University of Nebraska - Lincoln
DigitalCommons@University of Nebraska - Lincoln

Agricultural Research Division News & Annual Reports | Agricultural Research Division of IANR

1-1-1974

Agricultural Experiment Station News January 1974

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

Part of the Agriculture Commons

"Agricultural Experiment Station News January 1974" (1974). *Agricultural Research Division News & Annual Reports.* Paper 226.
http://digitalcommons.unl.edu/ardnews/226

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.

UNIVERSITY OF NEBRASKA–LINCOLN
COLLEGE OF AGRICULTURE
THE AGRICULTURAL EXPERIMENT STATION

H. W. OTTOSON, DIRECTOR AND
ACTING DEAN

Agricultural Experiment Station NEWS

Vol. 6, No. 7, January 1974

1974-75 BUDGET REQUESTS

Institute of Agriculture and Natural Resources - New and Improved Programs:

	1973-74 Base	College Requests		Regents Request	
	Amount	Amount	% of 1973-74	Amount	% of 1973-74
Vice Chancellor Office	-0-	-0-	-0-	$ 50,000	
Resident Instr.	$ 1,172,574	$ 130,377	11.1	111,000	9.4
Agr. Exp. Station	5,199,083	525,083	10.0	229,000	4.4
Agr. Ext. Service	4,520,899	652,800	14.4	154,000	3.4
UNSTA - Curtis	607,112	63,352	10.4	60,000	9.9
Conser. & Surv. Div.	349,989			69,000	19.7
Water R. R. Inst.	110,387			77,000	69.7
Faculty Salary Adj.	-0-	1,131,460		250,000	
Totals	$11,960,044	$2,503,072		$1,000,000	8.4

Agricultural Experiment Station - New and Improved Programs:

Priority	Activity	Location	College Request[1/] July 23, 1973	Regents Request Sept. 22, 1973
1	Operating Support Budget	All Units	$ 175,647	$ 96,240
2	Micrometeorological Res. I	Horticulture	30,360	30,360
3	Plant Virology Res.	Plant Pathology	30,000	29,000
4	Soil Fertility Management[2/]	North Platte	16,600	
5	Farm Management Res.[2/]	Northeast	9,900	
6	Operating Support Budget	All Units	187,186	
7	Micrometeorological Res. II	Horticulture	15,140	
8	Turf. & Orn. Ento. Res.	Entomology	25,000	
9	Clothing for Handicapped	Tex. Clo. and Des.	14,900	14,900
10	Vice Chairman[2/]	Agronomy	4,000	
11	Phys. of Sorg. & Other Cr.	Agronomy	16,350	
12	Serious Weed Control	Agronomy	--	15,000
13	Ornamental Hort. & Turf[2/]	Horticulture	--	6,050
14	Wildlife Management[2/]	Poultry Science	--	7,450
15	Feedlot Pollution Control	Agr. Engineering	--	30,000
	Experiment Station Totals		$ 525,083	$ 229,000

1/ New position requests include funds for scientist and support
2/ Joint with teaching and/or extension

Continuation Budget Increases (UN-L):

Classified Personnel - State Pay Plan - 4½% Increase
Academic and Professional Personnel - 6½% Increase
Non-Personnel Services - Support - 3% Increase

GRANTS AND CONTRACTS

Ball, H. J. - Entomology - American Cyanamid Company	$ 600
Burnside, Orvin C. - Agronomy - Chevron Chemical Company	1,000
Kerr, Eric D. - Plant Path. (Panhandle Sta.) - Dow Chemical Company	1,000
Lucas, Leo E. - North Platte Station - Banks of Central and Western Nebraska	1,710
Mayo, Z. B. - Entomology - American Cyanamid Company	1,500
Palmer, Louis T. - Plant Pathology - Dow Chemical Co.	750
Twiehaus, Marvin J. - Veterinary Science - Mr. Willard Waldo	1,000
Ward, John K. - Animal Science - E. I. DuPont De Nemours & Co.	2,500

GENERAL NOTES

1. New Guidelines for Civil Rights Compliance have been received from CSRS and copies are available in your departmental or station offices. Please review them. There can be no discrimination in employment, research benefits or other University activities. Indeed, overt efforts to avoid such must be documentable.

2. We also are under new regulations for protection of human subjects involved in research. They relate to any research involving human health, habits, attitudes, economic status, etc. Most of our projects submit to easy certification that human subjects are not involved; but, many do not. Our office is doing this screening.

3. We have recently processed recommendations for promotion and tenure. The attached criteria for promotion considerations were approved by you, the faculty, and provide the basic reference for such actions. We think you you should keep a copy for your own reference.

4. Schnieder on Safety - "Drive unto others as you would have others drive unto you."

5. Hunting at the Field Laboratory:

	1973	1974
Number of hunters	3,378	3,511
Pheasants	682	711
Quail	32	42
Rabbits	120	198
Squirrel	9	11

6. Sahs Sez - Now is the time to check emergency vehicles, standby power units, and emergency feed supplies and to be sure that livestock has a reliable water supply.

7. Burning is not a recommended method for disposing of marijuana!

NEBRASKA AGRICULTURAL EXPERIMENT STATION PUBLICATIONS - December 1973

Journal Articles (contact authors for more information)

3711. Breeding and Genetic Studies of Tolerance to Several Bean (*Phaseolus Vulgaris* L.) Bacterial Pathogens. D. P. Coyne and M. L. Schuster. *Euphytica*.

