AND THE ONE-HALF TON ARMY TRUCK ON THE FARM. Wash. Agr. Exp. Sta. Bull. 477 (100 W27Eb)
- RECOMMENDED VARIETIES OF FARM CROPS FOR MONTANA, 1947. Mont. Agr. Exp. Sta. Circ. 188 (100 M76C)
- MONTANA INSECT PESTS 1945 and 1946. 30th Report of the State Entomologist. Mont. Agr. Exp. Sta. Bull. 442 (100 M76B)

MISCELLANEOUS

- THE BIG 4 IN GERMANY. National Planning Pamphlet no. 54 (280.9 N2153)
- THE FUTURE OF GERMAN REPARATIONS. National Planning Pamphlet no. 57 (280.9 N2153)
- KEEPING UP WITH TEEN-AGERS. Public Affairs Pamphlet no. 127 (280.9 P964)
- DESTRUCTIVE FLOODS IN THE UNITED STATES IN 1903. Water-Supply and Irrigation Paper no. 96. (An old bulletin recently supplied us by the U. S. Geological Survey) (407 G29W)
- HEARINGS ON IRRIGATION AND RECLAMATION, Feb. 1947.
- HEARINGS ON FARM PROGRAM OF THE AMERICAN FARM BUREAU FEDERATION, Feb. 1947.
- THE BALANCE SHEET OF AGRICULTURE, 1946. USDA Miscel. Pub. 620, Jan. 1947 (1 Ag84M)
- MINUTES OF THE MEETING OF LAND-GRANT COLLEGE DEPT. COMMITTEE ON TRAINING FOR GOVERNMENT SERVICE, April 1947 (249.39 L22M)
- YEAR BOOK, CARNEGIE INSTITUTION OF WASHINGTON, 1945-1946 (500 C21) Reports of departmental activities--Division of plant biology, Dept. of embryology, Dept. of genetics, Geophysical laboratory, etc.
- NEW RELATIONSHIPS BETWEEN FOOD PRODUCTION AND FOOD DISTRIBUTION, an address by E. A. Meyer, Administrator, Research and Marketing Act, before the National American Wholesale Grocers Assn., Jan. 1947 (1.9422 In2M57)
- SOUTH DAKOTA COMMITTEEMAN'S PRACTICE HANDBOOK, Field Service Branch, PMA, Apr. 1947 (1.42 W52F)
- PUBLICATIONS ON FUR FARMING, INCLUDING RABBITS. List of BAI pubs. and others, Oct. 1946 (1.9 An52Ah no. 82)
- 56th ANNUAL REPORT OF WYOMING AGR. EXP. STATION, 1945-46 (100 W99A)

SOME MATERIAL IN THE LIBRARY ON IRRIGATION

- Irrigation principles and practices, by O. W. Israelsen. 422 pages. 1932.
- Irrigation practice and engineering, by B. A. Etcheverry. 3 vols. 1915 (55 Et1)
- Irrigation engineering, by A. P. Davis. 640 pages. 1919 (55 D292I)
- Measurement of irrigation water. U. S. Bur. of Reclamation, 5th ed., 1940 (156.85 K16)
- Irrigation sprinkler characteristics. Agricultural Engineering, April 1947, p.160-
- Erosion as a function of the size of the irrigating stream and the slope of the eroding surface. Soil Science, Sept. 1946, p. 233-242.
- Comparison performances of metallic and plastic siphons for irrigation. Agricultural Engineering, Oct. 1946, p. 469-470.
- Farm irrigation investigations and research in the seventeen western states. Agricultural Engineering, Oct. 1946, p. 461-464.
- Salt problem in irrigation agriculture; research at the U. S. Regional salinity laboratory. USDA Misc. Pub. 607 (1 Ag84M)
- Measuring water for irrigation. Cal. Agr. Exp. Bull. 588 (100 C12Sb)
- Farm irrigation structures. Cal. Agr. Exp. Sta. Circ. 362 (100 C12Sc)
- Practical and inexpensive irrigation head-gate frame that is easy to make. Colo. Agr. Exp. Sta. Farm Bull. Sept. 1945 (100 C71Sfb)
- Sprinkler irrigation. Wash. Ext. Serv. Bull. 336 (275.29 W27P)
- Clay lining of canals proving to be relatively permanent. Utah Farm & Home Science, Sept., 1944, p. 14-15.
- Linings for small irrigation ditches. Colo. Agr. Exp. Sta. Farm Bull., Mar. 1946.
- Measurement of irrigation water on the farm. Colo. Ext. Serv. Bull. D24 (275.29 C71B)
- Factors affecting value of land and water in irrigated land. Journal of Land & Public Utility Economics, Aug. 1945, p. 250-258.
- Water-application efficiencies in irrigation. Utah Agr. Exp. Sta. Bull. 311 (100 Ut1B)
- Irrigation pumping plants, construction and costs. Kans. Agr. Bd. Rept. 251. 1942. (2 K13R)
- Supplementary irrigation in western South Dakota. S. D. State Planning Board. 50 p. 1937 (280. 7 So82Su)
- Development of agricultural land for irrigation. Agri. Engineering, Dec. 1944.
- Farm management survey of pump irrigated farms in Buffalo county, Nebr. Nebr. Agr. Exp. Sta. Bull. 358. 1943 (100 N27B)
- Farm garden irrigation. Kans. Ext. Serv. Circ. 158. 1942 (275.29 K13Ex)
- Irrigation development and area adjustment in the Great Plains, by J. L. Paschal and P. L. Slagsvold. Journal of Farm Economics, May 1943, p. 433-443.
- Study of garden irrigation. Agricul. Engineering, Mar. 1943, p. 75-
- Irrigation of sugar beets grown for seed. USDA Circ. 658. 1942 (1 Ag84C)
- Great variation shown in amount of water applied in single irrigations of farm crops. Colo. Agr. Exp. Sta. Farm Bull. May 1944, p. 5-8.



LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE



LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA

Vol. 6, No. 8

August 1947

NEW LIBRARY BOOKS

THE OUTER EDGE, by Bradford Kempton Daniels. 326 p. 1943 (281.2 D22)

Once a globe trotter and a contributor to magazines, including the Atlantic Monthly, Bradford K. Daniels decided to return to the traditional peace and security of the earth as a man of the soil. The project became a life-long adventure. Unlike so many contemporary authors, he had no axe to grind when he wrote The Outer Edge. In these days of turmoil and unrest he has preserved his moral balance and created a full, wholesome life for himself and his family. In his easy flowing style he provides an amusing account of his farming in the Pacific Northwest, and has captured the romance of rural living in his anecdotes of day to day living. It is an entertaining story and you will be glad to add this to your "rural background" reading.

SCIENCE YEAR BOOK OF 1947. 247 p. 1947 (330.9 Sci22 1947) From thousands of reports on the headlong rush of scientific achievement last year, J. D. Ratcliff, one of the foremost writers on scientific subjects in the periodical press, has collected twenty-eight articles. Together they form a report on the status of physics and chemistry, medical research, agriculture, aviation, and the other sciences. The Agriculture section includes "We can farm the oceans", "Facts about DDT", from Fortune, January 1946, "Dynamite down south", and "Silk: made in America."

PRINCIPLES OF FEEDING FARM ANIMALS, by Sleeter Bull, and W. E. Carroll. 373 p. Revised edition, 1946 (389.7 B87) The volume is an outgrowth from a book written by the senior author for the use of elementary students in Animal Husbandry. An effort has been made to present the scientific facts underlying the art of feeding animals in such a manner that the book will not only be suitable for use as a text for elementary courses in general feeding, but will also be valuable to the farmer who has not had a technical education in agriculture. The chemical composition of feedingstuffs; digestion of the nutrients; functions of the feed nutrients; energy uses in the animal body; grains, hays, pasture crops, silage, miscellaneous concentrates; the fertilizing values of feedingstuffs; etc.

HOW TO GET THE MOST HOUSE FOR YOUR MONEY, by John E. McNamara. 182 p. 1947 (296 M23) 100 sets of plans, by American Technical Society, Chicago. Instruction on recognizing plans that are lowest in construction cost, on a new way of using architectural services, on dealing with the builder, etc.

WOOL PRODUCTION AND MARKETING, by J. F. Walker. 140 p. 1941 (45 W15)

A small book covering the following chapters: Early improvement in wool production; The wool fiber; Breeds of sheep and corresponding grades of wool; Breeding and feeding for wool production; Shearing and preparing the fleece for market; Wool marketing; Wool manufacturing; The way to a successful wool industry.

THE WESTERN HORSE: ITS TYPES AND TRAINING, by John A. Gorman. 367 p. 1944 (42 G68) Describes the breeds, types and crosses of breeds of horses that are found in the western states, and presents present methods of training. The detailed history of the better known breeds is not discussed to any great extent, since there are books and breed literature that cover that field, but an attempt is made to show how various breeds have been combined to develop the types of grade range horses so abundant in the western states.

FOREST PRODUCTS RESEARCH GUIDE IN FUNDAMENTAL AND APPLIED RESEARCH. 142 p. 2d ed. 1945 (99.75 Am322) A guide to what is being done or has been done in forest products research by various agencies--colleges and universities, federal and state government organizations, forest products producing industries and business firms, wood processors and consumers, societies and private institutions, trade associations, foreign agencies. It pertains mostly to the processing of forest products, rather than to the economics, trade and transportation in the forest products industries. It is arranged by such subjects as: Structure, identification and properties of wood; Processes, materials and devices used with wood in order to improve its properties in use; Primary timber and lumber products; Buildings, building parts; Fabricated wood products; Chemical products and industries using wood; Means and devices for the selection of the quality of wood required for particular purposes. Each has a general introduction, then a description of the data on the subject, and a listing of additional research needed.

TERTIARY PRAIRIE GRASSES AND OTHER HERBS FROM THE HIGH PLAINS, by Maxim K. Elias. Geological Society of America Special Papers, no. 41. 1942. 176 p. (402.1 EL4) Seeds of the late Tertiary prairie grasses are fairly common throughout the most arid parts of the Prairie States. The most common among these fossil seeds show close relation to the most typical modern prairie grass, the spear-grass, which has world-wide distribution. The oldest known ancestor of this grass was found in the Harrison formation of lower Miocene in western Nebraska. In this text, all collected grass remains are systematically described and compared in detail with their nearest living relatives.

THE SEED INDUSTRY, by Edgar J. Clissold. 47 p. 1946. No. 3 in the series of American Industries pub. by Bellman Pub. Co. (61 C61) A booklet giving information covering all phases of the seed industry: origin, history, development; the seed farm; the wholesale grower; the mail order seed house; promotion departments; personal qualifications; personnel; remuneration; chances for advancement; schooling; advantages and disadvantages; future.

AMERICAN COOPERATIVES--YESTERDAY, TODAY, TOMORROW, by John Daniels. 39 p. 1945. An easy reading summary of the Coop movement in the U.S. Gives historical background, present status, trends, and something about future possibilities in about 40 minutes reading time. (280.2 D22A)

SCIENCE IN FARMING. The Yearbook of Agriculture, 1943-1947. 934 p. (1 Ag84Y) Reports some new developments in farm science and contains practical information about research of the past few years pertaining to animals, plants, trees, soils, water, machines, conservation, processes, marketing, food, clothing, and economics. It offers a background for understanding the further results of research as they are announced from day to day.

SOILS AND SOIL CONSERVATION INTERESTS

HANDBOOK OF CHANNEL DESIGN FOR SOIL AND WATER CONSERVATION. SCS-TP-61. 1947.
(1.96 Ad6TP)

PHYSICAL LAND CONDITIONS AFFECTING USE, CONSERVATION, AND MANAGEMENT OF LAND RE-
SOURCES, SALINE COUNTY, KANSAS. SCS and Kans. Agr. Exp. Sta. 1947 (1.96
L22Phs)

LAND USE REGULATION IN SOIL CONSERVATION DISTRICTS. SCS-MP-29. 1947 (1.9
Ad6Mp)

SOIL-DEPLETING, SOIL-CONSERVING AND SOIL-BUILDING CROPS. USDA Leaflet 165.
1946 reprinting (1 Ag84L)

REMOVAL OF ALKALI BY DRAINAGE AND LEACHING. Wyo. Agr. Exp. Sta. Bull. 276,
1946 (100 W99B)

NATIONAL ASSOCIATION OF SOIL CONSERVATION DISTRICTS. INFORMATION LETTER, nos. 1 &
2, 1947. The President of the Association here describes briefly the conserva-
tion activities of the four main public organizations engaged in soil conserva-
tion. Describes the work and importance of the district organizations. Analyzes
the SCS budget for 1948.

