

## **SECTION VI**

### **PERSONNEL, PROJECTS, PUBLICATIONS, MEETINGS, AND EVENTS, 1989**

## PERSONNEL

### DICKINSON BRANCH STATION NORTH DAKOTA AGRICULTURAL EXPERIMENT STATION NORTH DAKOTA STATE UNIVERSITY

as of January 1, 1989

Thomas J. Conlon, M. S. Superintendent and Agronomist	1948
James L. Nelson, B. S. Animal Scientist	1969
Douglas G. Landblom, M. S. Animal Scientist	1974
Burt Melchior, Ag Res Tech II, Crops-Livestock Research	1973
Lee Tisor, Ag Res Tech III, Crops-Livestock Research	1980
Garry Ottmar, Ag Res Tech II, Livestock Research	1980
David Bartow, Ag Res Tech II, Maintenance, Feed Making	1983
Jeffrey Kubik, Ag Res Tech II, Livestock Research	1984
Robert Paluck, Ag Res Tech II, Livestock Research	1988
David Claypool, Res Spec I, Crops, Soils Research	1984
Jane Olheiser, Sec II, Administration Secretary	1966
Ann Bertie, Clerk II, General Office	1974

1. **NAME AND RANK**

Thomas J. Conlon, Superintendent and Agronomist

2. **YEARS OF SERVICE**

42 years

3. **YEARS IN PRESENT RANK**

21 years

4. **INSTRUCTION RESPONSIBILITY**

N/A

5. **GRADUATE STUDENT ADVISED**

N/A

6. **RESEARCH PROJECT LEADER**

Projects ND06240, 6243, 6244

7. **INTERDISCIPLINARY PROJECTS**

Projects ND01601, 1614, 1625, 1630, 3610, 3613, 1623, 1786, 3731, 6262, 6263, 6264, 6203

8. **PROJECTS IN PREPARATION**

None

9. **RECENT PROFESSIONAL ACTIVITIES**

See page 2

10. **PUBLICATIONS**

Listed on page 9

11. **COMMITTEE ASSIGNMENTS**

North Dakota Pork Producers  
Swine Health and Research Committee

North Dakota Stockmen's Assoc.  
NDSA Research Committee

Branch Station Promotion Committee  
Branch Station Legislation Committee  
North Dakota Cow Calf Conference Planning Committee

North Dakota Range Research Planning Committee

12. **OTHER PROFESSIONAL ACTIVITIES**

Listed on page 2

13. **RECOGNITION RECEIVED**

None

14. **EXTENSION OF PROMOTIONAL ACTIVITIES**

Listed on page 2

## MEETINGS AND EVENTS – 1989

### Thomas J. Conlon

Participated	Dickinson Area Chamber of Commerce Ag Committee
Attended	NDSA Mini Convention
Attended	DSU Ag Dept. Advisory Board meeting
Attended	Senate Appropriations Budget Hearing
Attended	ND Pork Producers Meeting
Presented	Crops program to Golden Valley County Crops Improvement Association
Presented	Crops program to Taylor Institute
Attended	Hettinger Sheep Day
Attended	Minn Dak Growers Buckwheat program
Attended	Branch Station Conference
Attended	House Appropriation hearing
Hosted	Stark-Billings, Dunn and Golden Valley County Agents
Participated	NDSA Research Committee
Presented	Area extension center proposal to Community leaders
Attended	Central Grasslands Research Center Field DaY
Attended	ND Pork Producers State Board
Presented	Program to Rotary Club
Hosted	Dickinson Research Center Field Day
Hosted	Twilight tour – Golden Valley county
Hosted	Community Ethnic picnic
Hosted	Twilight tour – Mercer, Oliver, and Morton counties
Hosted	Rural Fire Dept. picnic
Judged	Golden Valley County Fair
Hosted	Southwest District County Agents with Research Center Staff
Hosted	Livestock Research Roundup
Attended	Branch Station Conference
Presented	Program to Southwest Grain Dealers
Attended	Consultation Board meeting
Attended	Southwest district Pork Producers annual meeting
Attended	North Dakota Pork Producers State Board meeting
Presented	Program at Western Dakota Crops Day – Hettinger
Attended	Research Center Superintendents – Directors meeting
Attended	Range research coordinating committee meeting

