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United States Department of Agriculture

Poultry Science and Fur-Bearing Animals

STA/STA

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Introduction Reported in this issue are opportunities, new material, and other information or ideas. No information was printed in the Federal Register which was applicable to the poultry or fur-bearing animal industries.

Directory to be Changed The supply of Extension Poultry Specialist Directories is almost gone. The next copy will be more valuable to you in two ways: 1) The 1890 Land-Grant Institution and Tuskegee personnel will be included; 2) The headings will be more clearly defined.
I need your help to make the updated directory more accurate. The following will be the headings and guidelines. Please review the examples, then check your percentages and give me the necessary changes As Soon As Possible. If you do not have or know the exact percentages, please GUESS. Thank You.

NAME	PHONE #	B	E	T	R	G	4-H	P	N	M	H	Remarks
		1) Percent of Extension Time.					1) Percent Poultry/Fur-bearing Animal Appointment.					
		2) Include 4-H work with commercial poultry/					2) The percentage of time spent working in major disciplines of poultry or fur-bearing animals; or the time spent working in these areas if part of another department.					
		3) MUST EQUAL 100%					3) MAY BE LESS THAN 100%					
Example 1		20	20	20	20	20	30					
2		50	50				10	5	25	50	10	
3				100						20		Ag. Eng.
4		32	35	25	3	5					35	Diag. Lab
5		50	50				80			20		

1) The Impact of Stress

The Impact of Stress is the title of a three-day poultry symposium to be conducted at the University Park Holiday Inn, Fort Collins, CO 80525, June 9 - 12. The general purpose of the symposium is to carefully examine the potential for stress in commercial flocks and to identify proven management strategies that are successful in accommodating stress. Topics include: recognition of stress (symptoms); sources of stress; behavior under stress relative to production goals; the prevention of stress within accepted management standards; and corrective measures to be considered from both the nutritional point of view and general environment of the flocks. Economic impact, environmental obligations, and how we can research the effects of stress will be considered. For more information, contact Dr. Robert E. Moreng, Department of Animal Sciences, Colorado State University, Fort Collins, CO 80523; phone 303/491-6159.

2) Eastern Shell Egg Quality School

The school is sponsored by the Southern United Egg Producers in cooperation with the United States Department of Agriculture, the Virginia Department of Agriculture and Consumer Services, the Poultry Science Department of the University of Maryland and the Virginia Polytechnic Institute and State University. The School will be held June 8 - 11, at the Conestoga Resort Inn, in Lancaster, Pennsylvania. This is the 55th year the school has been offered.

It is designed for the serious-minded person who wants to learn as much as possible about egg quality in a short period of time, and is also ideal as a refresher course for former students or the experienced industry person seeking advancement. The class will be divided into small sections of five or six students, each with an instructor who will work with his section throughout the course, teaching them in the laboratory and sitting with them in class. Following most lectures, a 15-minute buzz session is scheduled. The tuition is \$150.00. Enrollment deadline is May 20. For more information, write:

Eastern Shell Egg Quality School
Southern United Egg Producers
Suite 580
3951 Snapfinger Parkway
Decatur, GA 30035

3) VPI Quality Control Workshop

This short course will begin on Tuesday, June 22 at 10:00 a.m. and conclude on Thursday, June 24, at 4:00 p.m. There is no charge for this Cooperative Extension Program to be held in cooperation with the Virginia Processors Education Committee. A manual for the course will cost \$12.50. For more information, contact:

Dr. Lewis Wesley
Department of Food Science and Technology
VPI
Blacksburg, VA 24061
703/961-5058

Temporary
Foreign
Assignment

The government of Suriname has requested the services of a poultry production specialist for a short-term assignment (2-3 weeks) to assess the poultry situation and recommend future action. The position starts as soon as possible, with no closing date. Interested Cooperative Extension personnel should contact Carol Hammaker, International Program-ES, Room 332A, Admin Bldg., 14th and Independence Ave., Washington, DC 20250, 202/447-3801.