WHEAT PRODUCTION AND PROPERTIES OF PALOUSE SILT LOAM AS AFFECTED BY ORGANIC RESIDUES
AND FERTILIZERS. Wash. Agr. Exp. Sta. Bull. 476. 1946 (100 W27Eb)

FARM HOUSES AND BUILDINGS

PLANNING AND REMODELING FARM BUILDINGS. Okla. Ext. Serv. (275.2 Ok4P1)

FARM HOUSING--BATHROOMS. Nebr. Ext. Serv. (275.2 N27Fa)

REMODELING RURAL MICHIGAN HOMES. Mich. Agr. Exp. Sta. Circ. 205 (100 M58Scb)

YOUR FARMHOUSE--HOW TO PLAN REMODELING. USDA Miscel. Pub. 619 (1 Ag84M)

SMALL FARM BUILDINGS AND EQUIPMENT PLANS. Nebr. Ext. Serv. Circ. 722, rev. 1947
(275.29 N272Ex) A list of plans that can be ordered from the Nebr. University
Dept. of Agricultural Engineering.

OUTLAY FOR REPAIRS AND IMPROVEMENTS OF FARM DWELLINGS IN 1945 EXCEEDED THOSE IN
1941. USDA Bureau of Human Nutrition and Home Economics. March 1947.
(1.982 A20u84)

HOME ECONOMICS

HOW TO CHOOSE AND USE YOUR WASHING MACHINE. USDA Bur. of Human Nutrition and
Home Economics (1.982 A2H83)

PREVENTING AND REMOVING MILDEW--HOME METHODS. USDA Bur. of Human Nutrition and
Home Economics (1.982 A2P92)

NUTRITION AND THE FAMILY'S FOOD, by Alice Biester and Jane Leichsenring. Minn.
Agr. Exp. Sta. 47 p. 1946 (389.1 M662)

SIMPLE RULES FOR HAND LAUNDERING. Pa. Ext. Serv. Circ. 297 (275.29 P38C)

SEWING MACHINE CARE AND ADJUSTMENT. Pa. Ext. Serv. Circ. 298 (275.29 P38C)

WHEN YOU BUY HOUSEHOLD EQUIPMENT. West Va. Ext. Serv. Good Living Series XIV.
Lesson no. 6 (275.29 W522G)

FACTS ABOUT ENRICHED FLOUR AND BREAD. Okla. Ext. Serv. Circ. 442 (275.29 Ok41C)

FORESTRY NOTES, WOOD, ETC.

LIST OF PUBLICATIONS ON THE GROWTH, STRUCTURE, AND IDENTIFICATION OF WOOD.

Forest Products Lab., Madison, Wis. R177. Feb. 1947 (1.9 F761R)

LIST OF PUBLICATIONS ON THE SEASONING OF WOOD. Forest Products Lab., Madison, Wis. R446. Feb. 1947 (1.9 F761R)

LIST OF PUBLICATIONS RELATING TO FUNGUS DEFECTS IN FOREST PRODUCTS AND TO DECAY IN TREES. Forest Products Lab. R508. Feb. 1946 (1.9 F761R)

NORTHEASTERN LOGGERS' HANDBOOK: WIRE ROPE AND ACCESSORIES. (1.9622 N2N81 no. 12)

NORTHEASTERN LOGGERS' HANDBOOK: CABLE SKIDDING. (1.9622 N2N81 no. 13)

RELATION OF TREE-STUMP DIAMETER TO DIAMETER BREAST HIGH. U. S. Forest Service. Northeastern Forest Exp. Sta., Philadelphia. Station Note no. 1, Feb. 1947. (1.9622 N2St2)

CROPS, ETC.

COMMON RED CLOVER IN NEBRASKA. Nebr. Ext. Serv. E. C. 169. (275.29 N272Ex)

ALFALFA SEED PRODUCTION. Nebr. Ext. Serv. E. C. 168 (275.29 N272Ex) (State if you would like us to include other pieces on seed production, various crops)

SEED FOR REGRASSING GREAT PLAINS AREAS. USDA Farmers' Bull. 1985, July 1947. (1 Ag84F)

VARIETIES OF FARM CROPS FOR MONTANA. Mont. Agr. Exp. Sta. Circ. 188 (100 M76C)

STUDIES ON WILD BUCKWHEAT. N. D. Agr. Exp. Sta. Bull. 346 (100 N813B)

EFFECT OF RAINS ON WHEAT DURING HARVEST. Kans. Agr. Exp. Sta. Techn. Bull. 60. (100 K13St)

YIELD AND NUTRIENT CONTENT OF SUGAR-BEET TOPS. Minn. Agr. Exp. Sta. Bull. 391. (100 M66B)

NEW OAT DISEASE INCREASES IMPORTANCE OF SEED TREATMENT. Mo. Agr. Exp. Sta. Circ. 312 (100 M693C)

LATE BLIGHT OF TOMATOES. USDA AIS series, no. 63 (1 Ag84Ai)

RUSSIAN DANDELION (KOK-SAGHYZ) AN EMERGENCY SOURCE OF NATURAL RUBBER. USDA Misc. Pub. 618. June 1947 (1 Ag84M)

WHEAT--THE FARM STORY OF THE YEAR. Radio program on "National Farm and Home Hour" June 28, 1947. (Vert. File)

THE FORM OF SELENIUM IN SOME VEGETATION. Wyo. Agr. Exp. Sta. Bull. 278 (100 W99B)

CORN PRODUCTION REQUIREMENTS, NEBRASKA, 1944, SEVEN COUNTIES. Nebr. Ext. Serv. E. C. 840 (275.29 N272Ex)

CORN PRODUCTION REQUIREMENTS, NEBRASKA: PUMP IRRIGATED CORN, FILLMORE COUNTY. Neb. Ext. Serv. E. C. 840-A, Sept. 1946 (275.29 N272Ex)

FIVE STEPS TO INCREASE CORN YIELDS. N. C. Ext. Serv. Circ. 296 (275.29 N811)

COST OF PRODUCING IRRIGATED CORN, TRI-COUNTY IRRIGATED AREA (23 Phelps County farms, Nebraska) Nebr. Ext. Serv. E. C. 840-B. Oct. 1946. (275.29 N272Ex)

FERTILIZERS FOR SUGAR BEETS ON SOME CALIFORNIA SOILS. Calif. Agr. Exp. Sta. Bull. 694 (100 C12Sb) (State if you desire packet of bulletin material on sugar-beet production--methods, costs, diseases, machinery, utilization, etc.)

GENERAL FARM INTERESTS

CONSTRUCTION DETAILS FOR MAKING A MECHANICAL POST HOLE DIGGER. Colo. Exp. Sta.
Circ. 144-A (275.29 C71C)

HOMEMADE MANURE LOADERS. Nebr. Ext. Serv. Circ. 788, revised, 1946 (275.29 N272Ex)

GUIDES TO POULTRY PROFITS IN MONTANA. Mont. Ext. Serv. Bull. 443 (100 M76B)
(State if you desire packet of bulletin material on poultry raising in general--
chicks, broilers, layers, culling, housing, feeding, time-savers, diseases,
pests, egg production, etc.)

THE USE OF D-D FOR SOIL FUMIGATION. Tex. Agr. Exp. Sta. Progress Rept. 1062, Feb.
1947 (100 T51P)

USES OF VARIOUS DDT FORMULATIONS FOR THE CONTROL OF INSECTS AFFECTING ANIMALS.
USDA Bur. of Ent. & P.Q. E-714, March 1947 (1.9 En83) (State if you desire
packet of bulletin material on DDT in general)

ANNUAL FARM BUSINESS REPORT, 20 farms in the loess plains area of Nebraska, 1945.
Nebr. Ext. Serv. E. C. 854 (275.29 N272Ex)

POCKET GOPHER CONTROL. Nebr. Ext. Serv. E. C. 1544 (275.29 N272Ex)

THE POCKET GOPHERS (GENUS THOMOMYS) OF ARIZONA. U. S. Fish and Wildlife Service.
North American Fauna, no. 59.

MISCELLANEOUS

ATOMIC RESEARCH DIVIDENDS FOR THE FARMER, by Dr. Paul C. Aebersold and Dr.
Nathan H. Woodruff, Isotopes Branch, U. S. Atomic Energy Commission, Oak
Ridge, Tennessee, May 1947. A discussion of research being conducted
with radioisotopes produced and distributed by the Commission. How the
radioisotopes are used for instance to study the behavior of phosphates
in the soil and in uptake by plants...

NEBRASKA CHEMURGY PROJECT, UNIVERSITY OF NEBRASKA. 5TH ANNUAL REPORT, April
1947. (381 N27A)

THE FARMER, NORTH CAROLINA, AND THE TVA. (275.29 N811 289) An attractive N. C.
Ext. Serv. publication showing how the farmers of the area are making adjust-
ments in their farm practices to build a better life for themselves--how the
program is organized and operates.

INCREASING VALUE OF WASTE PRODUCTS. Northern Regional Research Laboratory,
AIC 156 (1.932 A2Ag82) Utilization of seed-flax straw, wheat straw, sugarcane
bagasse, and other farm wastes and agricultural residues.

REPORT OF STUDIES ON UNIFORMITY OF QUALITY OF BEET SUGARS, no. XXVI. Bureau of
Agricultural and Industrial Chemistry, New Orleans. AIC-158, July 1947 (1.932
A2Ag82)

FIRST AID FOR THE IRRIGATOR. Farmers Home Administration. USDA Miscel. Pub. 624.
(1 Ag84M)

FROM DRYLAND FARMING TO IRRIGATION (Tri-County Area, Nebraska) BAE, Lincoln, June
1946. 46 p. (1.941 L7F92)

FARM POND BUILDING. Pa. Ext. Serv. Circ. 283 (275.29 P38C) (State if you desire
packet of material on the subject--construction, management, etc.)

CHANGING ASPECTS OF THE FARM REAL ESTATE SITUATION IN MONTANA, 1940 to 1946. Mont.
Agr. Exp. Sta. Bull. 440. Jan. 1947 (100 M76B)


CATALOG OF SUPPLIES FOR VO-AG INSTRUCTORS, COUNTY AGENTS, EXTENSION SPECIALISTS AND
SPECIALIZED FARMERS, 1947-1948 (Vert. File)

Some Citable References on the Economic Evaluation of Erosion
Damage--Comparisons, Estimates, Tables, Quotable Paragraphs, Etc.
(Material in Library)

- High yields depend on erosion control, by J. Lamb. Farm Research (N.Y.) v.13, no.1, p. 13. Jan. 1, 1947 (100 N48A) Includes table showing effect of systems of soil management on soil loss and on growth, yield, and maturity of corn.
- Soil erosion, soil loss, and some effects of soil erosion, Pt. IV, by W. D. Ellison. Agricultural Engineering, July 1947, p. 297-300. Causes soil structure changes; removes seed, fertilizers, and feed; silt problems...
- Soil erosion and fertilizer response, by J. Lamb. Fertilizer Review, July, Sept. 1946, p. 12-13. Examples of diff. soil type that show that loss of topsoil is associated with unsatisfactory response to fertilizer in addition to reduction in crop yield..
- Soil erosion a world menace, Address by H. H. Bennett, Omaha, Oct. 1946 (1.96 Ad62) Losing 500,000 acres of farmland annually. Topsoil in U.S. fell from 9 inches to 6 inches--at annual cost to us of nearly \$28 per capita, etc...
- Food or famine; the challenge of erosion, by Ward Shepard. 210 p. 1945 (56.7 Sh4F) This book is replete with statements that fit in with evaluations of erosion damage--money value vs stabilized natural resources, etc. The Wisconsin farmer whose cornfield was losing 88 tons an acre of topsoil each year and whose grass-land 38 pounds a year; etc.
- Soil aggregation, yields, runoff, and erosion as affected by cropping systems, by H.A. Wilson. Soil Science Society of America Proceedings, 1945. v. 10, p.51-57 (56.9So3)
- This land we defend, by H. H. Bennett & W.C. Pryor. 103 p. 1942 (56.7 B43T) "In dollars alone, the cost of soil exploitation is terrific. The estimated annual bill which America pays in one way or another for erosion is \$3,844,000,000. Let's look at an 'itemized statement' of this staggering figure..."
- The economics of soil conservation, by A.C. Bunce. 206 p. 1942 (56.7 B88) "In the case of the individual the point at which conservation becomes economic will depend upon..."
- A method of estimating the economic effects of planned conservation on an individual farm, by A. C. Bunce. USDA Miscel. Pub. 463. Jan. 1942 (1 Ag84M) Includes tables showing estimated annual capital loss resulting from continued soil erosion; and estimated annual cost of establishing the new system of conservation--dams, terraces, fences, trees, etc.
- The facts about conservation farming and yields, by R. E. Uhland. Soil Conservation, May 1942. Examples of increased yields in various places over the country...
- Field method for evaluating effects of physical factors and farm management practices on soil erosion and crop yields. Soil Sci. Soc. of Amer. Proceedings, 1940, v. 5, p. 372-376. Includes tables showing differences of yield on varying depths of surface soil.
- Quantitative basis for evaluating effectiveness and application of soil conservation practices, by R. E. Uhland. Soil Conservation, v.5, p.152-156. Dec. 1939. Includes table showing efficiency rating for soil conservation, i.e. showing the rate at which the loss of surface soil may be reduced on various grades of soil, and thus the no. of years it will take to lose 7 inches of soil from these types of soil. "Efficiency rating for soil conservation was arbitrarily placed at zero where soil is lost at a rate as high as 1 inch (143 tons per acre) per year."

