8-1974

Agricultural Experiment Station News August 1974

Follow this and additional works at: [http://digitalcommons.unl.edu/ardnews](http://digitalcommons.unl.edu/ardnews)

Part of the [Agriculture Commons](http://digitalcommons.unl.edu/ardnews)

[http://digitalcommons.unl.edu/ardnews/209](http://digitalcommons.unl.edu/ardnews/209)
NEBRASKA'S RANGE RESEARCH PROGRAM

Fertilization and grazing studies constitute much of Nebraska's range research. Continuous and four pasture rotation grazing systems with and without nitrogen fertilizer are being conducted at the Panhandle Station and planned for 1975 at the Sandhills Agricultural Laboratory (SAL). Fertility experiments on upland sandhills rangeland are currently in progress at several locations in the Sandhills for dry matter yields and forage quality. Fertility experiments on sub-irrigated sites have been conducted and will continue to receive attention at various locations.

Winter and Spring nutrition supplements to pregnant and lactating cows, respectively, are being evaluated at SAL. Grazing of warm and cool season grasses alone and in combination is being conducted at Mead.

Seeding of cool season grasses in abandoned farm fields to compliment range is receiving attention at SAL. Physiology studies include (1) monitoring plant growth through the growing season of several warm season grasses at Halsey, (2) establishing carbohydrate trends of warm season grasses, and (3) determining the role of carbohydrates and plant vigor in sand lovegrass. Downy brome control is being evaluated with several herbicides at three locations. Emphasis on range improvement practices is planned at SAL.

Evaluation, including quality, and selection of improved strains of warm season grasses is an important aspect of range research and the need is certain to always be present.

L. J. Perry, et al

PERSONNEL ACTIONS

Congratulations to the following staff members newly elected to the Graduate Faculty.

Frank N. Anderson - Agronomy
Louis A. Daigger - Agronomy
Gary M. Dornhoff - Agronomy
Charles R. Fenster - Agronomy
Kenneth D. Frank - Agronomy
John D. Furrer - Agronomy
Roland J. Hanson - Agr'l Economics
Russell S. Moomaw - Agronomy
Lenis A. Nelson - Agronomy
Paul T. Nordquist - Agronomy
Louis T. Palmer - Plant Pathology
James E. Stroike - Agronomy

GRANTS AND CONTRACTS

Burnside, Orvin C. - Agronomy - Diamond Shamrock Corporation $ 500
Campbell, J. B. - Entomology (NP Sta.) - Shell Oil Company 1,000
DeShazer, James A. - Agr'l Engineering - Poultry Institute of America 1,000
Fenster, Charles R. - Agronomy (PH Sta.) - Wheat Division--Neb. Dept. of Ag. 3,000
Gilbertson, Conrad G. - Agricultural Engineering - Miscellaneous Donors 1,790
Hagen, Arthur P. - Entomology (PH Sta.) - E. I. DuPont De Nemours Co. 500

- over -
Grants and Contracts (continued)

