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## Agricultural Experiment Station News October 1970

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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. 3, No. 4, October 1970

## FROM THE DIRECTOR'S OFFICE

Have you wondered how tasks are divided among the administrative staff in the Experiment Station office? The following is intended to satisfy this question:

As Associate Director, Robert Kleis carries a general responsibility with respect to various aspects of Station operations, and acts automatically for the Director in his absence. In addition, he serves as general coordinator with the regional stations, concerns himself with facilities planning and development, and with scientific equipment. He handles research grants, contracts and agreements, as well as the RRF funds. Finally, he serves as Newsletter Editor.

Virginia Trotter, in addition to being Dean of Home Economics, also carries the title of Associate Director in the Station; as such conducts research project reviews, plans research, is involved in personnel, finance, and budgetary matters in the Home Economics part of the Station.

Warren Sahs, Assistant Director, has specific responsibilities concerning field operations at various locations, including land use, operations personnel, production equipment, and revolving accounts. In addition, he is Supervisor of the University Field Laboratory, coordinating with the various departments operating there as well as being in charge of unassigned land and facilities.

The Experiment Station also has a share in the College Finance and Personnel offices. Charles Koopman is Finance Officer. He works with departments and stations in the many facets of budgets and finance. In parallel fashion, Phil Sutton is Personnel Officer, serving us all with respect to personnel matters.

In addition to carrying the general responsibility for the Experiment Station, I am involved in general finance, budgeting, research programs, departmental coordination and personnel matters. I am very grateful for my effective colleagues.

Howard W. Ottoson

## 1970-71 ENROLLMENTS

Fall enrollment for undergraduates in the College of Agriculture is 1,409. This is 42 more than the 1,367 we had last fall. The increase is slightly below the increase of undergraduates in the total University. Figures on graduate enrollment are not yet available, but it would look like we have a slight increase. Ag Colleges across the nation are down somewhat this year. Enrollment figures indicate an increase of 22 freshmen over last year, 12 less sophomores, and increases by two seniors and 30 juniors. The 243 students who graduated in 1970 were by far the largest graduating class in history.

The enrollment of the College of Home Economics continues to increase. For first semester, 1970-71, enrollment of the undergraduate students has reached 935. This is a gain of 54 over last year or a 6% increase. Of the total number enrolled, 11 are men and 924 are women.

## PERSONNEL ACTIONS

Bolsen, Keith K. — Instructor in Animal Science  
Bringelson, Richard A. — Instructor in Agricultural Education  
Daharsh, Michael G. — Instructor in Veterinary Science  
Dunkle, Larry D. — Postdoctoral Fellow in Plant Pathology

Hastert, F. C. (Chick) — Facilities Manager of Field Laboratory (title change)  
Holder, David P. — Instructor in Poultry Science  
Manage, Lata D. — Postdoctoral Fellow in Biochemistry and Nutrition  
Mosher, Peter N. — Postdoctoral Fellow in Agronomy

Kmock, James W. — Instructor in Veterinary Science — Resignation  
Peterson, Donald — Instructor in Agricultural Economics  
Wadell, Marvin G. — Instructor in Agricultural Education  
White, Raymond G. — Assistant Prof. of Vet. Sc. — N. Platte, leave October to January

## GRANTS AND CONTRACTS

Anderson, D. G.—Agricultural Economics—Neb. Dept. of Agriculture	\$ 3,000.00
Clanton, D. C.—Animal Sc., N. Platte—Neb. Alfalfa Dehy. Assoc.	3,500.00
Colville, W. L.—Agronomy—Hail Insurance Association	3,500.00
Colville, W. L.—Agronomy—Crop Insurance Res. Bureau	500.00
Eastin, J. D.—Agronomy—DeKalb Foundation	5,000.00
Harris, L.—Scotts Bluff Station—Great Western Sugar Co.	4,500.00
Munson, J. D.—Entomology—Chemagro Corporation	750.00
O'Keefe, R. B.—Horticulture and Forestry—Neb. Dept. of Ag.	2,000.00
Semancik, J. S.—Plant Pathology—Nebr. Dept. of Ag.	2,000.00
Semancik, J. S.—Plant Pathology—USDHEW, NIH	24,511.00
Twiehaus, M. J.—Veterinary Science—Dellen Incorporated	1,000.00
Wicks, G. A.—Agronomy, N. Platte—Great Western Sugar Co.	1,500.00
Woods, W. R.—Animal Science—Fairmont Foods Co.	6,000.00

## GENERAL NOTES

1. Outstate staff—we urge you to **VOTE** on November 3 before departing for Lincoln for the Extension-Experiment Station Workers Conference starting November 4.
2. We hope you are planning to attend the Conference:  
November 4—Primarily Extension  
November 5—Extension and Experiment Station  
November 6—Primarily Experiment Station
3. Major areas of the Field Laboratory will be open for hunting starting November 7.
4. Two rather major contracts have been let to Ernest/Spenser Engineering Company of Topeka for developments at the Field Laboratory:  
Foundation Seed processing and storage—\$50,800.00; Feed Mill—\$42,800.00
5. The University Research Administration office has prepared a revised Budget and Data form to be used for grants and contracts. Your departmental office has them and instructions for completing them. They must be forwarded through your Superintendent and/or Chairman for his approval before coming to this office.
6. In order to be perfectly content it is necessary to have a poor memory and no imagination.