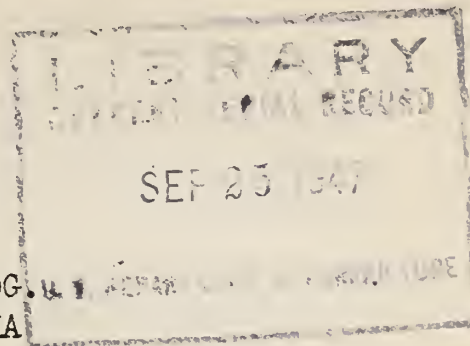
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LIBRARY NEWSLETTER

U. S. DEPARTMENT of AGRICULTURE



LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA

Vol. 6, No. 9

September 1947

NEW LIBRARY BOOKS

DROUGHT, ITS CAUSES AND EFFECTS, by Ivan Ray Tannehill. 276 p. 1947 (340 T15D)

The implications of new knowledge of the vicissitudes of rainfall are of significance not only to farmers, meteorologists and foresters, but to our whole national economy. This very readable book is a study of the causes of drought and the means of combating a recurrent national peril, written by the Chief of the U.S. Weather Bureau's Division of Synoptic Reports and Forecasts. Mr. Tannehill's imaginative grasp of a vast amount of weather data makes for an unusual presentation and some new views of the question. Although he does not present any definite answers to such questions as "when and where will the next drought occur" or whether and how drought can be controlled, his point of view does lead him to some conclusions regarding the influence of man's activities on climate. Perhaps man is becoming a large scale geological force. The book emphasizes the importance of continuing and expanding meteorological observations, and of re-examination on the part of our scientists of the present approach toward the whole subject. The book includes many striking illustrations and graphs. One showing the change in the grass level in the "overgrazed and wind-blown Nebraska sand hills" is particularly interesting.

DRIFTWOOD VALLEY, by Theodora C. Stanwell-Fletcher. 384 p. 1946 (409 St22)

This is a most absorbing account of life in the wilderness of north-central British Columbia. The author and her husband, whose animal drawings illustrate the book, built a cabin and lived for two years in a virtually unexplored area. They are both naturalists and their objective was a study of the wildlife of a primitive area as yet relatively undisturbed by man. It was the sort of adventure that almost every naturalist dreams about but few are able to realize. Mr. Fletcher's purpose was to make detailed and accurate observations on the life of the region, to understand the lives and problems of the wild things through the four seasons of the year.

NEW HORIZONS IN PUBLIC ADMINISTRATION. A SYMPOSIUM. Papers by Leonard D. White, Marshall Dimock, and others. The six essays are the substance of lectures given at the University of Alabama. Mr. Stone in his discussion of the role and methods of the top governmental executive centers attention upon the leadership elements of the job and insists that "what the executive can accomplish is largely the product of his influence rather than his command." He views the executive's basic problem as that of developing a body of commonly shared ideas... The other essays are equally interesting, and are drawn from experience in various fields.

SHEEP, by L. J. Horlacher, and C. Hammonds. 348 p. 1945 (45 H78S) "This book presents in simple language the most approved methods in sheep production and management. As far as the authors are aware, it is the only sheep book of less than college level published primarily for school use... It is practical, but not in the narrow sense of giving only prescriptions and specific methods of procedure. Experimental data are presented, where available, and selected portions of contributing sciences are included to help the reader understand the why of the practice." "Farming Studies" are included at the end of each chapter. Chapters: Planning for the sheep enterprise; Choosing the breed; Selecting and judging; Feeding; Fattening; Controlling disease; Producing and handling wool; Marketing; Fitting and showing sheep.

THE MANAGEMENT OF FARM WOODLANDS, by C. H. Guise. 352 p. 1939 (99.55 G94) The author here offers the technical information that will be of direct assistance to the farmer in giving the same skillful treatment to his woodlands as accords his other enterprises. Although prepared mostly of course with the woodlands of the East in mind, the book's primary aim is to illustrate principles rather than suggesting the technique of local practice.

PONY TRAILS IN WYOMING, by John K. Rollinson. 415 p. 1941 (138 R65) "Hoofprints of a cowboy and U. S. ranger." Narrative of range life told by the actual participant. An interesting and colorful picture, written with no pretension of literary style--just a day-by-day and season-by-season story. Includes glossary of range and ranch terms and expressions.

SOIL EROSION IN NEW ZEALAND, by Kenneth B. Cumberland. 228 p. 2d ed., 1947 (56.7 C91) New Zealand is a young country, physically and culturally, and its history of European occupancy is short, but soil erosion is already one of its disastrous outcomes--of quick evidence to a visitor, but its seriousness only lately revealed to the occupants of that country. Mr. Cumberland has spent much of the last six years in travel and field investigation of soil erosion in the Dominion. His book is dramatically-illustrated and tersely-written, and is one you will want to see, even should you not read it all. Interesting tables, such as the regional summary giving for each region the lithic character, the geomorphic character, relevant climatic characteristics, vegetative character, soil characteristics, nature of cultural interference, present land use and farm practice, extent of induced erosion, soil erosion morphology. From an editorial in the New Zealand Listener: "There are books and books, and this one is in a class by itself. It is an amazing book...so earnest, so exhaustive, so convincing, and so thoroughly disturbing..."

SMALL COMMUNITY HOSPITALS, by H. J. Southmayd, and Geddes Smith. 176 p. 1944. (449.15 C73) Published by the Commonwealth Fund, a Fund which has devoted much of its effort and resources to the development of rural hospitals, being especially concerned with the quality of service rendered. In this book are set forth, in terms of the Fund's experience, many problems which must be solved and many difficulties which must be overcome before a country hospital can do a good job.

THE FEDERAL FIELD SERVICE, by Earl Latham. 70 p. 1947 (280.12 L34) "Approximately 92 per cent of the federal population is to be found in the field, not in agency headquarters. It is the field people of federal agencies who meet the general public and impress it with the quality of service rendered, and in the field that the government can acquire a bad reputation for poor performance in both service and regulatory functions. 'Big government' expansion has been mostly field expansion..." This outline marks out a field of study and research in problems of the federal field service. The questions are framed to stimulate inquiry into the utility, worth, or desirability of administrative practices. It hopes to contribute to the formulation of hypotheses which will relate technique and purpose to each other. Interestingly presented.

FORESTRY

- THE MANAGEMENT STATUS OF FOREST LANDS IN THE UNITED STATES. U. S. Forest Service. Report no. 3 from a reappraisal of the forest situation. 1946 (1.962 A2R297)
- POTENTIAL REQUIREMENTS FOR TIMBER PRODUCTS IN THE UNITED STATES. U. S. Forest Service. Report no. 2 from a reappraisal of the forest situation. 1946 (1.962 A2R297)
- GAGING THE TIMBER RESOURCE OF THE UNITED STATES. U. S. Forest Service. Report No. 1 from a reappraisal of the forest situation. 1946 (1.962 A2R297)
- THE NATIONAL FORESTS. Statement presented by C. M. Granger, to the Farm Bureau Federation Committee studying land use, water, and conservation problems, Feb. 1, 1947 (1.962 N2G76)
- 1945 LUMBER PRODUCTION IN THE NORTHERN ROCKY MOUNTAIN REGION. Research Note No. 49, Northern Rocky Mountain Forest and Range Experiment Station, Missoula, Montana, March 1947 (1.9622 N3R31)
- SUMMARY OF DISTRIBUTION OF FOREST PLANTING STOCK BY COOPERATING STATES for calendar year 1946. (statistics). U. S. Forest Service; March 1947 (1.9 F7681S)

SOIL CONSERVATION INTERESTS

- FERTILITY MAINTENANCE AND MANAGEMENT OF SOUTH DAKOTA SOILS. So. Dak. Agr. Exp. Sta. Circ. 68 (100 So82C)
- INFLUENCE OF SOIL TEXTURE UPON GROWTH OF PLANTS. N. H. Agr. Exp. Sta. Techn. Bull. 90 (100 N45T)
- SOIL CONSERVATION DISTRICT SUPERVISORS, 6TH ANNUAL CONFERENCE, Lincoln, Nebr., Jan. 15, 1947. (State-file)
- FERTILIZERS, SOIL ANALYSIS, AND PLANT NUTRITION. Calif. Agr. Exp. Sta. Circ. 367. (100 C12Sc)
- FERTILIZER TRIALS IN MOWER COUNTY, MINN. Minn. Agr. Exp. Sta. Soil Series no. 20. (275.29 M66So) Effect of fertilizer on quality; experiments with the plow-under attachment; fertilizer placed deep after plowing; comparison of fertilizers and fertilizer rates applied in the hill to corn; fertilizer trials with oats; etc.
- COMPARATIVE TRIALS WITH ROCK PHOSPHATE AND SUPERPHOSPHATE. Minn. Extension Soil Series no. 18 (275.29 M66So) Basic facts about rock phosphate, colloidal phosphate, superphosphate, and comparison of crop increases obtained with rock phos. and with superphosphate, etc.
- SMALL GRAIN AND FLAX DEMONSTRATION RESULTS. Minn. Ext. Serv. Soils Series no. 22. (275.29 M66So) Relative yield increases for different plant foods, etc.
- FERTILIZING SMALL GRAIN AND FLAX. Minn. Ext. Serv. Soil Series no. 21 (275.29 M66So)
- FERTILIZER TRIALS FOR CORN ON THE SANDY SOILS... Minn. Agr. Exp. Soil Series no. 19. (275.29 M66So) Comparisons, fertilizer applied in the hill, and applied on plow sole, and other experiments.
- CEDAR COUNTY SOIL CONSERVATION GUIDE. SCS and Nebraska Agr. Ext. Serv. 1947. (A specific county is used in the title, but contents are same for the various counties--general outline for the farmer to use in planning his farming enterprise so that each acre can be used for the production of the crops for which it is best suited; etc.)

CROPS, ETC.

