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UNIVERSITY OF NEBRASKA COLLEGE OF
AGRICULTURE AND HOME ECONOMICS
THE AGRICULTURAL EXPERIMENT STATION

E. F. FROLIK, DEAN
H. W. OTTOSON, DIRECTOR

Agricultural Experiment Station



Vol. 2, No. 12, June 1970

FROM THE DIRECTOR'S OFFICE

Postscript on Relevance: Lionel Harris very appropriately reminded me after the last issue of the news that the Nebraska Station has long been carrying on other work on pollution control in addition to the types I mentioned. He referred to our work on terracing, stubble mulch farming, and other soil erosion control practices which of course reduce the movement of soil materials into streams. Good point, Lionel!

Vacations are important. Of course we are entitled to them as part of the returns from our work. But, more important, they can give one renewed energy, broadened perspectives, and inspiration, all of which contribute to the quality and drive which we bring to our work after taking them.

A thought for summer: Envy not thy neighbor, for yon green verdure on his side of the fence meaneth but that his crabgrass flourisheth healthier than thine.

Howard W. Ottoson

COLLEGE OF HOME ECONOMICS

Action by the Board of Regents on April 22, 1970, established Home Economics as an individual College, effective July 1. The present College of Agriculture and Home Economics will operate as two Colleges; College of Agriculture and College of Home Economics. At a subsequent meeting of the Board of Regents, Dr. Virginia Y. Trotter was named Dean of the new College of Home Economics and Dr. Hazel Anthony was appointed as Associate Dean.

In addition to being Dean of the College of Home Economics, Dr. Trotter will also hold appointments as Associate Director of the Agricultural Experiment Station and as Associate Director of the Agricultural Extension Service. In the latter two capacities she will be involved in the administration of home economics programs in these two Divisions. Home Economics staff members who carry research and/or extension appointments will have joint appointments in the Colleges of Agriculture and Home Economics. In some instances there will be courtesy appointments to indicate cooperative work between Agriculture and Home Economics. The organizational plan for the two Colleges is designed to give independent status to each College but to allow for continued cooperation which will compliment and supplement the ongoing programs.

Virginia Y. Trotter

PERSONNEL ACTIONS

Ahlschwede, W. T. - Assistant Professor of Animal Science (Swine Ext. and Res.) - July 1
Campbell, J. B. - Assistant Professor of Entomology, N. Platte Stat. (Ext. and Res.) - July 1
Drew, J. V. - (Agronomy) - Assistant Dean of Graduate College
Edwards, D. M. - (Agricultural Engineering) - Assistant Dean, College of Eng'g and Arch.

Gingles, Ruby - (Human Development and the Family) - Leave of absence, 1970-71
Koopman, C. H. - Business and Finance Officer - College of Agriculture - August 1
Lucas, L. E. - To Colombia Program - two years
Nibler, C. W. - (Animal Science) - Retirement - July 1

Noyes, C. C. - From Assistant to Acting Associate Dean and Director, International Programs
O'Keefe, R. B. - Acting Chairman, Horticulture and Forestry - June 10
Spilker, W. E. - (Finance Officer) - Retirement - August 1
Young, J. O. - To Colombian Program - two years

GRANTS AND CONTRACTS

Burnside, O. C. - Agronomy - Shell Chemical Company	\$ 500.00
Colville, W. - Agronomy - Chemagro Corporation	1,500.00
Morris, R. M. - Agronomy - USDA CSRS	35,000.00
Olson, R. A. - Agronomy - Deere and Company	9,000.00
Olson, R. A. - Agronomy - USDI WRS	47,297.00
Peo, E. R., Jr. and Lucas, L. - Animal Science - Waldo Farms	500.00
Robison, L. - Agronomy - Eli Lilly and Company	500.00
Twiehaus, M. J. - Veterinary Science - Waldo Farms	500.00
White, R. G. - Veterinary Science (North Platte) - Chemagro Corporation	500.00
Woods, W. - Animal Science - Eli Lilly and Company	7,000.00
Woods, W. - Animal Science - Moorman Manufacturing Company	20,000.00
Woods, W. - Animal Science - Various Donors	21,583.33

