Agricultural Experiment Station News April 1969
A special committee, with Dr. Earl Raun as Chairman, and including Messrs. Haskins, Koch, Schuster, Rosenberg, Vollmar, Holman and Collings, was set up a year ago to examine our policies on Experiment Station Publications. As a result of the recommendations made by the Committee particularly with respect to classification, the Author's Guide, (Station Circular 109) has been revised to provide for:

1. A new series called "Station Abstracts", as distinguished from "Journal Articles". They will be identified in the journal numbered series by the addition of the letter "a".

2. The elimination of the Station Circulars and Special Reports.

Suggestions on the "Author's Guide", classification of publications, or other matters related to publication are welcome at any time.

H. W. Ottoson

AGRICULTURAL POLLUTION RESEARCH

Agricultural pollution is a major concern and the Nebraska Agricultural Experiment Station with cooperating agencies is therefore directing major research effort to it. Problems relate to expanding livestock enterprise, growing use of various chemicals in crop production and increasingly intense use relationships of air, land and water. Even as the problems are numerous and complex, so are our research commitments. The following staff are involved in this broad but coordinated effort focused particularly on livestock operations.

Dr. Baker (40%), Agr'l. Economics
Mr. Gilbertson (ARS-AERD), Agr'l. Eng'g.
Dr. Cross (20%), Agr'l. Eng'g.
Dr. Edwards (20%), Agr'l. Eng'g.
Dr. Wittmuss (20%), Agr'l. Eng'g.
Mr. Swanson (ARS-SWC), Agr'l. Eng'g.
Mr. Lorimor (ARS-SWC), Agr'l. Eng'g.
Mr. Mielke (ARS-SWC), Agr'l. Eng'g.
Dr. McCalla (ARS-SWC), Agronomy
Mr. Ellis (ARS-SWC), Agronomy
Dr. Elliott (ARS-SWC), Agronomy
Mr. Schuman (ARS-SWC), Agronomy
Dr. Chesnin (25%), Agronomy
Dr. Mazurak (5%), Agronomy
Dr. Drew (10%), Agronomy
Mr. Olson (20%), Agronomy
Mr. Maddux (50%), Agronomy
Mr. Lewis (30%), Agronomy
Dr. Lavy (80%), Agronomy
Dr. Hartung (5%), Poultry Sci.

- Economic impacts of pollution control
- System design for feedlot waste handling
- Poultry waste handling systems
- Precipitation of pollutants from water
- Runoff control practices and designs
+ Characterizing problems of water
+ Pollution of feedlot origin
+ hydrologic and physical factors
+ Soil and water pollution of
  + feedlot origin - chemical and
  + microbiological quantification, also
  + chemical content of runoff and return flow
- Movement of contaminants in soil
- profile vs management systems
+ Soil management and residual
+ nutrient (especially nitrates) in
  + ground surface waters
- Movement and degradation of herbicides
- Poultry waste management systems

(over)
Mr. Fritschen (10%), An. Sci. - Swine waste management systems
Dr. Woods (10%), An. Sci. - Beef feedlot waste management systems
Dr. Peo (5%), An. Sci. - Swine waste management systems
Dr. Appleman (5%), An. Sci. - Dairy waste management systems

PERSONNEL ACTIONS

Aandahl, Andrew R. - Professor of Agronomy - Great Plains Council Project
Dahlgren, Robert R. - Associate Professor of Vet. Sci., North Platte Station - Resignation
Rehm, George W. - Assistant Professor of Agronomy - Northeast Station

NEW GRANTS, CONTRACTS AND COOPERATIVE AGREEMENTS

Burnside, O. C. - Agronomy - United States Rubber Company $1,000.00
Burnside, O. C. - Agronomy - Geigy Chemical Company 1,000.00
Ellington, E.F. - Animal Science - G. D. Searle and Company 2,000.00
Fenster, C. R. - Agronomy & Scotts Bluff Station - Geigy Chemical Company 500.00
Fenster, C. R. - Scotts Bluff Station - Great Western Sugar Company 3,500.00
Raun, E. S. - Entomology - Geigy Chemical Company 2,500.00
Sander, D. H. and Penas, E. J. - Agronomy - Eagle Picher Inc., 1,000.00
Schuster, M. - Plant Pathology - U.S.D.A., Coop. State Research Service 64,127.00

GENERAL NOTES

1. Congratulations to the following staff for their recently approved promotions to be effective July 1, 1969:

   James G. Kendrick - to Professor of Agricultural Economics
   Robert J. Florell - to Associate Professor of Agricultural Education
   Melvin K. McCarty - to Professor of Agronomy
   Vincent H. Arthaud - to Associate Professor of Animal Science
   Terry J. Klopfenstein - to Associate Professor of Animal Science
   Roger W. Mandigo - to Associate Professor of Animal Science
   Albert E. Dudeck - to Associate Professor of Horticulture and Forestry
   Ralph T. Monahan, Jr., - to Assistant Professor of Horticulture and Forestry
   Thomas B. Bare - to Assistant Professor of Information
   James L. Van Etten - to Associate Professor of Plant Pathology
   David S. Wysong - to Associate Professor of Plant Pathology
   Donald L. Ferguson - to Associate Professor of Veterinary Science
   E. Crosby Howe - to Associate Professor of Veterinary Science
   D. Murray Danielson - to Associate Professor of An. Sci. (North Platte Station)
   Larry S. Axthelm - to Assistant Professor of Agr'l. Eng'g. (Scotts Bluff Station)
   David S. Nuland - to Assistant Professor of Hort. & For. (Scotts Bluff Station)

2. Congratulations also to the following staff recently appointed to the Graduate Faculty:

   Robert D. Appleman - Associate Professor of Animal Science
   Larry V. Cundiff - Associate Professor of Animal Science
   Albert E. Dudeck - Assistant Professor of Horticulture and Forestry
   Patricia J. Sailor - Associate Professor of Textiles Clothing & Design
   Wilfred M. Schutz - Professor of Agronomy (Statistical Laboratory)
   Warren Viessman, Jr., - Professor of C. E. (Water Resources Research Center)
   Fred W. Wagner - Assistant Professor of Biochemistry and Nutrition

3. The pasture irrigation project at the North Platte Station is another excellent example of multi-discipline research effort. It has stirred much interest and drawn requests for information from many including two G Is in Viet Nam, looking to their return to Nebraska ranches.

R. W. Kleis
Journal Articles

2562. Mutation Studies, Recurrent Selection Programs, and Use of Exotic Germ Plasm in Corn Improvement at the University of Nebraska. C. O. Gardner. Proceedings of a special symposium on plant breeding, National Taiwan University.


2575. Seeding Without Mechanical Soil Preparation. R. W. Kleis. Transactions--VII CIGR.


2581. ETV Entomology at the University of Nebraska. Thomas J. Helms. The Journal of the National Association of Colleges and Teachers of Agriculture.

Station and Research Bulletins Printed

SB 505 Yearling Steer Gains and Vegetation Changes of Western Nebraska Rangeland Under Three Rates of Stocking (A Ten-Year study). Donald F. Burzlaff, Lionel Harris.