- SUGAR BEET SEED PRODUCTION IN OREGON. Oregon Agr. Exp. Sta. Bull. 437. 1946.
(100 Or3B) (State if you desire packet of material on beet raising--moisture requirements, cultivation, machinery, utilization, diseases and pests, costs, etc.)
- FEEBAR BARLEY. So. Dak. Agr. Exp. Sta. Circ. 67 (100 So82C)
- FORAGE FROM KOCHIA. So. Dak. Agr. Exp. Sta. Bull. 384 (100 So82B)
- LINCOLN, A MIDSEASON SOYBEAN FOR THE NORTH-CENTRAL STATES. Ill. Agr. Exp. Sta. Bull. 520 (100 IL6Sb) (State if you would like us to include other material on soybeans)

GENERAL FARM INTERESTS

- LAWN-SPRINKLER SYSTEMS. Calif. Ext. Serv. Circ. 134 (275.29 C12C)
- ELECTRIC WATER SYSTEMS FOR FARM AND HOME. Oregon Ext. Bull. 671 (275.29 Or32B)
- CARE OF GALVANIZED ROOFING. Iowa Ext. Serv. Pamphlet 114 (275.29 Io9Pa)
- FARM WIRING. N. H. Ext. Serv. Circ. 272 (275.29 N45C)
- HOW TO BUILD A SEED GRAIN TREATER. Wis. Ext. Serv. Spec. Circ. Feb. 1947 (275.29 W75S)
- WEED SPRAYS FOR VEGETABLE CROPS. Wis. Agr. Exp. Sta. Spec. Bull. Feb. 1947. (100 W75Sp)
- LOW PRESSURE SPRAYING EQUIPMENT FOR WEED CONTROL SPRAYS. Wis. Agr. Exp. Sta., March 1947 (100 W75Sp)
- SAVE WORK IN HAYING. Vt. Ext. Serv. Brieflet 745 (275.29 V59B)
- HOMESTEAD PLANNING. N. C. Ext. Serv. Circ. 285 (275.29 N811)
- HONEY PRODUCTION. Ill. Ext. Serv. Circ. 566 (275.29 IL62C) (State if you desire packet of material on bees and beekeeping in general)
- GROWING AN ORCHARD IN KANSAS. Kansas Agr. Exp. Sta. Bull. 330 (100 K31Sb)
- STUDIES OF PARASITES IN OREGON SHEEP ON IRRIGATED PASTURE. Oregon Agr. Exp. Sta. Bull. 440 (100 Or3b)
- THE SHEEP ENTERPRISE. How to establish and maintain the farm flock. Ill. Ext. Serv. Circ. 534 (275.29 IL62C) (State if you desire packet of material on sheep raising in general)
- GOOD PASTURE FOR OKLAHOMA. What good pasture can do; what research is doing for good pasture. Okla. Agr. Exp. Sta. Circ. C-125 (100 Ok4C)
- CATTLE FEEDING IN ARIZONA. Ariz. Ext. Serv. Circ. 131 (275.29 Ar42) (State if you desire packet of material on beef cattle--feeding, production, diseases, etc.)
- COSTS AND RETURNS IN PRODUCING BROILERS IN DELAWARE. Del. Agr. Exp. Sta. Pamphlet 27 (100 D37H) (State if you would like additional material on broiler production)
- FEEDING EXPERIMENTS WITH GROWING AND FATTENING PIGS. Cornell Agr. Exp. Sta. Bull. 836 (100 N48Cb) (State if you desire packet of bulletin material pertaining to swine--feeding, housing, etc.)
- MAKING AND FEEDING GRASS AND LEGUME SILAGE IN WESTERN OREGON. Oregon Ext. Serv. Bull. 669 (275.29 Or32B) (State if you desire packet of material on silage & silos)
- SUMMER SHELTER SHEDS (Poultry) Nebr. Ext. Serv. E. C. 1408 (275.29 N272Ex)

MISCELLANEOUS

- OUR NATIONAL DEBT AND THE BUDGET. Committee on public debt policy. 20 p. (vert. file)
One of a series of studies to foster public understanding of the subject.
- COMMUNISM IN ACTION. House Document no. 754, 79th Congress, 2d session. This 140 page document is a study and analysis of communism in operation in the Soviet Union prepared by the Legislative Reference Service of the Library of Congress. Representative Dirksen, of Illinois, states in the Foreword that he has long felt that the real antidote to communism lay in a diffusion of knowledge and information on how it operates..."If farmers could but know what the Soviet system of agriculture is really like..." He feels that this publication is an unbiased account, reasonably short, in understandable language, not wearisome with too much historical detail, well documented, fair and impartial.
- PUBLIC LAW 266 MAKING APPROPRIATIONS FOR THE DEPARTMENT OF AGRICULTURE for the fiscal year ending June 30, 1948. 31 p. (148.5 Ag 1948)
- THE CONSUMPTION AND PRODUCTION OF FOOD IN THE UNITED STATES. Del. Agr. Exp. Sta. Pamphlet 25. (100 D37H) Consumption per capita of major foods...
- FARM MACHINES AND EQUIPMENT. Bureau of the Census Facts for Industry Series. Statistics giving production of machinery for various years, through 1946, tractors, haying machinery, dairy machines, barn equipment, farm elevators, etc., both domestic and export. (157.41 F1124)
- REPORT OF SCS BIOLOGY DIVISION MEETING, San Antonio, Texas, Jan. 30 - Feb. 1, 1947. (1.96 Op2Rb)
- RANCHING IN NORTHWESTERN SOUTH DAKOTA. So. Dak. Agr. Exp. Sta. Bull. 385 (100 So82B)
- HANDBOOK OF BUSINESS INFORMATION, SOUTH DAKOTA, 1947. So. Dak. University Business Research Bureau. Data and charts giving rank of counties in per capita retail sales; annual cash farm income; prices paid and received by farmers; etc.
- FARM RECORD SUMMARY, NORTH CENTRAL SOUTH DAKOTA. 4th annual report, 1946. So. Dak. Agr. Exp. Sta. Agricultural Economics Pamphlet no. 24 (281.9 So86) Climatic conditions; crop acreage summary; crop yield, livestock; why farm earnings vary; size of farm related to farm earnings and other factors; etc.
- FARM RECORD SUMMARY, SOUTHEASTERN SOUTH DAKOTA. 4th annual report, 1946 (281.9 So86)
- PRICE TRENDS OF SOUTH DAKOTA AGRICULTURAL PRODUCTS, 1909-1945. So. Dak. Crop and Livestock Reporting Service. Statistics for the various years, wool, corn, barley, sheep, etc.
- VITAMINS FOR HEALTH. Public Affairs Pamphlets no. 69. 32 p. 1942. (280.9 P964)
- WHAT TO DO WITH 500,000,000 ACRES OF GOVERNMENT LAND. Chamber of Commerce of the United States. 9 p.
- EARTH BRICK CONSTRUCTION. U. S. Off. of Indian Affairs. Home Improvement Pamphlet no. 1. 110 p.
- WATCH YOUR STEP; AVOID FARM ACCIDENTS. USDA Misc. Pub. 608. 32 p. 1946 (1 Ag84M)
- DENSITY CHANGES OF NATIVE VEGETATION IN RELATION TO PRECIPITATION. Wyo. Agr. Exp. Sta. Bull. 272. 31 p. (100 W99B)

NOTES

HAVE YOU borrowed a book lately? Do you choose from each Newsletter a few pieces to read in connection with your work? We are wondering about some of the field offices who have not borrowed from us during the past year--is it because we are not acquiring the right material to supplement your work and interests in the agricultural field? We welcome suggestions. Too, don't forget that it is our business to help out with your reference questions.

PLEASE notify us immediately by memo or post card when you change your address or leave the service. Failure to do this interrupts our service to you and may cause delay or loss of library publications. Pencilled changes, substitutions, and additions on the routing slips (except "Please delete") are seldom regarded by us as official instructions from you, as they do not explain clearly the circumstances.

Perhaps you would like a BIBLIOGRAPHY on a certain subject you are interested in. Here are some available lists, some brief, some fairly exhaustive. Inquire for any others you want. You who cannot come to the library to examine our shelves and our card catalogue may at times wish us to compile a list for you of what is available on your topic, here or in other libraries:

Personnel administration. Compiled by Civil Service Commission Library, 1946.
(165 P45)

Bibliography on soil mechanics, 1940-1944. National Research Council of Canada.
(241.4 R83)

Sedimentation; selected annotated bibliog. on sedimentation as related to soil conservation and flood control. 1939 (1.9 Ad6Mp no. 20)

Abstracts of pasture literature. 1937 (1.96 Ad6Tp no. 15)

Selected bibliog. on the economics of forestry in the U.S. 1941 (1.962 F2Se4)

The more important publications dealing with forest influences, 1939-1945
(1.963 A2M81)

Airplane seeding. 1947

Bees: Artificial insemination. 1947.

Wind erosion and sand dune control. 1940 (1.96 R312B no. 1)

Soil conservation, Economic and social aspects of. 1941 (1.96 R312L)

Plants and soils of Alaska. 1946.

Nutrition. 1946.

Publications on water resources: their use and development in the western states.
1941 (1.9 Ad6MP no. 24)

Wildlife management as a part of soil conservation. 1941 (1.9 Ad6Mp no. 23)

Publications on agricultural cooperation. FCA. 1946 (166.2 C4922 no. 23)

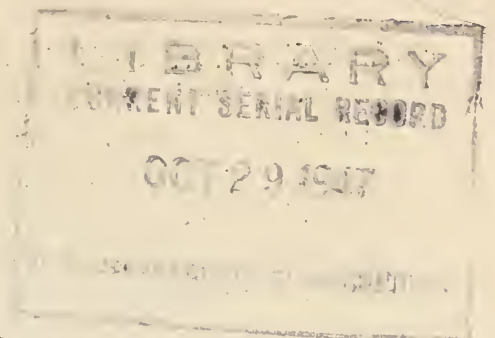
Social security for farm people. 1944 (1.941 R7S012)

Some factors affecting design of tillage machinery and proposed approach to their evaluation. Soil Science Society Proceedings, v. 9, 1944, p. 235.

Great Plains: farming & conservation practices, vegetation, soil drifting, conditions in general.

Grasses--both general and specific.

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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE LIBRARY
LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA

Vol. 6, no. 10

October 1947

"Knowledge, it has been said, is merely knowing where to look for things. Thus knowing how to use library facilities effectively is a more useful accomplishment than reading widely and having a fairly good memory for what is read."

NEW LIBRARY BOOKS

LAND OF THE DACOTAHS, by Bruce Nelson. 338 p. 1946 (138 N33) Before Long-fellow sang of the "Land of the Dacotahs," these Sioux Indians had already pressed westward onto the rolling plains of the Upper Missouri Valley, which they were to dominate for a hundred years. Before that--, and after that--, Bruce Nelson tells a fascinating story of what has happened in this plains country, of the people who came to settle it, of leaders, of movements. Some were "giants of the earth," some were "spoilors," some were "empire builders." From Buffalo and Indian country, on down through Big Business and dust storms, this section of our country is indeed an interesting study, and the two long chapters devoted to the revolt of the farmers (the story of the Nonpartisan League in North Dakota and neighboring states) and to the problem of what to do with the Missouri River make very lively reading. The Pick-Sloan plan and the MVA plan and the troubled years of this "controversy" are given a good deal of attention in the last part of the book. This is not a dull "history," for the author has a way of telling the thing with clarity and cleverness. Each USDAer who has read it so far has had a good word for it when returning it.

PRODUCTIVE SOILS, by W. W. Weir. 312 p. 5th edition, 1946 (56.7 W43) An introduction to soil science, designed for first courses in soils as well as for use by practical farmers. It tells what soils of various kinds and types are like, why they are productive or unproductive, and how they may be managed for profitable crop production. There is also a chapter on soil conservation, which calls attention to land deterioration and destruction through erosion, and which shows how farm and range lands may be utilized without undue soil wastage, with a view to permanent agriculture. The last chapter is on sands and their management, and the cropping problems peculiar to such soil. Since the appearance of the first edition of this book, in 1920, the author has studied soils and farming in all parts of the United States, in Canada, and parts of Mexico, and has also had commercial opportunities to study agriculture and the improvement of soil fertility through proper land utilization and the use of fertilizers. Since 1934 he has resided in the arid-semiarid region of the southwestern U.S., where he has given much attention to watershed protection in aid of flood control.

GOVERNMENT STATISTICS FOR BUSINESS USE, ed. by P. M. Hauser and W. R. Leonard. 411 p. 1946 (252 H29) This volume outlines a great many statistical facts assembled by the Federal Government and emphasizes their availability to potential users. Statistics are systematized information, and it is such summary information that is practical for use in formulating policy or guiding action. It was felt that many leaders are unaware of the mine of statistical information available to them and that such a book would call their attention to the compilations made regularly in the fields of prices, population, agriculture, manufacturing, housing, trade, labor, etc. Chapter 5 is a 32-page article by Conrad Taeuber on the statistical reports and publications for agriculture.

PRACTICAL BEEF PRODUCTION, by Jack Widmer. 93 p. 1946 (43 W63) First you'll look at the photographs and general attractiveness of the book, and then you'll see what it has to say. Jack Widmer started his "cow-book" before he went to war and continued to work on it between battles. It is meant to hit the high spots of the process of producing feeder cattle--for the eastern farmer, the part-time farmer, the cattle-feeder of the Middle West, and to interest too the large-scale Western cattle producer who is attempting to improve his range management methods. Briefly he discusses foundation stock, the commercial yearling, pasture fattening, shipping, etc.