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Institution</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hagen, Arthur P.</td>
<td>Entomology (PH Sta.)</td>
<td>Shell Oil Company</td>
<td>$500</td>
</tr>
<tr>
<td>Larson, Larry</td>
<td>Animal Science</td>
<td>Mid America Dairymen, Incorporated</td>
<td>2,540</td>
</tr>
<tr>
<td>Mattern, Paul</td>
<td>Agronomy</td>
<td>Wheat Division - Neb. Dept. of Agriculture</td>
<td>3,500</td>
</tr>
<tr>
<td>Mayo, Z. B.</td>
<td>Entomology</td>
<td>Chevron Chemical Company</td>
<td>500</td>
</tr>
<tr>
<td>Mayo, Z. B.</td>
<td>Entomology</td>
<td>FMC Corporation</td>
<td>1,000</td>
</tr>
<tr>
<td>Mayo, Z. B.</td>
<td>Entomology</td>
<td>Mobil Chemical Company</td>
<td>2,000</td>
</tr>
<tr>
<td>Moomaw, Russel S.</td>
<td>Agronomy (N3 Sta.)</td>
<td>Shell Development Company</td>
<td>500</td>
</tr>
<tr>
<td>Neild, Ralph E.</td>
<td>Horticulture and Forestry</td>
<td>Colorado State University</td>
<td>1,950</td>
</tr>
<tr>
<td>O'Keefe, Robert B.</td>
<td>Horticulture and Forestry - Diamond Shamrock Corp.</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>Olson, Robert A.</td>
<td>Agronomy</td>
<td>Tennessee Valley Authority</td>
<td>20,000</td>
</tr>
<tr>
<td>Peo, Ernest P.</td>
<td>Animal Science</td>
<td>Rhodia, Inc.</td>
<td>5,000</td>
</tr>
<tr>
<td>Peters, Leroy L.</td>
<td>Entomology</td>
<td>Shell Chemical Co.</td>
<td>500</td>
</tr>
<tr>
<td>Rosenberg, Norman L.</td>
<td>Horticulture and Forestry - NOAA</td>
<td></td>
<td>10,000</td>
</tr>
<tr>
<td>Satterlee, L. &amp; Kendrick, J.</td>
<td>Agr'l Econ. &amp; FS&amp;T - Dept. of Econ. Devel.</td>
<td>20,000</td>
<td></td>
</tr>
<tr>
<td>Shahani, Khem</td>
<td>FS&amp;T - Dannon Milk Products</td>
<td></td>
<td>4,200</td>
</tr>
<tr>
<td>Steadman, James R.</td>
<td>Plant Pathology</td>
<td>E. I. DuPont</td>
<td>500</td>
</tr>
<tr>
<td>Twiehaus, Marvin</td>
<td>Veterinary Science</td>
<td>Dow Chemical Company</td>
<td>600</td>
</tr>
<tr>
<td>Wicks, Gail A.</td>
<td>Agronomy (NP Sta.)</td>
<td>Shell Development Company</td>
<td>600</td>
</tr>
<tr>
<td>Wicks, Gail A.</td>
<td>Agronomy (NP Sta.)</td>
<td>Wheat Div. - Neb. Dept. of Agriculture</td>
<td>3,000</td>
</tr>
<tr>
<td>White, Gene and Campbell John</td>
<td>Vet. Sci. &amp; Ento. (NP Sta.)</td>
<td>Chemagro</td>
<td>700</td>
</tr>
</tbody>
</table>

GENERAL NOTES

1. Dr. Earl Raun has left his position as Associate Director of Extension to establish a private business—"Pest Management Consultants Incorporated". We miss Earl as a co-worker and wish him much success in his new undertaking.

2. Dr. Frank Baker has resigned as Chairman of Animal Science to become Dean of Agriculture at Oklahoma State University effective November 1. Frank has distinguished himself as a professional and academic leader and has contributed greatly to Nebraska and to this University in his years with us. Congratulations both to Frank and to Oklahoma State. Let's hope their football team performs less impressively than the search committee that selected Frank.

3. Formal dedication of the new Home Economics building will be October 26. It will not be on September 4 as indicated in last month's letter.

4. Dr. Saha received a commendation award for "contributing to the science and art of good land use" from the Nebraska Council of the Soil Conservation Society of America at their annual meeting in Norfolk.

5. The state office of Veterans Affairs has acquired the dormitory facilities of the former Hiram Scott College for use as a veterans home. We are pleased that they will be neighbors of our Panhandle Station.

6. Dr. Duane Zimmerman is chairman of the search committee for an Animal Science Department Chairman. Suggestions of candidates should be communicated to him very promptly.

7. Schneider on Safety - Check those dry chemical fire extinguishers in your work area. Know where they are, that they are fully charged and how to use them. Don't be just an observer in the event of a fire. Advance knowledge of the proper use of the extinguisher may come in handy.

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


3836. Use of Animal Wastes as a Soil Amendment. T. M. McCalla. 10th Midwest Regional Meeting, American Chemical Society.


3843. Fate of Bacteria Exposed to Washing and Drying on Stainless Steel. R. B. Maxcy. Journal of Milk and Food Technology.


- over -
Journal Abstracts (contact authors for more information)


BULLETINS PRINTED


