Agricultural Experiment Station News February 1977

Follow this and additional works at: http://digitalcommons.unl.edu/ardnews

Part of the Agriculture Commons

http://digitalcommons.unl.edu/ardnews/234

This Article is brought to you for free and open access by the Agricultural Research Division of IANR at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Agricultural Research Division News & Annual Reports by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.
WATER RESEARCH: It's no secret that Nebraska has suffered through a period of extreme drought for the past three years. This drought has emphasized anew the continuous need for research on water related agricultural problems.

Although not generally recognized by those outside the state, Nebraska is rich in water resources. Much of the groundwater reserve in the Central Great Plains lies under Nebraska. Nevertheless, Nebraska does have considerable numbers of agriculturally related water problems. These stem largely from the fact that our agricultural economy places great demands on our water supplies. Also, much of our water is in the ground and significant amounts of energy are required to make it useful to us. Furthermore, our water supplies are poorly distributed, geographically, through out the state.

The Nebraska Agricultural Experiment Station has had a long commitment to water related agricultural research, and water related research is a major component of the Station's activities at this time. In mid 1975, to improve coordination of the entire IANR research effort in water, and to sharpen the Station's focus on water problems, it was decided to formalize the tie between the Water Resources Center and the Experiment Station. This was done by giving the Director of the Water Resources Center the title and responsibility of Assistant Director of the Experiment Station for the water related programs.

The 1975 Inventory of Agricultural Research (Volume II), shows 25 Nebraska AES projects in the categories of water and watersheds, for a combined expenditure of 794,000 dollars. Most of these projects are continuing and their support level has increased. Additional support for these efforts is obtained from a variety of other agencies. For example, almost 300,000 dollars were pumped into this effort in FY 1977 by the Nebraska Water Resources Center on 13 projects directly supportive of the Station's research programs.

A major thrust in these projects is to find better ways of utilizing water in agriculture: to provide higher yields from the same amount of water, or to optimize yields with a limited water supply. Areas of concern include improved irrigation technology, improved water conservation practices, the economics of irrigated agriculture, improved technology for the use of agricultural chemicals, the development of plant species which utilize water more effectively, and minimization of water pollution and water consumption in food processing.

We are confident that the Station's research efforts will continue to provide useful and timely answers to tomorrow's agricultural water problems.

M. W. Hall
Assistant Director
PERSONNEL ACTIONS

Fulton, William - Asst. Professor, Animal Science - Resignation
Goodrich, Richard D. - Visiting Professor, Animal Science
Gregory, Keith - Professor (Courtesy), Animal Science & Director, MARC - Resignation
Hanway, Donald - Professor, Agronomy - Leave of Absence
Teague, Howard S. - Professor (Courtesy), Animal Science, MARC - Resignation
Wilke, Willard Lee - Asst. Professor, Veterinary Science - Appointment
Young, Melvin D. - Instructor, Animal Science (Courtesy), MARC - Resignation

GRANTS AND CONTRACTS

Campbell, J. B. - Entomology (NP Sta) - EM Lab 500
Campbell, J. B. - Entomology (NP Sta) - ICI United States Inc. 1,500
Edling, R., et al - Ag. Engineering (PH Sta) - Lockwood Corporation 6,600
Ferguson, D. L. - Veterinary Science - American Cyanamid Company 6,000
Flowerday, A. D. - Agronomy - National Crop Insurance Assn. 1,500
Grace, O. D. - Veterinary Science - L. C. Payne - UN Foundation 500
Klopfenstein, T. J. - Animal Science - Distillers Feed Research Council 5,000
Moser, L. E. - Agronomy - UN Foundation, Henry Klosterman 500
Moser, L. E. - Agronomy - American Forage & Grassland Council 1,200
Perry, L. J. - Agronomy - UN Foundation, Henry Klosterman 500
Rehm, G. W. & G. W. Bergert - NE Sta. & NP Sta. - Chemical Enterprises 1,000
Rush, T. G. - Animal Science (PH Sta) - CPC International 4,000
Stetson, L. E. - Ag. Engineering - Nebraska Rural Electric Association 2,340
Sullivan, T. W. - Poultry & Wildlife Sciences - Texasgulf 3,000
Sullivan, T. W. - Poultry & Wildlife Sciences - Hooker Chemical Corporation 2,000
Wicks, G. A. - Agronomy (NP Sta) - FMC Corporation 1,000
Wicks, G. A. - Agronomy (NP Sta) - Grower - G. W. Joint Research Committee 4,800
Williams, J. H. & J. E. Specht - Agronomy - Neb Soybean Dev, Util & Mktg Bd 2,000

GENERAL NOTES

1. Experiment Station staff are invited to participate in a grants and contracts seminar March 1, 2:00-4:30 p.m. in Home Economics room 31. Dr. Schmehl, Mr. Mueller and some of your experienced colleagues (Drs. Kendrick, Rosenberg, Vidaver, and Sullivan) will be there to discuss policies, sources, and procurement strategies and management procedures. We believe that this can be helpful to newer staff and to others seeking guidance in obtaining such research support.

2. The Plant Pathology programs were reviewed by an outside team this month. The department is to be commended for the highly complimentary comments of the reviewers in their preliminary oral report to the administration.

3. Current indirect costs for all Agricultural Experiment Station grants and contracts over $2,500 is 51% of salaries and wages.

4. Please do not forget the Agricultural Experiment Station whenever you have occasion to indicate sources of support of your research projects. Salaries, facilities, utilities, etc. are the heavy part of any project support and routinely these are provided by the Station.

5. Charges against this year's appropriated funds must be paid after delivery and before June 30. Any carry-over encumberances will against next year's funds and unused current year funds will be lost. So please plan ahead.

6. "Training means learning the rules; experience means getting wise to the exceptions."

R. W. Kleis
Journal Articles  (contact authors for more information)


Journal Abstracts (contact authors for more information)


BULLETINS PRINTED