R. W. Kleis

## AGRICULTURAL EXPERIMENT STATION PUBLICATIONS – October 1970

- 2967a. Dissipation and Leaching of Dicamba, Picloram, and 2,3,6-TBA Across Nebraska. O. C. Burnside, G. A. Wicks and C. R. Fenster. 1971 Weed Science Society of America.
- 2968a. Some Effects of Mowing on Seed Production of Musk Thistle. John Hatting and M. K. McCarty. North Central Weed Control Conference Research Report.
- 2969a. Natural Suppression of Certain Nebraska Thistle Populations. M. K. McCarty and L. A. Morrow. North Central Weed Control Conference.
- 2970a. The Production of Viable Seed by Musk Thistle Plants Following Herbicide Treatments. John Hatting and M. K. McCarty. North Central Weed Control Conference Research Report.
- 2971a. Herbicide Effects on Five Perennial Forage Grasses. L. A. Morrow and M. K. McCarty. North Central Weed Control Conference Research Report.
- 2972a. Effect of Several Herbicides on Green Sagewort in the Nebraska Sandhills. L. A. Morrow and M. K. McCarty. North Central Weed Control Conference.
- 2973a. Trypsin Inhibitor Activity of Subunits from 11S Soybean Protein. Robert L. Anderson and Robert M. Hill. Presented at 1970 Midwest Regional Meeting of American Chemical Society.
- 2974a. Dissipation of Some Soil-applied Soybean Herbicides. O. C. Burnside. 1970 North Central Weed Control Conference Research Report.
- 2975a. Detoxification of Atrazine and 2,4-D in Two Soil Profiles in the Field. T. L. Lavy, F. W. Roeth and C. R. Fenster. Weed Science Society Meeting at Dallas.
2976. Reconstitution of Biologically Active Ribosomes From Fungal Spore Ribosomal Subunits. Dr. James L. Van Etten. Journal of Biochimica et Biophysica Acta.
2977. Embryonic and Postparturient Reproductive-System Development in *Schizaphis graminum* (Rondani). Christian Y. Oseto and T. J. Helms. Annals, Entomological Society of America.
2978. (Book Review) Pathogenic Root-Infecting Fungi. T. M. McCalla. Soil Science Society of America Proceedings.
2979. Analyses of Two Enzyme Proteins in Some Genotypes of Corn (*Zea mays* L.) N. K. Chatterjee and C. O. Gardner. Crop Science.
- 2980a. Response of an Eastern Nebraska Pasture to 20 Years of Weed Control and Grazing Management Practices. M. K. McCarty and L. A. Morrow. Weed Science of America Meeting.
2981. The Influence of Video-Taping Techniques on Student-Teacher Behavior in the Classroom. Roy D. Dillon and Roland L. Peterson. Audio-Visual Communication Review.
- 2982a. Selective Control of Weeds in Soybeans with Herbicides. O. C. Burnside. 1970 North Central Weed Control Conference Research Report.
- 2983a. Preplant, Preemergence and Postemergence Herbicides for Corn. O. C. Burnside. 1970 North Central Weed Control Conference Research Report.

- 2984a. Tolerance of Selected Sorghum Hybrids and Inbred Lines of Atrazine. O. C. Burnside. 1970 North Central Weed Control Conference Research Report.
- 2985a. Protecting Corn from EPTC Injury by Seed Treatment. O. C. Burnside. 1970 North Central Weed Control Conference Research Report.
2986. Inter-Genotypic Competition in Soybeans. III. An Evaluation of Stability in Multiline Mixtures. Wilfred M. Schutz and Charles A. Brim. Crop Science.
- 2987a. Protection of Corn From EPTC Injury by Seed Treatment. G. A. Wicks, O. C. Burnside and C. R. Fenster. 1971 Weed Science Society of America.
2988. Nitrogen and Sulfur Nutrition of Sweet Corn in Relation to Fertilization and Water Composition. L. A. Daigger and R. L. Fox. Agronomy Journal.
2989. Anthelmintic Activity of 1-tetramisole Against Experimental *Metastrongylus spp.* Infection in Swine. Conald L. Ferguson. Cornell Veterinarian.
2990. Theoretical Gains for Different Population Improvement Procedures. L. T. Empig, C. O. Gardner and W. A. Compton. Crop Science.
- 2991a. Evaluation of the Protein Value of Cereal/Plant/or/Seed Products by Human Biological Assay Technique. Constance Kies. Proceeding American Chemical Society Annual Meeting, Spring, 1971.
- 2992a. Grain Sorghum Yields as Affected by Different Herbicide Band Widths and Mechanical Weed Control. R. S. Moomaw and Laren R. Robison. North Central Weed Control Conference.
2993. Low Dose Gamma Irradiation of Bovine Metmyoglobin. L. D. Satterlee, Mari S. Wilhelm and H. M. Barnhart. Journal of Food Science.
2994. Dissipation of Dicamba, Picloram, and 2,3,6-TBA Across Nebraska. O. C. Burnside, G. A. Wicks and C. R. Fenster. Weed Science.
2995. Effect of Cupric Sulfate on the Prophylactic Efficacy of Three Arsonic Acid Compounds Against Histomoniasis in Young Turkeys. T. E. Bowen, T. W. Sullivan and O. D. Grace. Poultry Science.
- 2996a. Preemergence and Postemergence Herbicides for Sorghum. O. C. Burnside. 1970 North Central Weed Control Conference Research Report.
2997. Techniques for Measuring Plant Drought Stress. Charles Y. Sullivan. American Agronomy Society Special Publication.

a = abstract

**BULLETIN PRINTED**

OTC 137 Nebraska Varietal Tests of Fall-Sown Small Grains 1970. A. F. Dreier, J. W. Schmidt, P. H. Grabouski and L. A. Daigger.