9-1982

Agricultural Experiment Station News September 1982

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FROM THE DIRECTOR’S DESK

The AES Director’s office recently received a memorandum from W. I. Thomas, Administrator of USDA-CSRS in Washington, D.C.

On June 11, 1982, the U.S. Department of Agriculture published final regulations in the Federal Register, Vol. 47, No. 113, prohibiting discrimination on the basis of handicap in USDA programs and activities. This rule is necessary to implement Section 504 of the Rehabilitation Act of 1973 as amended and Executive Order 12250 of November 2, 1980, Leadership and Coordination of Nondiscrimination Laws.

Section 504 of the Rehabilitation Act is designed to assure that those who receive federal assistance will not discriminate against handicapped persons. It provides in relevant part as follows:

"No otherwise qualified handicapped individual in the United States...shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance."

For further information, we have a copy of the Federal Register in the Ag. Experiment Station Director’s office.

R.W. Kleis
Acting Dean & Director

PROTECTION OF HUMAN SUBJECTS

The University of Nebraska has provided a formal guarantee to the Department of Health and Human Services (DHHS) that it will follow procedures which will assure the protection of all human subjects involved in research projects. This guarantee applies to research conducted by anyone on the premises of the University of Nebraska and to research conducted elsewhere by faculty, students, staff or other representatives of the University.

To comply with this assurance, the University of Nebraska has established an institutional committee competent to review research projects that involve human subjects. This committee has been designated as the Institutional Review Board (IRB).

If you have a research proposal that involves human subjects, it must be approved by the IRB prior to implementation. If you have questions or need information on the procedure, contact John Woodward who is a member of the IRB.

John C. Woodward
Assistant Director

EXPERIMENT STATION SEMINAR

The Experiment Station Advisory Council has arranged a special seminar featuring Dr. Nelson R. Otto, President of Anticipatory Sciences, Inc., Minneapolis, Minnesota. Dr. Otto is an adjunct faculty member of the University of Minnesota and has served in an advisory capacity to the Rehabilitation Institute of Chicago (Northwestern University), the University of Cincinnati, the University of Michigan Research Institute, and Michigan State University, among others. Dr. Otto researches the future and is a well-known management futures consultant.

Topic of the seminar on November 11 (4 p.m. in the East Union) will be “Impact of Future Agricultural Technologies on Rural Lifestyles.” All IANR staff are invited.

Dale Anderson, Chairman
Ag. Experiment Station Advisory Council

PROGRESS AT THE GUDMUNDSEN SANDHILLS RESEARCH CENTER

The Center is now in its second year of operation. During the first year most of the emphasis was placed on developing facilities for research purposes and getting the ranch stocked with cattle. Currently there are 700 cow-calf pairs and 90 bred yearling heifers on the ranch. There are also 35 bulls which are used for the breeding program. At this time this is considered fully stocked, however, with further development and new information from research it is possible that the ranch could handle more livestock. This summer about 2,000 tons of meadow hay were harvested. All in all, this has been a good year for ranching in that area.

Considerable industry support and the University of Nebraska Foundation all have been helpful in contributing funds to acquire needed facilities. A calving shed was completed before calving last spring and currently further development in the shed is being made for
handling cattle for experimental purposes. In the first year about 10 miles of new fence were built with 7 new wells and windmills. These were badly needed to distribute cattle through pastures and provide a pasture facility for some research currently in progress. A winter supplementation area is currently being laid out and hopefully 7 miles of fence and new wells and windmills will be installed this fall.

Meadow management work has begun. This work is considered high priority on our research needs. Winter supplementation work has been initiated. This summer a fly control management study is in progress, also a study to evaluate the effect of worming calves on summer pasture. Last spring a study on the association of pelvic size with calving difficulty was conducted. These are rather practical and applied type of experiments but are addressing problems that need answers for the Sandhills rancher.

D.C. Clanton
North Platte Station

25TH ANNIVERSARY AND FIELD DAY— NORTHEAST STATION

Over 800 people attended the 25th Anniversary and Field Day at the Northeast Station at Concord on August 24.