ROOT DEVELOPMENT OF FIELD CROPS, by John E. Weaver. 261 p. 1926 (64 W37) This is one of the books on the study reference list for those preparing for the SCS promotion examination. Some of the chapters: The environment of roots--the soil; How roots are built to perform their work; Root habits in relation to crop production; Root habits of native plants and how they indicate crop behavior--grassland communities, the tall-grass prairie, the bluestem grasses, wild rye, etc., etc.; Root habits of wheat; Root habits of corn; Root habits of alfalfa; Root habits of sugar beet; Root habits of pasture grasses; etc.

MY COUNTRY 'TIS OF THEE--The Use and Abuse of Natural Resources, by Lucy Sprague Mitchell, Eleanor Bowman, and Mary Phelps. 327 p. 1943 (279.12 M69) This book is replete with interesting charts, graphs, maps and photographs which accompany the authors' effort to give us not only learning as deals with facts, but the learning that comes from feeling--feeling about three natural resources, soil, coal and oil. The authors regard the book as something of an experiment, since they have here combined fact and image, intellectual and emotional appeal, sources and interpretations, under one cover, feeling they say that too often people fail to get hold of both kinds of publications pertaining to a subject. The people who read Paul Green's This Body the Earth, picturing the lives of the sharecroppers, may never see Odum's Southern Regions or other source materials which might answer the inevitable question "How much of this is true?" So in this book they share the images, the "whys," the problems, and the possible answers. This book was first called to our attention by a member of the SCS Information Office, who recommends it for SCS reading.

THE PROCESS OF PERSUASION, by Clyde R. Miller. 234 p. 1946 (140 M61) This book is the answer to those who say, "You can't change human nature." Dr. Miller shows how people are changed every day by the process of persuasion, which is at work in every avenue of human endeavor from salesmanship and teaching to broad political programs that have changed nations. The book contains an analysis of devices used by individuals and organizations to sway public opinion, induce specific reactions, and shape the destinies of persons and nations. With scores of examples from the everyday lives of average people, the author reveals how popular support is won by advertisers, politicians, clergymen, demagogues and merchants. He shows how an individual may use similar devices to gain his ends in the many practical situations which arise in his own dealings with people. It is not only a book for speakers, lawyers, salesmen, advertisers and promoters, but for every man, because every man is engaged, whether consciously or unconsciously, in the process of persuasion.

CROPS, FERTILIZERS, ETC.

- VIGO, A NEW DISEASE-RESISTANT WHEAT. Ind. Agr. Exp. Sta. Bull. 521 (100 In2Pb)
- WHEAT. Food and Agriculture Organization Commodity Series no.1 (389.9 F735Cs)
World wheat situation before 1939; the four major exporting countries; U.S.S.R., a potential wheat exporter; the European wheat market; Latin America--importing countries; wheat in the Orient; statistical tables.
- IT PAYS TO PLAN FOR FLAX. Flax Development Committee, Flax Institute of the U. S. (73.1 F612)
- IMPROVEMENT AND INDUSTRIAL UTILIZATION OF SOYBEANS. Research under the Soybean Laboratory program. USDA Miscel. Pub. 623 (1 Ag84M)
- ESSENTIALS FOR GROWING ALFALFA. Ind. Ext. Serv. Bull. 242 (275.29 In2E)
(State if you want other material on alfalfa included)
- HYBRID CORN--Total corn acreage, percentage planted with hybrid seed, indicated corn acreage, 1933-1945, by states. BAE, 1947.
- TWO NEW ILLINOIS INBRED LINES OF CORN. Ill. Agr. Exp. Sta. Bull. 523 (275.29 IL6Sb)
- STUDIES ON ERGOT OF GRAINS AND GRASSES. North Dak. Agr. Exp. Sta. Bull. 348. (100 K813B)
- FERTILIZER STUDIES WITH THE RED McCLURE AND BLISS TRIUMPH VARIETIES OF POTATOES IN THE SAN LUIS VALLEY. Colo. Agr. Exp. Sta. Techn. Bull. 35 (100 C71St)
- HOMEMADE FERTILIZER APPLICATOR. Colo. Ext. Serv. Circ. 147-A (275.29 C71C)
- THE EFFECT OF FERTILIZERS AND ORGANIC MATTER ON SOIL STRUCTURE AND PRODUCTIVITY. SCS Research (1.96 R31eff)
- FERTILIZERS--What they are and how to use them. Mich. Agr. Exp. Sta. Spec. Bull. 133 (275.29 M58S) (State if you would like additional material included on fertilizers, their use, application, results, etc.)
- THE APPLICATION OF SOIL FUMIGANTS WITH A PLOW. Bur. of Ent. & P. Q. ET-236. (1.9 En83Et)
- NEW DEVELOPMENTS IN FERTILIZING CORN. Miss. Agr. Exp. Sta. Inf. Sheet 386 (100 M69In)
- SUPERPHOSPHATE INCREASES YIELD OF ALFALFA IN THE WICHITA IRRIGATED VALLEY. Progress-Report 1071 of Tex. Agr. Exp. Sta. (100 T31P)

FORESTRY, WOOD, ETC.

- PROTECTION AGAINST FOREST INSECTS AND DISEASES IN THE UNITED STATES. Report 5 from a reappraisal of the forest situation. U. S. Forest Service. 1947 (1.962 A2R297)
- WOOD WASTE IN THE UNITED STATES. Report 4 from a reappraisal of the forest situation. U. S. Forest Service. 1947 (1.962 A2R297)
- A BRIEF SUMMARY OF THE FOREST SITUATION ON PRIVATELY OWNED FOREST LANDS IN THE UNITED STATES. Statement presented Feb. 1, 1947 to the Farm Bureau Federation Committee studying land use, water, and conservation problems (1.962 W2G76)
- LUMBERING AS AN INDUSTRY--Visualizing the Lumber Industry, by Herbert Kahre. (99.76 K12) A folder of black and white illustrations (on cardboard), each one carefully planned with a view to representing faithfully an actual situation. Descriptive material given on back of each drawing. The author and the artist here portray the spirit as well as the facts of lumbering.

CONSERVATION, EROSION, FLOODS, SOIL FERTILITY

HOW TO INCREASE NATURAL RESOURCE PLANNING AND CONSERVATION EDUCATION IN OUR SCHOOL PROGRAMS THROUGH THE PRESENT SUBJECT MATTER AREA--GEOGRAPHY, by Wm. W. Reitz. (Paper read at annual meeting of American Nature Study Society, Dec. 1946) (1.9601 R27)

HUMAN ADJUSTMENT TO FLOODS, by Gilbert Fowler White. 225 p. University of Chicago (Thesis) 1945 (290 W583) A geographical approach to the flood problem in the United States. The author begins with a comprehensive view of the flood problem and the public approaches to it, such as engineering, forecasting, public relief, including also private approaches and a summary of the prevailing national policy. He then takes up the major factors affecting adjustment to floods--sources of flood-loss data, social impacts, loss valuation, sediment deposition, emergency measures, structural adjustments, land use. There are tables and graphs showing estimated flood losses in the U. S., by years and regional divisions, and a 13-page bibliography.

NO RUN-OFF AND NO EROSION FOR 20 YEARS. Progress-Report 1065, Texas Agr. Exp. Sta. (100 T31P)

THE RELATION OF SOIL FERTILITY TO HUMAN NUTRITION, by Olive Sheets. Miss. Agr. Exp. Sta. Bull. 437 (100 M69C)

ANNUAL REPORT, SOIL CONSERVATION SERVICE, Region 5, 1946-1947. A. E. McClymonds, Regional Conservator.

THE LORD'S LAND, by Morris E. Fonda. SCS, Milwaukee. Illustrated booklet prepared in cooperation with and distributed by Friends of the Land, Soil Conservation Districts, National and sectional religious organizations, and Sears-Roebuck Foundation.

CONSERVATION EDUCATION--HOW CAN IT BE CARRIED OUT WITH YOUNG CHILDREN? Paper read by Wm. W. Reitz, Head, Educational Relations, SCS, Upper Darby, Pa., at Science Section of Schoolmen's Week, Univ. of Pa., March 1947 (1.9601 R27)

GENERAL FARM INTERESTS

NEW INSECTICIDES IN GRASSHOPPER CONTROL. Bur. of Entomology and Pl. Quar. E-722. May 1945 (1.9 En83)

YOUR FARM LEASE. Extension Service & BAE. USDA Miscel. Pub. 627 (1 Ag84M)

THE FARMHOUSE--a list of references supplementing Library List no. 19. Sept. 1947. (1.916 L612 no. 19, sup. 1)

THE MANURE-RELATED HOTEL. Del. Ext. Serv. Lineo. Circ. 40 (275.29 D37M)

OPERATIONS MANUAL FOR FIELD USE OF DDT. Medical Dept., Standard Oil Company. 1946? (423 St233)

TERMITES--Prevention and Control. Ind. Ext. Serv. Bull. 225 (275.29 In2E)

INSECTICIDE DUSTER. Bur. of Ent. & P. Q. ET-237 (1.9 En83Et)

WEED SPRAYS FOR VEGETABLE CROPS. Wis. Agr. Exp. Sta. Spec. Bull. (100 W75Sp Feb. '47)

METHODS USED IN PLANTING BERMUDA GRASS ROOTS AT COALGATE PASTURE FERTILITY STATION. Okla. Agr. Exp. Sta. Misc. Pub. 10.

A DIGEST OF INFORMATION ON HEXAETHYL TETRAPHOSPHATE. Bur. of Ent. & P. Q. E-721. (1.9 En83)

HOME ECONOMICS

- LYE PEELING OF PRODUCTS FOR CANNING. Instructions for use by community, school, and institutional canneries: PMA (1.956 F73L98)
- WASHING MADE EASIER. Wis. Ext. Serv. Spec. Circ. (275.29 W75S Aug. '46)
- ATTRACTIVE KITCHENS. Mich. Ext. Serv. Bull. 182 (275.29 M58B)
- PLANNING BETTER OKLAHOMA HOMES. Okla. Ext. Serv.
- COOKING IN A PRESSURE CANNER. Vt. Ext. Serv. Brieflet 719 (275.29 V59B)
- GETTING THE MOST FROM ELECTRICITY. Okla. Ext. Serv. (Fuses, outlets, switches, electrical terms, short circuits, care of cords, etc.)

LIVESTOCK

- HOW TO HANDLE THE BROOD SOW AND HER LITTER. Ind. Ext. Serv. Bull. 65 (275.29 In2E) (State if you desire packet of material on swine--feeding, housing, etc.)
- FEEDING BRED AND OPEN SOWS FOR MARKET. S. D. Agr. Exp. Sta. Bull. 386 (100 So82B 386)
- ALFALFA HAY AND SILAGE FOR FATTENING LAMBS. N. M. Agr. Exp. Sta. Bull. 335 (100 N465B) (State if you desire packet on sheep raising in general)
- GAINS OF STEERS ON WHEAT, NATIVE AND RESEEDED PASTURAGE. Progress-Report of Tex. Agr. Exp. Sta., Cattle Feeding Series 56 (100 T31P 999) (State if you desire packet of material on beef cattle--feeding, production, diseases, etc.)
- PREVENT MASTITIS IN DAIRY COWS. Wis. Ext. Serv. Spec. Circ. (275.29 W75S Mar. '47) (State if you would like other bulletins on mastitis included)
- COOPERATIVE MARKETING OF RANGE LIVESTOCK. Farm Credit Adm. Bull. 7 (166.2 B87)
- CONTRACT FEEDING AND PASTURING OF LAMBS AND CATTLE. Farm Credit Adm. Bull. 15. (166.2 B87)
- ORGANIZATION AND OPERATION OF THE ILLINOIS LIVESTOCK MARKETING ASSOCIATION. Farm Credit Adm. Bull. 5 (166.2 B87)
- MARKETING SLAUGHTER LIVESTOCK IN INDIANA. Ind. Agr. Exp. Sta. Bull. 522 (100 In2Pb)

FURTHER MATERIAL ON COOPERATIVE MARKETING, ETC.

