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## Agricultural Experiment Station News July 1968

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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

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Vol. 1, No. 1, July 1968

## FROM THE DIRECTORS OFFICE

For some time we have felt the need for some routine channel of communication with members of the experiment station staff. The AGRICULTURAL EXPERIMENT STATION NEWS, of which this is the inaugural edition, is intended to meet this need. We plan to issue it monthly, with additional issues as needed. Hopefully this newsletter can serve as mechanism for the exchange of news between members of the various departments, and between the departments and the regional stations. We can pass along such items as personnel changes, staff publications, new grants and contracts, new projects, other staff achievements, facility developments, and anything else of interest. We will plan to feature a department or a station occasionally. The newsletter will also note happenings of interest from other state experiment stations or the USDA.

Your comments and suggestions will be welcomed. We will be glad to have news items which you think would be of general interest. Please send them to Dr. R. W. Kleis, Editor.

Howard W. Ottoson

## FACILITIES PROGRESS

Seed Laboratory - nearly completed  
Animal Science (Baker Hall) nearly completed  
Crops Lab Renovation - well along  
Agricultural Economics Renovation - in design  
Agricultural Engineering Renovation - well along  
Dairy barn - Mead - nearly completed  
Swine feeding building - Mead - nearly completed  
Swine farrowing - Mead - nearly completed  
Feed Center - Mead - 4 silos & truck scales completed  
Diagnostic Lab - North Platte - in construction  
Office building - North Platte - in construction  
Swine research buildings - Northeast - in construction  
Swine research service unit - Northeast - in construction  
Child Development Lab - in design  
Horticulture storage building - Mead - complete  
Dairy sheds - Mead - nearly complete  
Beef Physiology barn - Mead - complete  
Rogers farm residence renovation - in design  
Rogers farm - 2 turkey buildings - complete  
Land Developments recently completed or in progress:  
North Platte - terracing & stock ponds  
Scottsbluff - extensive bench terracing  
Northeast - Steep backslope parallel terraces  
Northwest - Irrigation well & benching  
Field Lab - Leveling & automatic irrigation

## PERSONNEL ACTIONS

Dr. Wilfred M. Schutz - New Chairman of Statistical Lab.  
Dr. William E. Splinter - New Chairman of Agricultural Engineering Department.  
Dr. Fred Wagner - New Assistant Professor, Biochemistry and Nutrition.  
Mr. Stanley Matzke, Jr. - New Assistant Director of Resident Instruction.  
Dr. William E. Colwell - New Dean of Foreign Programs.  
Mr. Paul Ehlers - Resigned, Manager, Northwest Agricultural Laboratory.  
Dr. Norman R. Malm - New Associate Professor, Agronomy, Scottsbluff Station.

## NEW GRANTS, CONTRACTS, AND COOPERATIVE AGREEMENTS

Weeks, G. A. - Agronomy, North Platte---CIBA Agrochemical Co.	\$ 200.00
Burnside, O. C. - Agronomy---CIBA Agrochemical Co.	500.00
Colville, W. L. - Agronomy---Hail Insurance Adjustment & Res. Assoc.	3,000.00
Rosenberg, N. J. - Horticulture & Forestry---U.S. Dept. of Commerce, ESSA	10,000.00
Ottoson, H. W. - Agricultural Experiment Station--- The Rockefeller Foundation	112,519.00
Lagrone, W. F.; Johnson, R.; and Delvo, H. --- Agricultural Economics---U.S.D.A.	7,500.00

## GENERAL NOTES

1. Many of you know, but others may not, that the dairy herds are being consolidated into one major research unit and program at the Field Laboratory. The North Platte herd is currently in the process of moving. The Scottsbluff herd move will start in the Spring of 1969.
2. There has been some interest in the University or some other unit taking over and preserving the identity of the dairy herd at the Norfolk State Hospital. They are phasing out of agricultural operations. In view of our dairy program consolidation and other factors the Governor has ruled that the Norfolk dispersal sale will be held as advertised, August 20.
3. The annual Experiment Station Workers Conference is scheduled for November 20 and 21 in Lincoln. It will be held concurrently and partially combined with the Extension Workers Conference this and alternate years. Dr. J. O. Young is chairman of the committee for the Experiment Station.
4. The annual Field Day of the Scottsbluff Station is scheduled for August 15 with a fine program planned.
5. The North Platte Station Field Day is being planned for September 17.
6. The Northwest Agricultural Laboratory is developing well as an irrigated agriculture research unit of the Panhandle complex operated out of the Scottsbluff Station. A committee chaired by Larry Axthelm developed a comprehensive plan for this and are proceeding to implement it in several stages.
7. The 17th Annual Tractor Power and Safety Day held July 25 at the Field Laboratory again proved to be a major event for the College. Attendance was approximately 13,000.
8. We hope you will find this newsletter informative and interesting and that it may help implement coordination and unification of the Station Program for Nebraska. Perhaps you will want to start a file or loose-leaf book for assembling a complete set.

R. W. Kleis

AGRICULTURAL EXPERIMENT STATION PUBLICATIONS - JULY 1968

Station Bulletins

SB 499 Nebraska's Specific Pathogen Free (SPF) Swine Program-Tenth Year Report

Research Bulletins

RB 196 Improvement of Beef Cattle Through Breeding Methods. Larry V. Cundiff and Keith E. Gregory.

Journal Articles Approved for Publication

- 2398a. Utilizing Automation in Rearing Baby Pigs. David M. Danielson. American Society of Animal Science.
- 2399a. Divergent Mass Selection in Corn (*Zea Mays* L.) for Seed Size. C. H. Padgett, W. A. Compton, and J. H. Lonquist. Agronomy Abstracts.
- 2400 Phytotoxicity and Soil Movement of ~~Amiben~~ Formulations. J. J. Linscott, O. C. Burnside and T. L. Lavy. Journal of Weed Science.
2401. Atrazine Degradation in Two Soil Profiles. F. W. Roeth, T. L. Lavy and O. C. Burnside. Weed Science.
2402. Sweetclover Weevil Feeding Deterrent B: Isolation and Identification. W. R. Akeson, F. A. Haskins and H. J. Gorz. Science.
2403. Simulation for Optimal Grain-Dryer Design. T. L. Thompson. American Society of Agricultural Engineers Journal.
- 2404a. Relative Yields of Some Improved Varieties of Perennial Warm-season Grasses Under Grazing. E. C. Conard, W. W. Woods and L. C. Newell. Agronomy Abstracts.
2405. Penicillium Urticae Bainier Inhibition of Trichoderma sp. in Soil. Fred A. Norstadt and T. M. McCalla. Science.

a - denotes abstract