1. **NAME AND RANK**  
James LEE Nelson, Animal Scientist
2. **YEARS OF SERVICE**  
22 years
3. **YEARS IN PRESENT RANK**  
15 years
4. **INSTRUCTIONAL RESPONSIBILITY**  
N/A
5. **GRADUATE STUDENT ADVISED**  
N/A
6. **RESEARCH PROJECT LEADER OR CO-LEADER**  
Projects ND06221, 6223, 6230
7. **INDERDISCIPLINARY PROJECTS**  
Projects ND01786, ND 01922 and ND03731
8. **PROJECTS IN PREPARATION**  
Short term swine identification in cooperation with Dr. Irwin Hoff, APHIS  
Hay quality preservation with Nutri Shield or Hydro treat
9. **FUTURE RESEARCH**  
An evaluation of a phase synchronization method for synchronizing lactating beef cows that are bred naturally.  
Cooperating with Dr. Bob Thornberg and the Animal and Range Science Dept. to evaluate a distillers dried grain feed block for grazing cattle.  
An evaluation of a grass stretcher supplement containing varying levels of beet pulp.  
An evaluation to expand and investigate marketing methods.  
A comparison of semi-confinement versus unconfined low input swine production.
10. **RECENT PROFESSIONAL ACTIVITIES**  
S.W. Pork Producers Annual meeting, Pork Producers Conference, North Dakota Cow/Calf Conference, Branch Research Center meeting, Watford City Crop and Ag Day, Thirty-ninth Livestock Research Roundup, North Dakota Stockmen's Assoc. Research Committee meeting.
11. **PUBLICATIONS**  
Listed on page 9.
12. **COMMITTEE ASSIGNMENTS**  
Branch Research Center Organization Committee
13. **OTHER PROFESSIONAL ACTIVITIES**  
Dickinson State Agricultural Dept. Advisory Board  
Dickinson High School Vocational Ag Dept. Advisory Board

## MEETINGS AND EVENTS – 1989

### James L. Nelson

Attended	Meetings of DES Advisory Board
Attended	DHS Vocational Ag Advisory Board Meetings
Attended	Taylor Farm Institute
Participated	Dr. Joe Caton's visit to the Research Center
Attended	SW Area Pork Producers Annual meeting
Attended	ND Pork Producers Profitability Conference
Presented	Program at extension meeting in New Town
Presented	Program at Watford City Crop Show and Ag Day
Participated	Meeting with Dr. H.R. Lund, Clayton Haugse, to discuss the future of Polled Hereford Breeding at the Dickinson Research Center
Attended	Crops Field Day and presented video promoting livestock research at the Dickinson Research Center
Participated	Thirty-ninth Livestock Research Roundup
Participated	ND Cow/Calf Conference
Attended	Dickinson-Hettinger Advisory Board meetings
Attended	ND Stockmen's Association Research Committee meeting
Attended	Meeting with Dr. DeAnn Morris
Attended	Senate Appropriations Budget hearing
Attended	House Appropriation hearing
Attended	Extension Farm Records Workshop
Attended	Meeting with Director Lund – Extension Resource Centers
Presented	Ammoniation of Straw report at Carrington meeting
Presented	Livestock Program at New Leipzig Crop Field Day

1. **NAME AND RANK**  
Douglas G. Landblom, Associate Animal Scientist
2. **YEARS OF SERVICE**  
15 years
3. **YEARS IN PRESENT RANK**  
2 years
4. **INSTRUCTIONAL RESPONSIBILITY**  
None
5. **GRADUATE STUDENT ADVISED**  
None
6. **RESEARCH PROJECT LEADER OR CO-LEADER**  
Projects ND06221, 6223, and 6230
7. **INTERDISCIPLINARY PROJECTS**  
Projects ND01786, ND 01922 and ND03731
8. **PROJECTS IN PREPARATION**  
None
9. **FUTURE RESEARCH**  
Beef Cattle:
  - a. An evaluation of a phase synchronization method for synchronizing lactating beef cows that are bred naturally
  - b. Cooperating with Mr. Bob Thornberg and the Animal and Range Science department we are planning to evaluate a distillers dried grain feed block for grazing cows and calves
  - c. An evaluation of a grass stretcher supplement containing varying levels of beet pulp is being established with the Animal and Range Science Dept.
  - d. An evaluation to expand and investigate other marketing methods using cooperator herds is planned.Swine:
  - a. A comparison of semi-confinement versus unconfined low input swine production
10. **RECENT PROFESSIONAL ACTIVITIES**  
S.W. Pork Producers Annual Meeting, North Dakota Cow/Calf Conference, Branch Research Center meeting, North Dakota Pork Producers Profitability Conference, Watford City Crop Show and Ag Day, Thirty-Ninth Livestock Research Roundup, North Dakota Stockmen's Association Research Committee meeting
11. **PUBLICATIONS**  
Listed on page 9
12. **COMMITTEE ASSIGNMENTS**  
Branch Research Center Organization Committee