- OPERATIONS OF COOPERATIVE GRAIN ELEVATORS IN KANSAS AND OKLAHOMA. Farm Credit Adm. Bull. 30 (166.2 B87)
- COOPERATIVE MARKETING OF FLEECE WOOL. Farm Credit Adm. Bull. 33 (166.2 B87)
- USING YOUR WOOL CO-OP. Farm Credit Adm. Circ. E-10 (166.2 C4926)
- USING YOUR LIVESTOCK CO-OP. Farm Credit Adm. Circ. E-7 (166.2 C4926)
- COOPERATIVE GRAIN MARKETING IN THE UNITED STATES. Farm Credit Adm. Circ. C-122. (166.2 C4923 122)
- COOPERATIVE POLICY AND MANAGEMENT--BOTH ENDS OF THE TRACK. Amer. Institute of Cooperation (325 B72 no. 3)
- EXEMPTION FROM INCOME TAX OF FARMERS' COOPERATIVE ASSOCIATIONS. Amer. Institute of Cooperation (325 B72 no. 7)

MISCELLANEOUS

REPORT OF CONDITIONS IN THE GREAT PLAINS, as of July 10, 1947, by R. I. Throckmorton, Chairman, Committee on Conditions. 4 p. Pastures, fallowed land, contour farming, precipitation, grasshopper damage, etc.

THE BALANCE SHEET OF AGRICULTURE, Aug. 1947. BAE. 67 p. The third of a series of annual reports. Gives summary analysis of physical assets, financial assets, farm income, etc., and general factors of significance to the balance sheet. Includes graphs, charts, tables.

LAND-GRANT COLLEGES AND UNIVERSITIES--Statistics for 1945/46. Office of Education, 1947. 38 p.

SUGGESTED ADJUSTMENTS IN KANSAS AGRICULTURE FOR 1948. BAE Agricultural Economics Report no. 33 (281.9 K132)

NOTES

IF YOUR REQUEST FOR A BOOK out of the latest Newsletter does not get results immediately, remember that we are holding the request and that the book will come to you just as soon as your turn is reached (we file your request slips in the order of receipt). When a book proves especially popular we try to buy or borrow other copies to help out with the demand.

"THOMAS EDISON USED TO SAY that technical workers did not read widely enough for their own good. He himself read dozens of serious periodicals from all over the world, whereas the average technician probably reads only one or two periodicals regularly, aside from the ephemeral dailies and light weeklies that most people glance at." We noted the above in Philip McDonald's book "Personality and English in Technical Personnel" (a book listed in our April Newsletter). If you are one of those who could well use further material pertinent to your line of work, let us know so that we can make it available to you. Have you selected certain periodicals from our subscription list to be circulated to you regularly, or have you asked us for certain periodical articles listed on your subject?

Are you interested in the MISSOURI RIVER BASIN and its problems? Here are some bulletins and reports which we can send, individually or as a packet:

COMPREHENSIVE PLAN FOR FLOOD CONTROL AND WATER USE, MISSISSIPPI RIVER BASIN, July 1947. Includes appendix: Comprehensive plan for the Missouri River Basin

MISSOURI BASIN PROGRESS REPORT, 1946/47. U.S. Dept. of the Interior. Prepared by the Missouri Basin Reports Staff, Billings, Montana. 117 p.

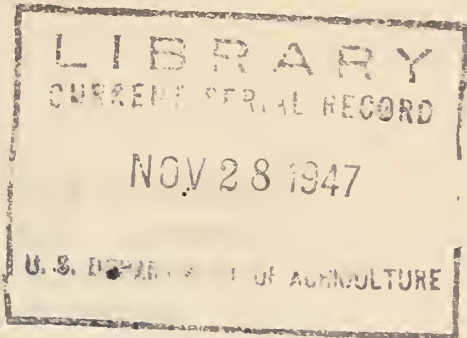
PROGRAM OF THE U. S. DEPARTMENT OF AGRICULTURE WITHIN THE MISSOURI RIVER BASIN, July 1, 1947 to June 30, 1948. Reported by Gladwin E. Young, Lincoln, Nebr. 14 p.

AGRICULTURAL DEVELOPMENT AND PROBLEMS OF THE MISSOURI VALLEY. Presentation by BAE before the Senate Committee on Irrigation and Reclamation. Sept. 1945. 64 p

MINUTES OF THE 18th MEETING OF THE MISSOURI BASIN INTER-AGENCY COMMITTEE, Aug. 21, 1947, Denver, Colorado. (Includes Mr. Young's report of the program of the USDA in the Mo. Basin) (Library has also the earlier Minutes)

ACTIVITIES OF THE STATES AND FEDERAL AGENCIES ON COMPREHENSIVE PROGRAM FOR DEVELOPMENT OF WATER RESOURCES IN MISSOURI RIVER BASIN. Missouri Basin Inter-Agency Committee. Nov. 1946.

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LIBRARY NEWS LETTER
U. S. DEPARTMENT OF AGRICULTURE LIBRARY
LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA

Vol. 6, No. 11

November 1947

NEW LIBRARY BOOKS

THE LAND AND WILDLIFE, by Edward H. Graham. 232 p. 1947. (282.12 G76) The central idea of the book is that what is good in the long run for other land values is good also for wildlife; and its corollary: that a rich and varied biota is a good thing for the land. The author says that the abundance of wildlife does not result from jurisdiction, sportsmen's meetings, or bureaucratic dictates, but from what we do with the land. And what is done with the land must fit the land, and contribute to the needs of those who live upon it. The term wildlife is used throughout to mean wild vertebrate animals, chiefly fish, birds, and mammals. Rudolf Bennett, in reviewing the book in a recent issue of Soil Conservation suggests that the most challenging chapters (12-14) should be read before chapters 3-11, on the theory that it is better to set the stage "before putting the actors through their paces." Dr. Graham's style makes for simple, direct, and convincing reading.

FIFTH AVENUE TO FARM, by Frank Fritts and Ralph Gwinn. 275 p. 1938 (281.2 F91) Can a young man, born on an Ohio farm, who has made Phi Beta Kappa at Yale take his Park Avenue wife who graduated with honors at Vassar to the countryside and enter upon a life of farming, without giving up his ambitions for a life of high cultural and intellectual pretensions? Can they enter upon farming as a career and expect to make an estimable contribution to American civilization? The authors are of the opinion that the answers are affirmative, and the object of the book is to suggest considerations tending to prove their thesis that people of proved superiority may find deep personal satisfaction and contentment in electing farming as a career, that they may make high contribution to civilization by doing so, and that during the next hundred years American society will experience a return to the soil of great numbers of her best people. A thoughtful attempt to raise questions about the genetic quality of American life and how the quality of the human stock can be protected and elevated. A book you shouldn't miss.

FOOD REGULATION AND COMPLIANCE, by Arthur D. Herrick. 619 p. 1944. This comprehensive manual deals with all phases of labeling, packaging, advertising, distribution and purchasing of food products under the law. Contains many label forms, charts, suggestions, tables, precedents, and rulings, and a wide variety of ready references. It deals with food regulation under the federal Food and Drug Act, the Federal Trade Com. Act, and other federal legislation. Aspects of federal meat inspection are discussed in some detail; as well as grade and other federal standards for meat, and a section is devoted to defining the borderline area in which the jurisdiction of the government agencies come together.

TOMORROW'S FOOD: THE COMING REVOLUTION IN NUTRITION, by James Rorty and Philip Norman. 258 p. 1947 (389.1 R692). As reviewed in the Journal of Agronomy, this book is an excellent and easy to read presentation, particularly from the layman's point of view, of some of the problems in and prospects for the production, processing, and marketing of a nutritionally superior food supply. The expert who is alert to the value of a favorable public opinion of his work will not be critical of the use of journalistic methods for accomplishing this. The authors have culled scientific reports of all kinds to present some rather startling facts. The authors examine with a reasonably critical mind Faulkner, Sir Albert Howard, and others. They point out that an important contribution of these men was to "raise the blood pressure of orthodox agronomists." The chapter, "Research Magnificent," which deals with the work of the U. S. Plant, Soil, and Nutrition Laboratory is an example of good reporting of research activities. It's a book of well-grounded optimism for the future of the American diet, showing how the forces of technology will bring good fresh food to Americans and take malnutrition out of American history.

FARM ORGANIZATION AND MANAGEMENT, by G. W. Forster. 476 p. Revised ed., 1946. (281.12 F77) The book attempts to integrate general economic principles with sound farm practices. The first part of the text deals with the organization of the farm, and the second part with its management. Two chapters on farm accounting have been added to this second edition.

ELK BELOW! By Orange A. Olsen. 104 p. 1945 (412.1 OL8) Orange A. Olsen spent more than a quarter of a century of his life working with wildlife and on ranges and mountains of the Intermountain country. He was killed in an airplane crash in March 1945 while counting elk in Wyoming. This small book has been published by his friends and associates as a memorial to his work and his contributions to the cause of wildlife. He had contributed daily to the fund of knowledge available on game, fish, wild lands and their management, and he recorded his findings in writing and photography. He had a unique way of expressing what he found in field conditions, problems, and their solutions. His camera caught the fawn, the rainbow trout, the mountain goat in their native habits. This book is a cross section of his contributions to game management.

HANDBOOK OF PERSONNEL MANAGEMENT, by Geo. D. Halsey. 402 p. 1947 (249.3 H16H) In scope and depth of treatment, in "heightened common-sense," hard to beat. Emphasizes methods tested and found successful in organizations of less than 3,000 employees, presents the best theory supporting these practices and cites pertinent examples from a variety of work situations. Covers in thirty-one chapters every phase of employing, orienting, training and supervising--a real handbook, not only of top personnel management, but also of day-to-day operation on section and department levels. Annotated bibliographies open the whole literature of personnel and a list of "sources of information and help in personnel management" completes the volume. "Good for years!" says the reader's adviser at the New York Public Library, who unreservedly recommends this book.

THE EARTH AND LIFE UPON IT, by G. S. Craig and B. D. Hurley. 361 p. 1940. (330 C84) A good example of a conservation book suitable for children, one of the "new pathways in science" series. Attractive illustrations and photographs, some in color, with print well leaded.

TOWARDS WORLD PROSPERITY, ed. by Mordecai Ezekiel. 469 p. 1947 (280 Ez3)
Since the economic systems of all countries have been geared to war conditions or threats of war these ten years or more, what restoration in industry and commerce can be developed to insure prosperity and permanent peace? This symposium affords the framework and most of the design and coloring for anyone to prepare a reasonable facsimile of an architect's drawing of prosperity, and for all to cooperate in the actual construction, so that any more wars will be "built out." Here are the views of 20 experienced investigators, economists, and authors who are familiar with the industrial and agricultural fields of the countries about which they write. Splendid survey and source book of international trade conditions.

PROBLEMS AND PROGRESS OF FORESTRY IN THE UNITED STATES. Report of the Joint Committee on Forestry of the National Research Council and the Society of American Foresters. Henry S. Graves, Chairman. 112 p. 1947 (99.61 J66) The objective of this committee organized in 1942 has been to study the present forest situation in the United States, to review what is being done in various fields of forestry, and to determine and interpret problems that are not already being met through existing agencies; all directed to strengthening foundations for planning to meet postwar conditions. The five chapters are: The forest situation in the United States; Public responsibilities and action in forestry; Problems of private forestry; Public action in advancing private forestry; Education and research in forestry.

