

PERSONNEL

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

as of January 1, 1986

Thomas J. Conlon, M.S. Superintendent and Agronomist	1948
James L. Nelson, B. S. Animal Scientist	1969
Douglas G. Landblom, M.S. Asst. Animal Scientist	1974
Frank Kostelecky, Ag Res Tech II, Livestock Research	1952
Burt Melchior, Ag Res Tech II, Crops - Livestock Research	1973
Lee Tisor, Ag Res Tech III, Crops – Livestock Research	1980
Gary Ottmar, Ag Res Tech II, Livestock Research	1978
David Bartow, Ag Res Tech II, Maintenance, Feed making	1983
Jeffrey Kubik, Ag Res Tech II, Livestock Research	1984
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**
39 years
3. **YEARS IN PRESENT RANK**
18 years
4. **INSTRUCTION RESPONSIBILITY**
N/A
5. **GRADUATE STUDENT ADVISED**
N/A
6. **RESEARCH PROJECT LEADER**
Projects ND06240, 6241, 6242, 6243, 6244, 6230
7. **INTERDISCIPLINARY PROJECTS**
Projects ND01917, 1922, 3731, 1906
8. **PROJECTS IN PREPARATION**
ND06245
9. **FUTURE RESEARCH**
10. **RECENT PROFESSIONAL ACTIVITIES**
11. **PUBLICATIONS**
Listed on page 7 & 8
12. **COMMITTEES ASSIGNMENTS**
Listed on page 10
13. **OTHER PROFESSIONAL ACTIVITIES**
14. **ACADEMIC RECOGNITION RECEIVED**
15. **EXTENSION OR PROMOTIONAL ACTIVITIES**
Listed on page 9

1. **NAME AND RANK**
James Lee Nelson, Animal Scientist
2. **YEARS OF SERVICE**
19 years
3. **YEARS IN PRESENT RANK**
12 years
4. **INSTRUCTION RESPONSIBILITY**
None
5. **GRADUATE STUDENT ADVISED**
None
6. **RESEARCH PROJECT LEADER**
ND06221, ND06222, ND06223
7. **INTERDISCIPLINARY PROJECTS**
ND01917, ND019222, ND03731, ND01906
8. **PROJECTS IN PREPARATION**
A comparison of barley distillers dried grains, sunflower meal and soybean meal as protein supplements for growing heifers.
Luprostiol for estrus synchronization in beef cows and heifers with Dr. Tom J. Newby, Norden Laboratories.
Induced abortion in feedlot heifers using Luprostiol or Bovalene, with Dr. Tom J. Newby, Norden Laboratories.
An evaluation of Bog Lic blocks containing Bovatec for steers with Dr. Darwin Britzman, GTA Feeds.
Feedlot rations utilizing dry rolled barley, whole oil type sunflower seeds and sodium bicarbonate.
9. **FUTURE RESEARCH**
An evaluation of the Vigilante^R bolus for control of horn flies in a breeding herd, in cooperation with Dr. Dennis Kopp, NDSU Entomology Dept.
Using barley distillers dried grains and concentrated solubles fed in the form of a “Big Lic” block to supplement breeding cows and growing calves.
10. **RECENT PROFESSIONAL ACTIVITIES**
11. **PUBLICATIONS**
Listed on page 7 and 8
12. **COMMITTEE ASSIGNMENTS**
Listed on page 11
13. **OTHER PROFESSIONAL ACTIVITIES**
Member Dickinson State College Agricultural Dept. Advisory Board
14. **ACADEMIC RECOGNITION RECEIVED**
15. **EXTENSION OR PROMOTIONAL ACTIVITIES**
Listed on page 11

1. **NAME AND RANK**
Douglas G. Landblom, Assistant Animal Scientist
2. **YEARS OF SERVICE**
12 years
3. **YEARS IN PRESENT RANK**
12 years
4. **INSTRUCTION RESPONSIBILITY**
None
5. **GRADUATE STUDENT ADVISED**
None
6. **RESEARCH PROJECT LEADER OR CO-LEADER**
Project ND06221 and 6223
7. **INTERDISCIPLINARY PROJECTS**
Project ND01917 and 1922
8. **PROJECTS IN PREPARATION**
A comparison of estrous synchronization methods in mature cows. (Abstract submitted to the Society of Animal Science for presentation at the annual meeting July 28-31, 1987)