**Douglas G. Landblom, Continued**

**13. OTHER PROFESSIONAL ACTIVITIES**

American Society of Animal Science  
North Dakota Stockmen's Association  
Toastmasters International  
Gideons International

**14. ACADEMIC RECOGNITION RECEIVED**

None

**15. EXTENSION OR PROMOTIONAL ACTIVITIES**

Prepared video tape with Jim Nelson, promoting livestock research at the Dickinson Research Center



## MEETINGS and EVENTS

### D. G. Landblom

Participated	In Dr. Joel Caton's visit to the Research Center
Attended	S.W. Area Pork Producers Annual meeting
Attended	ND Pork Producers Budget Committee meeting
Attended	ND Pork Producers Profitability Conference
Organized	Branch Research Center livestock meeting
Attended	Chamber of Commerce Ag Committee meetings and participated in activities
Presented	Early weaning information at extension meeting in New Town
Presented	Early weaning and cow efficiency information at the Watford City Crop Show and Ag Day
Attended	Rotary Clubs National Ag week recognition program
Attended	Rotary Clubs Farmer – Rancher nite
Participated	In meeting with Dr. H.R. Lund, Mr. Clayton Haugse, Mr. Russ Danielson, Mr. Frank Kubik, and Mr. Neal Scharr, to discuss the future of Polled Hereford Breeding at the Dickinson Research Center
Attended	Chemical safety meeting
Attended	Crops Field Day – presented video promoting livestock research at the Dickinson Research Center
Toured	Ranch Headquarters with Dr. Jim Ozbun
Meeting	With Hubbard Milling Company's, nutritionist, Dr. Michael Lewis
Participated	Thirty-Ninth Livestock Research Roundup
Participated	ND Cow/Calf Conference
Attended	Dickinson-Hettinger Advisory Board meetings
Attended	ND Stockmen's Association Research Committee meeting
Attended	Meeting with Dr. DeAnn Morris

1. **NAME AND RANK**  
David A. Claypool, Research Specialist I
2. **YEARS OF SERVICE**  
6 years
3. **YEARS IN PRESENT RANK**  
5 years
4. **INSTRUCTION RESPONSIBILITY**  
None
5. **GRADUATE STUDENT ADVISED**  
None
6. **RESEARCH PROJECT LEADER**  
N/A
7. **INTERDISCIPLINARY PROJECTS**  
N/A
8. **PROJECTS IN PREPARATION**  
Studies conducted in cooperation with NDSU Department of Soil Science: climatology of soil water (Dr.ENZ), soil erosion and crop production (Dr. Cihacek), crop development and drought stress (Dr. Goos).  
Completed graduate coarse work and began writing thesis.  
Continued to upgrade and expand the station's use of computer programs and equipment to analyze data and to prepare reports and presentations.
9. **RECENT PROFESSIONAL ACTIVITIES**  
Attended spring and fall branch station conferences.
10. **COMMITTEE ASSIGNMENTS**  
Branch Station Professional Development and Training committee.
11. **OTHER PROFESSIONAL ACTIVITIES**  
American Society of Agronomy, Soil Science Society of America, Soil and Water Conservation Society, Cousteau Society, The Nature Conservancy, Theodore Roosevelt Nature and History Association.  
Submitted results from 1987 soil survey of crop rotation plots for publication in Soil Survey Horizons with co-authors D.G. Hopkins and J.L Richardson.
12. **ACADEMIC RECOGNITION RECEIVED**  
none
13. **EXTENSION OR PROMOTIONAL ACTIVITIES**  
March 29, New Town and Parshall. Soil fertility management following a drought year.  
November 16, ND Professional Soil Classifiers Assoc. Annual Meeting, Dickinson. Drought stress and spring wheat development.  
December 7, Western Dakota Crops Day, Hettinger. Ammonia volatilization losses from broadcast urea.