GENERAL NOTES

1. There will be a recognition reception for Walt Spilker (retiring August 1) on July 24, 3:00 to 4:30 in the Hall of Agricultural Achievement in the C Y Thompson Library. Everyone is invited. Donations may be sent to Mrs. Helen Earl, 210 Agricultural Hall.
2. Coming Station Events:
July 30 - Tractor Power and Safety Day
August 20 - Field Day - Scotts Bluff Station
September 16 - Field Day - Northeast Station
September 17-18 - Superintendents and District Directors Meeting
November 4-6 - Experiment Station - Extension Workers Conference
3. The High Plains Agricultural Laboratory at Sidney was the site of a very successful Field Day June 19. The extensive crops research areas were in excellent shape. Also, most impressive was the tidy appearance of the operations buildings and areas.
4. The College is losing the direct services of four of its very able staff members: Drs. Drew and Edwards to administrative positions elsewhere in the University; and Professors Nebler and Spilker are retiring following long and effective service in the College. We wish for them good health and much happiness in their new roles.
5. The presence of a student in the Deans office used to suggest that the student was in trouble. Now it means that the Dean is in trouble.

R. W. Kleis

AGRICULTURAL EXPERIMENT STATION PUBLICATIONS - June 1970

2910. Enzymatic Assay of Digestibilities of Agricultural Wastes and their Improvement through Processing. Jack Guggolz, R. M. Saunders, G. O. Kohler and T. J. Klopfenstein. Journal of Animal Science.
2911. Composition and Improvement of Grass Straw for Ruminant Nutrition. Jack Guggolz, G. O. Kohler and T. J. Klopfenstein. Journal of Animal Science.
2912. Simulated and Experimental Performance of Temperature Control Systems for Chilled High Moisture Grain Storage. T. L. Thompson, L. G. Villa and O. E. Cross. ASAE Transactions.
2913. Thermogenic Properties and Nutrient Retention of Corn at Different Moisture Levels During Storage. O. E. Cross and T. L. Thompson. Transactions of ASAE.
2914. Methods of Removing Settleable Solids from Outdoor Beef Cattle Feedlot Runoff. C. B. Gilbertson, T. M. McCalla, J. R. Ellis, W. R. Woods, ASAE Paper.
2915. The Influence of Dietary and Environmental Factors upon Feed Consumption and Production Responses in Laying Chickens. Earl W. Gleaves and Satyavan Dewan. Poultry Science.
2916. Influence of Methionine, Lysine and Tryptophan upon Food Intake and Production Responses in Laying Chickens. Earl W. Gleaves and Satyavan Dewan. Poultry Science.
2917. Quantifying the Genetic Effects on the Anatomy of the Streak Canal. R. D. Appleman. Proceedings, VIth International Conference on Cattle Diseases.
-)18. Use of Caissons in Measuring Chemical and Biological Conditions Beneath a Beef Feedlot. L. F. Elliott, T. M. McCalla, N. P. Swanson and F. G. Viets, Jr. American Society of Agricultural Engineers Transaction.
2919. Ligand Exchange Amino Acid Analysis: Resolution of some Amino Sugars and Cysteine Derivatives. Fred W. Wagner and Sara L. Shepherd. Analytical Biochemistry.
- 2920a. Peroxidase Isozymes in Resistant and Susceptible Reactions of Wheat Stem Rust Controlled at the Sr6 Locus. J. M. Daly. Presented at the Meeting of the American Phytopath Society in October, 1970.
- 2921a. Certain Biochemical Comparisons in Wheat Stem Rust Disease Reactions Controlled Either at the Sr6 or Sr11 Loci. J. M. Daly. Presented at the Meeting of the American Phytopath Society in October, 1970.
2923. The Specificity of Transmission of Cowpea Mosaic Virus by Beetle Species in the Subfamily Galerucinae, Family Chrysomelidae. William P. Jansen and Robert Staples. Journal of Economic Entomology.
2924. Age and Weight at Puberty in Hereford Heifers. G. F. Arije and J. N. Wiltbank. Journal of Animal Science.

a = abstract

BULLETINS PRINTED

- SB 508 The Effect of Animal Density and Surface Slope on Characteristics on Runoff, Solid Wastes and Nitrate Movement on Unpaved Beef Feedlots. C. B. Gilbertson, T. M. McCalla, J. R. Ellis, O. E. Cross and W. R. Woods.
- RB 237 Wheat and Feed Grains in the Great Plains and Northwest: Study Area Descriptions and State Statistical Summaries. W. F. Lagrone, R. E. Hatch and G. A. Helmers.