A comparison of calf weaning management methods. (Being submitted to the Journal of Animal Science for publication)
9. **FUTURE RESEARCH**
An evaluation of ovulation induction methods in the anestrus beef cow and subsequent rebreeding success in an AI program.
10. **RECENT PROFESSIONAL ACTIVITIES**
Panel speaker NDSU-NDSA cow/calf Conference
11. **PUBLICATIONS**
Listed on page 7 and 8
12. **COMMITTEE ASSIGNMENTS**
Branch Station Organization committee

Chairman, trade show entries committee – Chamber of Commerce Ag Committee
13. **OTHER PROFESSIONAL ACTIVITIES**
American Society of Animal Science
North Dakota Stockman's Association
Toastmasters International
14. **ACADEMIC RECOGNITION RECEIVED**
15. **EXTENSION OR PROMOTIONAL ACTIVITIES**
Listed on page 12

1. **NAME AND RANK**
Dave Claypool, Research Specialist 1
2. **YEARS OF SERVICE**
3 years
3. **YEARS IN PRESENT RANK**
2 years
4. **INSTRUCTION RESPONSIBILITY**
None
5. **GRADUATE STUDENT ADVISED**
None
6. **RESEARCH PROJECT LEADER**
N/A
7. **INTERDISCIPLINARY PROJECTS**
8. **PROJECTS IN PREPARATION**
Volatilization losses of ammonia from broadcast urea. Climatology of soil water and crops development studies in cooperation with NDSU Soil Science Dept.
9. **FUTURE RESEARCH**
Detailed soil map of main plot area of Dickinson Branch Station
10. **RECENT PROFESSIONAL ACTIVITIES**
Attended spring and fall Branch Station Conferences. Gave presentation on volatilization losses of ammonia from broadcast urea.
Completed 11 hours of study in a M.S. program.
11. **PUBLICATIONS**
12. **COMMITTEE ASSIGNMENTS**
Branch Station Professional Development and Training committee.
13. **OTHER PROFESSIONAL ACTIVITIES**
American Society of Agronomy, Soil Science Society of America, Soil Conservation Society of America, Cousteau Society, The Nature Conservancy, Theodore Roosevelt Nature and History Assoc.
14. **ACADEMIC RECOGNITION RECEIVED**
15. **EXTENSION OR PROMOTIONAL ACTIVITIES**

PROJECTS

NUMBER	TITLE	PRINCIPAL INVESTIGATOR	
ND01601	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
ND06240	Small Grain Variety Testing	T.J. Conlon	DES
ND06241	Cooperative Small Grain Nursery Testing	T.J. Conlon	DES
ND06242	Off Station Small Grain Variety Trials	T.J. Conlon	DES
ND06243	Crop Production Trials	T.J. Conlon	DES
ND06244	Specialty Crops	T.J. Conlon	DES
ND06245	Horticultural and Woody Plant Trials	T.J. Conlon	DES
ND06230	Grassland Management	T.J. Conlon	DES
ND01906	Pasture Management for Western ND	L.L. Manske	NDSU
ND01908	Rangeland Reseeding and Natural Plant Community Manipulation to Improve Production Efficiency	L.L. Manske	NDSU
ND01917	Interseeding Native Mixed Grass Pastures	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
ND06220	Livestock Breeding	D.G. Landblom	DES
ND06221	Livestock Feeding	J.L. Nelson	DES
ND06222	Livestock Management	J.L. Nelson	DES
ND06223	Livestock Disease	J.L. Nelson	DES