## PROJECTS

<u>NUMBER</u>	<u>TITLE</u>	<u>PRINCIPAL INVESTIGATOR</u>	
BD01601	Hard Red Spring Wheat Improvement	R. Frohberg	NDSU
ND01608	Barley Improvement	E.A Foster	NDSU
ND01614	Durum Improvement	R.G. Cantrell	NDSU
ND01625	Hard Red Winter Wheat Improvement	D. Cox	NDSU
ND01630	Oat Improvement	M. McMullen	NDSU
ND03610	Sunflower, Minor & New Crops	A.A. Schneiter	NDSU
ND03613	Distribution of Foundation Seed	L.A. Spilde	NDSU
ND06240	Evaluation of Cereal Cultivars and Advanced Selections	T.J. Conlon	DRC
ND06243	Crop Production and Soil Mangement Systems	R.J. Goos T.J. Conlon	NDSU DRC
ND06244	Specialty Crops	T.J. Conlon	DRC
ND06203	Horticultural & Woody Plant Trials	T.J. Conlon	DRC
ND01786	Pasture Mangement for Western ND	L.L. Manske	NDSU
ND01922	Short Duration Grazing in the Mixed Grass Prairie of ND	D.R. Kirby	NDSU
ND03731	Use of Plant Growth Regulators on Grass Pastures	L.L. Manske	NDSU
ND06221	Livestock Feeding	J.L. Nelson	DRC
ND06223	Livestock Disease	J.L. Nelson	DRC
ND02520	Weather & Climate Research	J. Enz	NDSU

## PUBLICATIONS

- CONLON, T.J. and E. ERIKSMOEN.** 1989.  
Hard Red Spring Wheat, Durum, Oats and Barley Variety Trials. Sixth Annual Western Dakota Crop Day Research Report. Dickinson-Hettinger Research Center. pp 1-26.
- CONLON, T.J., AND E. ERIKSMOEN.** 1989.  
Specialty Crop Yields. Sixth Annual Western Crop Day Research Report. Dickinson-Hettinger Research Center. pp 27.38.
- LANDBLOM, D.G., J.L. NELSON, J. S. CATON and S.L. BOYLES.** 1989.  
Drylot Wintering of Pregnant Beef Cows supplemented with Either a 12% Crude Protein Heat Processed Molasses Block or Dry Rolled Barley. Thirty-Ninth Livestock Research Roundup. Sec. I, pp 1-6.
- LANDBLOM, D.G., J.L. NELSON, J. S. CATON and S.L. BOYLES.** 1989.  
Drylot Wintering of Pregnant Beef Cows supplemented with Either a 12% Crude Protein Heat Processed Molasses Block or Dry Rolled Barley. 1989 Cow/Calf Conference Proceedings, pp 13-20.
- LANDBLOM, D.G. and J.L. NELSON.** 1989.  
Ivomec and a Totalon/Marbex Combination Compared for Parasite Control in Backgrounded Feedlot Heifers. Thirty-Ninth Livestock Research Roundup. Sec. I, pp 7-13.
- LANDBLOM, D.G., J.L. NELSON, L. MANSKE AND P. SJURSEN.** 1989.  
Brood Cow Efficiency Management Study: Progress Report II. Thirty-Ninth Livestock Research Roundup. Sec. I, pp 20-34.
- LANDBLOM, D.G. AND J.L. NELSON.** 1989.  
Ovulation Induction/Synchronization Methods Compared Among Non-Cycling Cows. Thirty-Ninth Livestock Research Roundup. Sec. I, pp 35-42.
- NELSON, J.L.** 1989.  
Improving Straw Quality with Anhydrous Ammonia. 1989 cow/Calf Conference Proceedings. pp 30-33.