Material
Available

1) Video cassette: Today and Tomorrow

The USDA/Economic Research Service Agricultural Outlook Program.

- a) "Today and Tomorrow" provides an overview of USDA's Outlook program from its beginning in the 1920's under the leadership of noted agricultural economist Dr. Henry C. Taylor, to the current sophisticated, rigorous, and comprehensive program of research and analysis. USDA Correspondent Dave Carter talks with government and private professionals who develop and use USDA outlook analysis. The program defines "outlook", and takes a brief look at each of the eight groups that contribute to the USDA Outlook effort, with special emphasis on the objectivity of the process. The program is of good quality, and would make an excellent teaching tool to introduce students to the roles of government. The student will also be exposed to potential job opportunities. The price is \$25.00/single copy (3/4"; VHS; Beta). For more information contact:

David Carter, Head
Documentary Production
USDA/Economics Management Staff Room
Washington, DC 20250
202/786-1494

2) Formaldehyde Material Safety Data Sheet

A data sheet that outlines safety hazards, symptoms of over-exposure, and other important information is available from:

Chemland, Inc.
1298 S. Walnut
Turlock, CA 95380
209/668-4405

3) Lethal Dietary Toxicities of Environmental Contaminants and Pesticides to Coturnix

Fish and Wildlife Technical Report 2, by Elwood F. Hill and Michael B. Camardese.

Five-day subacute dietary toxicity tests of 193 potential environmental contaminants, pesticides, organic solvents, and various adjuvants are presented for young coturnix. The report provides the most comprehensive data base available for avian subacute dietary toxicity tests and is primarily intended for use in ranking toxicities by a standard method that has a reasonable degree of environmental relevance. Findings are presented in two parts: Part I is a critique of selected results that includes discussion of subacute toxicity in relation to chemical class and structure, pesticide formulation, and age of animals; Part II is a summary of toxicologic findings for each test substance and provides a statistical basis for comparing toxicities. Two of their conclusion were: 1) Fewer than 15% of the compounds were classed "very" or "highly" toxic (i.e., LC50 less than 200 ppm) and all of these were either chlorinated hydrocarbons, organophosphates, or organometallics; 2) subacute toxicity may vary widely among structurally similar chemicals and between different formulations of the same chemical; therefore, conclusions about lethal hazard must be made cautiously until the actual formulation of interest has been tested.

Copies of this publication may be obtained from the Publications Unit, U.S. Fish and Wildlife Service, Matomic Building, Room 148, Washington, DC 20240, or may be purchased from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161.

4) Marketing Cooperative Extension

Extension Service Information and Communications Staff, under a cooperative agreement with University of Maryland Information Staff, has prepared 3 videotapes: Marketing Cooperative Extension: Organization, Program, and

Professional. Patricia Calvert and Ovid Bay, ES-INF, are ES coordinators; Kathy DeMarco, Extension television producer, is Maryland coordinator and producer of the series. Extension Information Staff in each State will have a copy of each videotape, plus a marketing packet on the tape with camera-ready art, a brochure on content and use of the tapes, and a fact sheet on tips for using the tapes with staff, clientele and cooperators. Three marketing seminars based on the tapes have been held for ES staff. For more information, contact:

Pat Calvert
USDA/ES-INF
Room 3430 South Building
Washington, DC 20250
202/447-6133

5) You may obtain the List of Available USDA Publications for Sale from GPO, from:

Nancy Sowers
Head of Publications and Visual Services
USDA/ES
Room 3431, South Building
Washington, DC 20250

202/447-4111

6) Technical Information Available from the Food Safety and Inspection Service (FSIS)

A catalog which describes currently available FSIS publications and audiovisuals may be obtained by contacting personnel at the following address. Publication major topics are: Equipment, Facilities, and Sanitation; Food Safety; Imports; Inspection; Labeling; Laboratories; Laws and Regulations; Miscellaneous; Quality Control; Residues; and Slide Sets. Sources and any costs are indicated.