Residents of northeast Nebraska were given research tours on a variety of topics ranging from swine nursery energy management to corn production to insecticide research to feed additives and implants for steers.

Ceremonies recognizing the 25th anniversary of the station honored members and officers of the Northeast Nebraska Experimental Farm Association, University administration and faculty and members of the C. D. Haskell family, donors of the station land.

Terry Meisenbach
Agricultural Communications

SAHS SEZ

The second annual Alternate Cropping Systems (Organic Agriculture) Field Day and Farm Tour was held at the Northeast Experiment Station and three farm stops were well attended by 185 people, a 23% increase over last year.

Warren W. Sahs
Assistant Director

GRANTS AND CONTRACTS

Burnside, O. C. (Agronomy) - Rohm and Haas Company
Calkins, C. R. (Animal Science) - Nebraska Pork Producers Association
Campbell, J. B. (North Platte Station) - John S. Evans
Chesnin, L. (Agronomy) - Anonymous
Clanton, D. C. (North Platte Station) - Eli Lilly and Company
Compton, W. A. (Agronomy) - Fontanelle Hybrid Seed Company
Compton, W. A. (Agronomy) - Pioneer Hi-Bred Seed Company
Fischbach, P. E. (Ag Engineering) - Sandia National Laboratories
Flowerday, A. D. (Agronomy) - Grain Processing Corporation
Gold, R. E. (Environmental Programs) - Merck & Company, Inc.
Lindgren, D. T. (North Platte Station) - Midwest Region, American Penstemon Society
Mandigo, R. W. (Animal Science) - Nebraska Pork Producers
Mandigo, R. W. (Animal Science) - UN Foundation
Moonaw, R. (Northeast Station) - Rohm and Haas Company
Morriss, M. R. (Agronomy) - USDA/SEA
O'Keeffe, R. B. (Panhandle Station) - Valley Plant Growers
Partridge, J. E. (Plant Pathology) - Rohm and Haas Company
Partridge, J. E. (Plant Pathology) - Rockefeller Foundation
Roeth, F. W. (South Central Station) - Rhone-Poulenc, Inc.
Satterlee, L. D. (Food Science & Technology) - Food Science & Nutrition Sec., Ministry of Ag. & Water Regional Ag. & Water Resources Center
Schmidt, J. W. (Agronomy) - Rohm and Haas Company
Specht, J. E. (Agronomy) - Union Pacific Foundation
Sullivan, C. Y. (Agronomy) - USDA/ARS
Waller, S. S. (Agronomy) - Tri-Basin Natural Resources District
Waller, S. S. (Agronomy) - Middle Republican Natural Resources District
Watkins, J. E. (Plant Pathology) - Rohm and Haas Company
Wilson, R. G. (Panhandle Station) - Rohm and Haas Company

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<thead>
<tr>
<th>Day and Date</th>
<th>Time</th>
<th>Event and Place</th>
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<tbody>
<tr>
<td>Tuesday-Thursday September 14-16</td>
<td>all day</td>
<td>Husker Harvest Days - Grand Island, Nebraska</td>
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<td>Friday, September 17</td>
<td>1:30-6:30</td>
<td>Beef Research Field Day at University Field Laboratory, Mead, Nebraska.</td>
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<tr>
<td>Saturday-Sunday September 25-26</td>
<td>all day</td>
<td>Forestry Field Days - Horning Farm, 2 miles south of Plattsmouth, Nebraska</td>
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<td>Wednesday, September 29</td>
<td>1:30 and at 5:30</td>
<td>No-Till Fall Field Day at the Legion Hall at Tobias, Nebraska</td>
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<tr>
<td>Friday, October 1</td>
<td>2:00 p.m.</td>
<td>Dedication Ceremonies of the Thomas H. Goodding Learning Center - three Teaching Laboratories in Room #199, Plant Science - UNL, East Campus.</td>
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Journal Articles - Submitted for Publication (contact authors for more information)


6975. Improved Weed Control with a Subsurface Jet Injection System for Herbicides. J. B. Solie, H. D. Wittmuss and O. C. Burnside. Transactions of the ASAE.


Abstracts - Submitted for Publication (contact authors for more information)