BULLETINS AND PAMPHLETS RECENTLY RECEIVED

SCS Publications

- HANDBOOK OF CHANNEL DESIGN FOR SOIL AND WATER CONSERVATION. SCS-TF-61. 41 p. March, 1947 (1.96 Ad6TP no. 61)
- RESEARCH SUMMARIES. Pt. VI. By J. H. Stallings. 117 p. August 1947. (1.96 R31Rs pt. 6)
- BIOLOGICAL SCIENTISTS IN THE FEDERAL SERVICE. Address by Regional Conservator, Upper Darby, Pa. at Federal Agency-College Conference, Feb. 1947. 4 p. (1.96 Ad6Pa)
- PHYSICAL LAND CONDITIONS AFFECTING USE, CONSERVATION, AND MANAGEMENT OF LAND RESOURCES, OSBORNE COUNTY, KANSAS. SCS & Kans. Agr. Exp. Sta. July 1947 (1.96 L22Pho) (Issues for other Kansas counties in this series received since April: Allen County, Rice County, McPherson County, Stafford County, Ellsworth County)

BAE Publications

- POPULATION DISTRIBUTION AND RURAL SERVICES IN THE NORTHERN GREAT PLAINS, by A. H. Anderson, Social Science Analyst. 13 p. July 1947.
- CURRENT DEVELOPMENTS IN THE FARM REAL ESTATE MARKET. 6 p. July 1947.
- KANSAS FARM MANAGEMENT SUMMARY & ANALYSIS, 1946. Agricultural Economics Report, no. 32. Kans. Agr. Exp. Sta. & BAE. (281.9 K132 no. 32)
- FARM COSTS AND RETURNS, 1945 & 1946. Family-operated farms in 6 major farming regions. FM 68. 14 p. April 1947 (1.941 L6F22 no. 68)
- FARM PRODUCTION, FARM DISPOSITION, AND VALUE OF PRINCIPAL CROPS, 1945-1946, by states. 24 p. May 1947 (1.9 Ec71Prf 1945-46)

Home Economics

- FURNITURE REPAIR AND CARE. Mass. Ext. Serv. 8 p. (275.2 M38Fu)
- USING YOUR DRESS FORM. Nebr. Ext. Serv. E. C. 436. 4 p. (275.29 N272Ex 436)
- BUILDING A METHOD DEMONSTRATION, by Miriam Birdseye, Extension Nutritionist.
U. S. Ext. Service. 5 p. (1.913 A2B862) Make it simple, summarize, dilute
your discussion, leave a permanent record, make it neat, be clearly heard, etc.
- IMPROVED HOME STORAGE. S. Dak. Ext. Cir. 422 (275.29 So850 no. 422)
- VITAMIN AND MINERAL VALUES OF VEGETABLES as served in an army mess. USDA Misc.
Pub. 632 (1 Ag84M-no. 632)

General Farm Interests

- DETERMINING COSTS OF TRACTOR AND MACHINERY USE. Ala. Agr. Exp. Sta. Progress
Report series, no. 33. 4 p. March 1947 (100 ALLM no. 33)
- EQUIPMENT & METHODS FOR SPRAYING LIVESTOCK. Nebr. Ext. Serv. E. C. 1550.
(275.29 N272Ex no. 1550)
- NEWCASTLE DISEASE (poultry) Kans. Agr. Exp. Sta. Circ. 243. 1947 (100 K13Sc)
- VITAMINS FOR POULTRY. Nebr. Agr. Exp. Sta. Circ. 81. Aug. 1946 (100 N27C)
- EFFECTS OF TIME OF CUTTING ON YIELDS AND FEEDING VALUE OF PRAIRIE HAY. A
Progress Report for 1945-1946. Nebr. Agr. Exp. Sta. Bull. 385 (100 N27B)
- SWINE RESEARCH. 3-page article, BAI, April 1947, descriptive of swine research
conducted at Beltsville (1.972 A3Sw6)
- RESIDUAL-TYPE DDT SPRAYS CONTROL HOUSEFLIES. USDA Research Achievement Sheet
no. 83, Sept. 1947 (1.98 R31 no. 83)
- AN EXHAUST AEROSOL GENERATOR FOR 1- $\frac{1}{2}$ HORSEPOWER MOTORS. USDA Bur. of Entomology.
ET-238 (1.9 En83Et no. 238)
- PHYTOTOXICITY OF DDT DUSTS AND SPRAYS TO TRUCK CROPS. USDA Bur. of Entomology.
E-715 (1.9 En83 no. 715)
- KANSAS NOXIOUS WEED ERADICATION REPORT AND PROGRAM, 1946. Kans. State Board of
Agriculture. 16 p.
- COMMERCIAL POTATO PRODUCTION IN NEBRASKA, by H. O. Werner. Nebr. Agr. Exp. Sta.
Bull. 384 (100 N27B no. 384)
- RANGE CATTLE PRODUCTION IN WESTERN NORTH DAKOTA. N. Dak. Agr. Exp. Sta. Bull.
347 (100 N813B no. 347)

Forestry Interests

- IDENTIFYING INJURY BY WILDLIFE TO TREES AND SHRUBS IN NORTHEASTERN FORESTS.
U. S. Fish and Wildlife Service Research Report 13. (156.2 R31 no. 13)
- LUMBER MANUFACTURING, WOOD AND ALLIED ASSOCIATIONS, 1947 (Company names and
addresses) U. S. Forest Service (1.9 F76Lm)
- SEVERAL SCALE INSECTS AFFECTING SHADE TREES IN NEBRASKA. Nebr. Ext. Serv. E. C.
1536, rev. May 1946 (275.29 N272Ex no. 1536)

Reports, Proceedings, etc.

AMERICAN FARM BUREAU FEDERATION. ANNUAL REPORT, 1946. 24 p.

NEBRASKA STATE IRRIGATION ASSOCIATION. PROCEEDINGS OF THE 54th ANNUAL CONVENTION, Holdrege, Nebraska, December 1946.

THE USE OF WATER RESOURCES FOR AGRICULTURE IN THE NORTHERN GREAT PLAINS. Proceedings of Northern Great Plains Agricultural Advisory Council, Custer, S.D., August 1945. 117 p. (282.9 N817 1945) Some of contents: Watersheds, by W. G. McGinnies; Small Irrigation, by H. F. McColly; Range and Stockwater, by Geo. Weaver; Experience in Converting Lands to Irrigation Use, by Ivan Wood; Experience in Education for Irrigation, by J. C. Taylor; Farm Layout, by W. O. Wallinder; Status of Plans and Authorizations for the Missouri River Basin, by H. A. Steele; Missouri Valley Inter-Agency Committae, by Kirk Sandals; Effect of Proposed Irrigation upon the Agriculture of the Northern Great Plains, by E. A. Starch.

PROCEEDINGS OF THE WESTERN FARM ECONOMICS ASSOCIATION, June 1946, Gearhart, Oregon. 243 p. (280.83 W53 19th) Some of the papers: Multiple Purpose Water Projects, by S. B. Morris; Labor Unionism in American Agriculture, by Stuart M. Jamieson; Definitions of Land Classes and Methods Used in Mapping, by B. D. Parrish; Statistical Description and Analysis, by A. W. Peterson; Social Responsibilities of Research Workers, by Marion Clawson; A Regional Research Program in Agriculture Economics, by F. L. Thomsen; Types of Economic Information for Farmers, by V. Gilman; Outlook Information - Making it More Useful to Farmers, by Karl Hobson.

REPORT OF THE CHINA-UNITED STATES AGRICULTURAL MISSION. 265 p. May 1947. (281.184 C442 no. 2) In October 1945, the National Government of the Republic of China presented to the Government of the United States a proposal for technical collaboration in agriculture and forestry. A Mission of qualified specialists was formed, conferences were held, studies made, eleven weeks were spent in travel to make a first-hand study of conditions and problems...then five weeks were spent in preparing this report. It outlines in some detail a broad, comprehensive, and progressive program for the improvement of China's agriculture.

CANADIAN AGRICULTURAL PROGRAM FOR 1947. 63 p. (281.13 C1650 1947)

MECHANIZATION IN CANADIAN AGRICULTURE. Agricultural Institute Review, March 1947. (7 Ag8 v. 2, no. 2)

60TH ANNUAL REPORT, NEBRASKA AGRICULTURAL EXPERIMENT STATION. 1947. (100 N27A)

WYOMING STATE ENGINEER'S BIENNIAL REPORT, 28th, 1945-1946. Includes activities of U. S. Bur. of Reclamation in Wyoming; also of U.S. Engineer Dept.

SOUTH DAKOTA STATE HORTICULTURAL SOCIETY ANNUAL REPORT, 44th, 1946/1947 (81 So86 44th)

STATISTICAL REPORT, AGRICULTURAL CONSERVATION AND RELATED PROGRAMS, NEBRASKA: U. S. Production and Marketing Administration, Field Service Branch, Lincoln. Gives no. of farms by county, acres of farm land, acres in cropland, and acres of cropland participating in PMA conservation program in 1945, etc. (Library also has similar reports for other states of this region.)

Bibliographies

SELECTED BIBLIOGRAPHY ON FOREST SURVEYS WITH AERIAL PHOTOS. Comp. by Pacific Northwest Forest and Range Exp. Sta. 3 p. April 1947 (1.9622 P2Se4)

A SELECTED BIBLIOGRAPHY ON RANGE MANAGEMENT LITERATURE. Prepared by Range Research Division, Northern Rocky Mountain Forest & Range Exp. Sta., Missoula, Mont. 19 p. Includes the more important articles and publications for 1945 and 1946, and a number of earlier references. (1.9622 N3Se4)

BIBLIOGRAPHY OF MARKETING PUBLICATIONS ISSUED BY THE U. S. DEPARTMENT OF AGRICULTURE FROM 1937 THROUGH 1946. 144 p. May 1947 (1.956 B85B47)

BIBLIOGRAPHY OF NORTH AMERICAN GEOLOGY, 1944 and 1945. U. S. Geological Survey Bull. 952. 496 p. 1947 (407 G29B 952)

NOTES

AD-245's: Most of you do a very good job of making use of the form-slips for requesting loan of library books and bulletins. Recently some of you have been forgetting to put the book's call no. in the upper left corner of the slip. In our Newsletter you will find the call no. given in parenthesis. The Bibliography of Agriculture also lists the call no. for you.

HAVE YOU READ THE DEPARTMENT REGULATIONS concerning library materials? Since the latest revision happened to come to our desk today, we mention some of the regulations here:

No. 1916 states that library materials may be borrowed for periods not longer than one month, and briefer periods of loan shall be set by the librarian for those materials which are needed by others. Materials borrowed for a month may be renewed for an additional month upon the borrower's request if they are not needed by others. Any piece on loan is subject to recall by the library for the use of others when the need is urgent.

Any employee leaving his official station for more than one week shall immediately return any library material charged to him. No employee shall take library material from the station at which it was charged to him without first obtaining the permission of the library from which it was borrowed.

Failure to return library materials when due may result in the withdrawal of loan privileges. Failure to replace library materials lost or damaged or to make reimbursement therefor shall be reported by the library to the chief of the Bureau concerned, who shall see that the record is cleared.

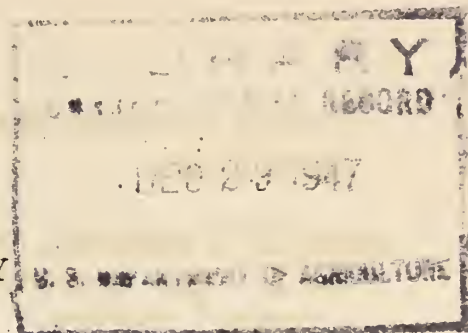
No. 1911 states that Working Tools are library materials in your office which are needed there constantly--publications which you use there at least once a month.

For further statements re library loans and Working Tools see Regulations no. 1911 through no. 1918.

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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE LIBRARY
LINCOLN BRANCH
RUDGE & GUENZEL BLDG.
LINCOLN 1, NEBRASKA



Vol. 6, No. 12

December 1947

NEW LIBRARY BOOKS

A SECOND LOOK, by Edward H. Faulkner. 193 p. 1947 (56.7 F27S) In this sequel to Flowman's Folly Mr. Faulkner answers his critics and re-examines the theories expressed earlier, in the light of extensive investigations he subsequently made in visiting experiment stations, soil scientists, and farmers in many parts of the country. He gives his reasons for maintaining that the continuous use of commercial fertilizers is a mistake. What the soil needs is a certain gentle chemistry, not just the "putting back" of something taken away. If Flowman's Folly dealt a body blow to deep plowing, then A Second Look sets in revolutionary perspective the whole problem of soil impoverishment.

TRACE ELEMENTS IN PLANTS AND ANIMALS, by Walter Stiles. 178 p. 1946 (395 St5) Trace elements, micro-nutrients and minor elements are terms applied to a number of chemical elements which are essential for the lives of plants and animals, but which are required in extremely small quantity. The development of knowledge of the part played by the trace elements in the life of plants and animals is very recent, nearly all of our present information on the subject having been acquired during the past 20 years. During that time a great many observations have been made in the field, and much experimental work carried out in both field and laboratory. The author presents a digest of available information, so that the salient facts may be available in a convenient form, and the present position of our knowledge of trace elements in living organisms made plain.

FARMING AND MECHANISED AGRICULTURE, 1948. 398 p. 1947 (10 F2227) The fourth annual edition of this review of British agriculture. Besides serving as a reference book of agricultural statistics, agricultural societies, and general directory, it provides a general review of the agricultural situation, of legislation and policy, of agricultural education in Britain.