FSIS Publications Office
USDA/ILA
Room 1163 South Building
Washington, DC 20250
202/447-9351

7) National Poultry Improvement Plan (NPPI) Publications

The NPPI directories mentioned in volume 2, #1 of this newsletter are now available for shipping. To receive a copy contact:

NPPI
USDA/APHIS Veterinary Service
Room 828, Federal Center Building #1
Hyattsville, MD 20782
202/436-5140

Help!

In the last newsletter, we sent an enclosure that described AMS free materials. Someone sent a request to me but did not include the name and address. Unfortunately, the form became separated from the letter and the letter was misplaced. So - try again.

Success Story

4-H Avian Bowl

Roughly three years ago the old College Bowl format was rehatched in California as the Avian Bowl. Teams of four 4-H'ers each have been vying at local events and the California State Fair for the honour of being declared the most knowledgeable in their their project area. The contestants are grilled on their knowledge of exhibition poultry, management, grading of poultry and eggs, nutrition, physiology, disease, game birds, and exotics. Not only do the children need to know the correct answers, they must be able to state their answers in a prescribed, short response period. The defending state champions for the past two years have been the Santa Clara County Cluckers. Not only do these youngsters come from one of the most densely populated areas of the State, they are the only all-girl team. Anyone interested in starting an Avian Bowl in his or her state, and may need ideas or advice, should contact Francine A. Bradley, Area Poultry Farm Advisor/Northern California, Avian Sciences, University of California, Davis, 95616, 916/752-6316.

1890 Land-Grant
Institutions

Agriculture/poultry personnel at Land-Grant Institutions will be included in the next and subsequent updates of the Extension Poultry Specialist Direction. I believe many Extension personnel do not understand the relationship between the 1862 and 1890 institutions, and the potential advantages of cooperating with their agriculture/poultry personnel. Therefore, I am including a portion of the report: 1890 Extension Programs: A Status Report. It was written by Gloria Boyd et al., Cooperative Extension Program, Prairie View A&M University, Prairie View, TX 77445, and dated January 1983. For more information, contact Mr. H. Carden, Administrative Head, at Prairie View A&M University.

a) History

The Cooperative Extension Programs at the 16 historically black land-grant institutions and Tuskegee Institute are conducted in cooperation with respective 1862 counterparts to provide an effective network of educational programs to help people help themselves.

In 1971, Congress earmarked a portion of Smith-Lever 3(d) funds for Extension work at 1890 Land-Grant Institutions and Tuskegee Institute. After the passage of the Food and Agriculture Act of 1977, the 1890 Land-Grant Institutions and Tuskegee received separate funding authority for Extension programs. The Act provided that not less than 4 percent of Extension funds under the Smith-Lever Act of May 8, 1914, would be appropriated for Extension work at 1890 Land-Grant Institutions and Tuskegee Institute. Congress, in 1981, amended the Act of 1977 to provide for not less than 6 percent of Smith-Lever funds for Extension programming.

b) Mission

The mission of the Cooperative Extension Programs at 1890 Land-Grant Institutions and Tuskegee Institute includes efforts to aid in improving the quality of life of families with limited resources, but not at the exclusion of other income groups who need and seek these services. The 1890 Extension Programs have demonstrated effectiveness in working with limited-income clientele groups in the four major program areas--agriculture and natural resources, home economics, community development, and 4-H and youth. The program is intended to be non-duplicative, and complementary to the 1862 counterparts.

c) Programs

The program is effective across ethnic groups, and is very dependent upon paraprofessionals. Over 95% of funding is from the Federal Government. There are many areas where greater cooperation between these institutions would be beneficial to everyone (i.e. biosecurity, small flock/game birds/rabbit management, and 4-H). This information is intended to encourage cooperative efforts.



Richard D. Reynnells
14th & Independence Ave., S.W.
Room 3334-South Building
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