3712. Differential Reaction of Pods and Foliage of Beans (*Phaseolus Vulgaris*) to *Xanthomonas Phaseoli*. Dermot P. Coyne and M. L. Schuster. Plant Disease Reporter.

3713. Triticale in Human Nutrition. Hazel M. Fox and Constance Kies. Proceedings of International Conference on Triticale.

3714. Triticale and Human Nutrition. Constance Kies and Hazel Metz Fox. Cereal Chemistry.

3715. Resistance in Sweetclover to the Sweetclover Root Borer. G. R. Manglitz, H. J. Gorz and F. A. Haskins.

3716. Additional Hosts of the "Yellow Clover Aphid Complex." G. R. Manglitz and H. J. Gorz. Journal of Economic Entomology.

3717. The Influence of Cultivation on the Distribution of Nitrogen in Chestnut Soil Profiles I. Organic C, Total N, and C:N Ratios. V. W. Meints and G. A. Peterson. Soil Science Society of America.

3718. The Influence of Cultivation on the Distribution of Nitrogen in Chestnut Soil Profiles II. Organic N Fractions. V. W. Meints and G. A. Peterson. Soil Science Society of America.

3719. Heat Losses of Large White Turkeys - 6 to 36 Days of Age. J. A. DeShazer, L. L. Olson and F. B. Mather. Poultry Science.

3720. A Tympanic Membrane Temperature Measurement Technique for Birds. Malik M. Ahmad and F. B. Mather. Poultry Science.

3721. Effect of Assay Flask Closure on the Growth Response of *Saccharomyces carlsbergensis* to Pyridoxine. Alan M. Joe and Khem M. Shahani. Applied Microbiology.

3722. Another Look at the Profession of Dietetics. Gloria K. Johnson and Marie E. Knickrehm. Journal of the American Dietetic Association.

3723. An Esophageal Cannula Force-Feeding Technique. F. B. Mather and Malik M. Ahmad. Poultry Science.

3724. Sterols of Healthy and Rust-Infected Bean Leaves. Hung-Kuang Lin and H. W. Knoche. Phytochemistry.

3725. The Ultrastructural Appearance of Cowpea Mosaic Virus in Cowpea. Willem G. Langenberg and Helen F. Schroeder. Virology.

3726. Comparison of Neutron Probe - Weighing Lysimeter ET Measurements. Hollis Shull, Dale Heermann and Gary Daigger. Agricultural Engineer.

Journal Abstracts (contact authors for more information)

73-273. Rangeland Weed Control. L. A. Morrow and M. K. McCarty. Nebraska Extension Crop Protection Clinic.

73-275. Sampling Techniques for the Eggs, Larvae and Adults of the Bluegrass Billbug in Kentucky Bluegrass. S. Dean Kindler. Entomological Society of America North Central Branch Meetings.

73-276. The Eastern and Western Strains of the Alfalfa Weevil in Nebraska. Dr. George R. Manglitz. Entomological Society of America North Central Branch Meetings.

73-277. Bacteria in the Atmosphere of a Housed Swine Unit. L. F. Elliott, T. M. McCalla, J. A. DeShazer and E. R. Peo, Jr. Bacteriological Proceedings.

BULLETINS PRINTED

SB 529. Legal Implications of Feedlot Pollution in Nebraska. Doug C. Nelson.

RB 242. Growing Season Air-Soil Temperature Relationships at Lincoln, Nebraska. Ralph E. Neild.

OTC 156. Nebraska Spring Small Grain Variety Tests 1973. A. F. Dreier, J. W. Schmidt, L. A. Nelson and R. S. Moomaw.

Criteria for Appointment and Promotion in Rank
The University of Nebraska College of Agriculture
June 16, 1972

EXPERIMENT STATION

Instructor

1. A Masters degree*
2. An interest in experiment station research
3. Recommendations indicating research capability

Assistant Professor

1. A Doctorate degree in appropriate field*
2. Demonstrated understanding of and interest in the research program of the experiment station
3. Recommendations indicating demonstrated research capability

Associate Professor

1. A Doctorate degree in appropriate field*
2. Evidence of professional growth and developing stature
3. Effective participation in supporting activity such as committee assignments and program planning
4. Demonstrated ability to communicate results of research both in scientific and lay channels
5. Experience in effective research project leadership and demonstrated personal creativity (normally requiring four or more years)
6. Membership in graduate faculty preferred
7. Above average evaluations of past work**

Professor

1. A Doctorate degree in appropriate field*
2. Demonstrate intellectual depth and versatility in a number of research activities
3. Recognition by colleagues in the College and in his profession, and by his clientele, as a scholar
4. Demonstrated ability to direct the research efforts of others, and to contribute to the programs of his department and colleagues
5. Demonstrated continued professional growth and potential
6. Full graduate staff status as partial evidence of (2) and (5)
7. Above average evaluation of past work**
8. Because this is the terminal academic rank, recommendations are based upon sustained records of effective performance (normally at least five years as Associate Professor) and involve more subjective evaluation than earlier promotions

*Circumstances may, in rare instances, cause this requirement to be modified.

**Average of evaluations is based upon most recent four years and will be compared to others in the rank in which the ratings were earned.