MARKETING FARM PRODUCTS, by Geoffrey S. Shepherd. 437 p. 1946 (280.3 Sh4M) What is "a market"? What are the effects of decentralized marketing on livestock prices? Does speculation stabilize prices? What is the effect of volume of futures trading on prices? What causes hog price cycles? A distinctly readable book discussing these and similar subjects such as the organization and operation of the marketing system, grain marketing, grain-storage problems, including the adequacy of grain-storage supervision. The book is divided into three parts: The Physical Production and Distributing

Plant; Meeting Fluctuations in Market Prices; and Reducing the Costs of Marketing.

AMERICA'S FABRICS, by Zelma Bendure & Gladys Pfeiffer. .688 p. 1946 (304 B432) The magazine Practical Home Economics calls this "a technical book with a 'rave' review." It is elaborate and carefully prepared, handsomely illustrated, and a tribute to our modern fabrics--a living record of the industry that is as old as man's need for clothes. Although the book does not stress technical data essential to fabric technicians it is yet a comprehensive study of all fibers and all processes used in textile manufacture. The source and history of every fiber is graphically told and processes explained in detail by which each fiber is made into yarns, woven, knitted, twisted or felted into materials and then finished, dyed or printed for the final product. The authors' vast enthusiasm for their subject is transposed into their writing so that the book is not only technically exact but fascinating reading. One chapter describes fabrics for the home. The final chapter in the book is on testing and standards and is a resume of the progress being made by manufacturers, stores, and national organizations in advancing fabric knowledge. Several FHA home advisers have expressed an interest in the book.

BOVINE MASTITIS--A SYMPOSIUM. Edited by R. B. Little and W. N. Plastridge. 532 p. 1946 (41 L722) This disease furnishes material for scientific investigations all over the world. Opinions long held valid are gradually discarded in favor of others as new facts are brought to light, and many phases of the disease remain obscure. This symposium makes available an informative series of discussions covering the diagnosis, bacteriology, pathology, serology, etiology, transmission, control, treatment, public-health significance, and effect on dairy products.

GRAZING LAND MANAGEMENT, by Volney M. Douglas. 31 p. 1947 (60.1 D74) This booklet explains some of the important facts and practical cultural procedures which make management of grazing lands profitable. Briefly it covers the soil and minerals of grazing lands, the population of creatures of grazing lands, the stand of plants, the principal materials needed in the manufacture of forage, growing the forage crop, harvesting, cultural practices. Published by the author, Phoenix, Arizona.

EARTHWORMS--Their Intensive Propagation and Use in Biological Soil-Building--The Earthmaster System. By T. H. Barrett, Roscoe, Calif. 88 p. 4th ed., 1946 (436 B272E) This small book speaks of the culture of "domesticated earthworms" as a fascinating hobby or as a profitable home industry, and explains how it can be done. The author recommends the system for renewing, conditioning and maintaining the topsoil of lawns, gardens, nurseries, farms and orchards.

THE LIVING SOIL, by E. B. Balfour. 248 p. 6th ed., 1946 (56.5 B19) The importance to human health of soil vitality might be said to be the theme of this book. "If the nation's health depends on the way its food is grown, then agriculture must be looked upon as one of the health services, in fact the primary health service." He places emphasis on proofs that the health of crops grown with humus can be transmitted to animals, and warns that "if further investigation should prove that certain chemicals injure the health-giving powers of the soil, then application of these chemicals must be forbidden. If this cuts across vested interests, then the nation's health is more important than any vested interest..." To show that health is to a large de-

gree dependent upon correct soil management he devotes several chapters to "Circumstantial Evidence," "Direct Evidence," "Medical Evidence."

BULLETINS AND PAMPHLETS RECENTLY RECEIVED

Soil Conservation Interests

CONSERVATION BENEFITS SURVEY, by John W. Barnard, SCS, Upper Darby, Pa., Jan. 1947. (1.9601 C764) Summary of important facts brought out by SCS surveys over the U.S. comparing the quantity of 1945 agricultural production on farms of similar land use capability but with differences in the application of soil and water conservation practices.

THE MISSOURI SOIL SAVING DAM. Mo. Agr. Exp. Sta. Bull. 499 (100 M693B 499) Advantages, design and construction, materials required, details of construction, tables to be used in determining cubic foot of runoff.

AGRICULTURAL CONSERVATION PROGRAM MAPS. 1947. Dotted maps indicating area concentration of the various FMA agricultural conservation practices in 1945, for instance the areas where most limestone was applied, etc.

FOOD AT THE GRASS ROOTS--THE NATION'S STAKE IN SOIL MINERALS. 100 p. 1947. This report by the TVA recites the 10 years' experience of the people of the Valley, their agencies, and the TVA in the complex task of utilizing the water, the soil, and the mineral resources to improve the enterprise of agriculture. Data of agronomics, of agricultural economics and rural sociology, of soil chemistry and chemical engineering, of animal and human nutrition.

A STUDY OF FACTORS INFLUENCING INOCULATION EXPERIMENTS WITH AZOTOBACTER. Kans. Agr. Exp. Sta. Techn. Bull. 26. 1930 (100 K13St 26)

PROGRESS REPORT OF FIELD TRIALS OF SOIL CONSERVATION PRACTICES IN SOUTH DAKOTA FROM 1939 to 1943. S. D. Agr. Exp. Sta. Agronomy Dept. Pamphlet no. 3 (100 So82A no. 3)

THE EFFECT OF CONSERVATION PRACTICES ON CROP YIELDS. S. D. Agr. Exp. Sta. Agron. Dept. Pamphlet no. 7. 1945 (100 So82A no. 7)

INCREASED CROP YIELDS BY CONSERVATION FARMING. S.D. Agr. Exp. Sta. Agron. Dept. Pamphlet no. 5. 1945 (100 So82A no. 5)

SOIL TESTING FOR SOUTH DAKOTA. S.D. Agr. Exp. Sta. Agron. Dept. Pam. no. 13. 1947. (100 So82A no. 13) How to take sample and prepare for shipment, and additional information to be submitted with sample.

SOIL CONSERVATION CAN'T STAND STILL. Address by Dr. Hugh H. Bennett, Big Horn SCD, Hardin, Mont., July 22, 1947 (1.962 Ad62 July 22, 1947)

Geology, Water Surveys, Etc.

SUBSURFACE GEOLOGIC CROSS SECTION FROM SCOTT COUNTY, KANSAS, TO OTERO COUNTY, COLORADO, by John C. Mather. State Geol. Surv. of Kans., Oil and Gas Investigations, Prelim. Cross Section no. 4. 1947.

GEOLOGY OF BENTONITE DEPOSITS NEAR CASPER, NATRONA COUNTY, WYOMING. Geol. Survey of Wyo. Bull. no. 37. 1946.

CHROMITE DEPOSITS NEAR RED LODGE, CARBON COUNTY, MONTANA. U.S. Geol. Survey Bull. no. 945-F. 1946 (407 G29B 945-F)

TERMINOLOGY RELATING TO THE OCCURRENCE, BEHAVIOR AND USE OF WATER IN NEBRASKA, by G. E. Condra. Nebr. Water Survey Bull. no. 1, 1944.

Forestry Interests

MANAGING THE SMALL FOREST. USDA Farmers Bull. 1989. May 1947. (1 Ag84F 1989)
Planting trees, protecting the small forest, measuring the forest, cutting the
timber crop, selling forest products.

TABLES FOR TECHNICAL WRITERS. Northeastern Forest Exp. Sta., Philadelphia.
Station Paper no. 3. May 1947. Some of the main principles of tabular presen-
tation--the main parts of a table, how to present averages, totals, percentages,
etc.

A GUIDE FOR RANGE RESEEDING ON AND NEAR THE NATIONAL FORESTS OF MONTANA, by C.
Allan Friedrich. Northern Rocky Mt. Forest & Range Exp. Sta., Missoula, Mont.
Station Paper no. 7 (1.9622 N3St1 no. 7)

FOREST COOPERATIVES IN THE UNITED STATES. U.S. Forest Service. Report no. 6 from
A Reappraisal of the Forest Situation. 1947 (1.962 A2R297 no. 6)

A SIMPLIFIED METHOD FOR LOCATING SAMPLE PLOTS ON AERIAL PHOTOGRAPHS. Northeastern
Forest Exp. Sta., Philadelphia. Station Note no. 3 (1.9622 N2St2 no. 3)

LOGGING TRUCKS. Northeastern Loggers' Handbook, Sect. 16 (1.9622 N3St1 No.16)

WINTER HAULING. Northeastern Loggers' Handbook, Sect. 15 (1.9622 N2N81 no. 15)

POLE BLIGHT--A NEW DISEASE OF WESTERN WHITE PINE, by C. A. Wellner. Northern
Rocky Mt. Forest & Range Exp. Sta., Missoula. Station Paper no.8 (1.9622 N3St1)

Crops, Plants, Etc.

VETCH ON SANDY SOILS. Wis. Ext. Serv. Stencil Circ. 254 (275.29 W75B 254)

WILL IT GROW IN OKLAHOMA? A Summary of Tests and Observations on the Oklahoma
Adaptation of New and Unusual Crops. Okla. Agr. Exp. Sta. Bull. B-307.
(100 Ok4B 307)

PRIMAR--A NEW SLENDER WHEATGRASS FOR CONSERVATION USE. Wash. Agr. Exp. Sta. Bull.
478 (100 W27Eb 478)

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WHEAT PRODUCTION IN OKLAHOMA. Okla. Ext. Serv. Cir. 447 (275.29 Ok41C 447)
Varieties, winter survival, fertilizers, rotation systems, weed control, in-
sects, diseases, rye mixtures, certified seed, milling & baking characteristics,
seeding.

MILLING AND BAKING CHARACTERISTICS OF HARD WINTER WHEAT VARIETIES OF KANSAS.
Kans. Agr. Exp. Sta. Circ. 238 (100 K13Sc 238)

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- VACUUM CLEANERS. Better Buymanship, Use and Care. Household Finance Corporation.
(321.8 H814 no. 21)
- EASIER LAUNDERING. Pa. Ext. Serv. Circ. 301 (275.29 P38C 301)
- DDT FOR CONTROL OF HOUSEHOLD PESTS. E&PQ. March 1947 (1 En86D)
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- ROOTS OF FOREST TREES. A Selected List of References, Dec. 1, 1946. California
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- KILOWATS, MOTORS AND FARM ELECTRIC JOBS. Me. Ext. Serv. Bull. 351 (275.29 M281B)
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duce electricity? How is electricity generated and distributed, measured & sold?
- EQUIPMENT FOR THE DISPERSAL OF DDT INSECTICIDES BY MEANS OF AIRCRAFT. E&FQ ET-228.
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- BASIC RECOMMENDATIONS FOR FREEZER-LOCKER PLANT CONSTRUCTION. PMA (1.956 F73B29)
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- THE USE OF DISINFECTANTS ON THE FARM. USDA Farmers Bull. 1991 (1 Ag84F 1991)
- HOME BUILT FARM REFRIGERATORS. Wash. Ext. Serv. Bull. 317 (275.29 W27P 317)
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March 1947 (275.29 W75S Mar. '47)
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- THE CARE & CLEANING OF MILKING MACHINES & MILK UTENSILS. Wis. Ext. Serv. Stencil
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(1 An52Reg)
- FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT. (Became a law in June 1947)
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Commission, 1947. 72 p. (413 H522)
- REPORT ON EXPLORATORY INVESTIGATIONS OF AGRICULTURAL PROBLEMS OF ALASKA. USDA
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1931-44. BAE. 1947 (1.941 L3T725) (Library has also for Frenchtown Irriga-
tion Project and Buffalo Rapids Irrigation Project, Montana)
- REPORT OF LIVESTOCK ADVISORY COMMITTEE, and Research and Marketing Proposals for
the Livestock Industry. Research and Marketing Act of 1946. USDA, 1947. (Li-
brary also has other of the reports re suggested programs for various commod-
ities under the Research and Marketing Act: Wool; Seed; Soybeans & Flaxseed;
Feed; Grain)

NOTES

CEASED PERIODICALS: Land Policy Review is no longer issued by BAE. Consumers'
Guide is no longer issued by USDA. Federal Science Progress is no longer is-
sued by U.S. Dept. of Commerce. Bread and Butter is no longer issued as a sep-
arate publication by Consumers Union; it is now a section in its Consumer Re-
ports. Experiment Station Record has not been published since 1946.

CONSERVATION BOOKS SUITABLE FOR WORK WITH CHILDREN: Would you like a package
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