PUBLICATIONS

- BALL, W.S., T.J. CONLON, and A. SCHNEITER. 1986. "Winter Rye Production". Extension Circular No. A-916. Cooperative Extension Service, NDSU.
- CONLON, T.J., and J. JAKICIC. 1986. "Hard Red Spring Wheat, Durum, Oats and Barley Variety Trials". Third Annual Western Dakota Crop Day Research Report. Dickinson – Hettinger Agricultural Experiment Stations. pp 1-26.
- CONLON, T.J., and J. JAKICIC. 1986. "Speciality Crop Yields". Third Annual Western Dakota Crop Day Research Report. Dickinson – Hettinger Agricultural Experiment Stations. pp 27-34.
- KIRBY, D.R., T. CONLON, D. LANDBLOM, J. NELSON, P. NYREN, and T. STROMBERG. 1986. "Short Duration Grazing in North Dakota: Preliminary Results". North Dakota Farm Research Bimonthly Bulletin. Vol. 44, No. 2, pp 3-5.
- LANDBLOM, D.G., and J.L. NELSON. 1986. "Brood Cow Efficiency Study". Thirty-sixth Livestock Research Roundup. Sec. 1, pp 46.
- LANDBLOM, D.G., J.L. NELSON and LADON JOHNSON. 1986. "A Comparison of Barley Distillers Dried Grain, Sunflower Meal and Soybean Oil Meal as Protein Supplements in Backgrounding Rations". Thirty-sixth Livestock Research Roundup. Sec. 1, pp 1-6.
- LANDBLOM, D.G., and J.L. NELSON. 1986. "A Comparison of Heat Synchronization Methods in Mature Cows". Thirty-sixth Livestock Research Roundup. Sec. 1, pp 24-29.
- LANDBLOM, D.G., and J.L. NELSON. 1986. "A Comparison of Rumensin and Bovatec Fed in Wintering Rations to Beef Calves". North Dakota Farm Research Bimonthly Bulletin. Vol. 43, No. 5, pp 10-11.
- LANDBLOM, D.G., J.L. NELSON, G. MYERS, and M.F. ANDREWS. 1986. "Cow-Calf Performance on Improved and Native Grass Pastures Following Worming". Thirty-sixth Livestock Research Roundup. Sec. 1, pp 7-13.
- LANDBLOM, D.G., and J.L. NELSON. 1986. "Estrumate, Lutalyse and Synchronate-B Compared for Synchronizing Heat Cycles in Beef Heifers". Thirty-sixth Livestock Research Roundup. Sec. 1, pp 18-23.
- LANDBLOM, D.G., and J.L. NELSON. 1986. "Feedlot Breed Comparison of First Generation Steers". Thirty-sixth Livestock Research Roundup. Sec. 1, pp 34-39.
- LANDBLOM, D.G., J.L. NELSON, and T.J. NEWBY. 1986. "Luprostiol and Lutalyse^R Compared for Heat Synchronization". Thirty-sixth Livestock Research Roundup. Sec. 1, pp 30-33.
- LANDBLOM, D.G., and J.L. NELSON. 1986. "Medicated Salt-Mineral Mixture for Cow-Calf Pairs Grazing Native Range Pastures". Thirty-sixth Livestock Research Roundup. Sec. 1, pp 14-17.
- LANDBLOM, D.G., J.L. NELSON and W.D. SLANGER. 1986. "System for Feeding Early Weaned Beef Calves". North Dakota Farm Research Bimonthly Bulletin. Vol. 43, No. 5, pp 7-9.
- LANDBLOM, D.G., and J.L. NELSON. 1986. "Winter Growth and Breed Production Comparison of First Generation Heifers". Thirty-sixth Livestock Research Roundup. Sec. 1, pp 40-45.

PUBLICATIONS (CONTINUED)

MANSKE, L.L. and T.J. CONLON. 1986. "Complementary Rotation Grazing System in Western North Dakota". North Dakota Farm Research Bimonthly Bulletin. Vol. 44, No. 2, pp 6-10.

NELSON, J.L. and D.G. LANDBLUM. 1986. "Feedlot Breed Comparison of First Generation Steers". Thirty-sixth Livestock Research Roundup. Sec. 1, pp 34-39.

MEETINGS – EVENTS – 1986

T. J. CONLON

Attended Branch Station Conference – Mandan

Attended Legislative Hearing – NDSU and Legislators of Stark County

Attended Cow-Calf Conference – Review and Planning – Bismarck

Attended North Dakota Pork Producers Annual Meeting – Fargo

Presented program to Hettinger Co. Crop Improvement Assoc.

Attended Dickinson High School Vocational Ag Committee Meetings

Participated in special meeting of Dickinson – Hettinger Advisory Committee with Russell Lorenz

Presented program to Taylor Institute, Taylor, Golden Valley Crop Improvement Assoc. – Beach

Attended Dickinson City Commission Meeting on snow fence shelter belts

Attended Sheep Day – Hettinger

Presented program to Mercer Co. Crop Improvement Assn. – Beulah

Presented program to Stark-Billings Food and Agriculture Committee

Attended Branch Station Conference – Fargo

Attended North Dakota Pork Producers Board – Carrington

Attended Ag Coalition Meeting – Bismarck

Attended Dickinson Chamber of Commerce Ag Committee Meeting.

Met with Ames, Iowa personnel from Plant Introduction Station

Attended North Dakota Stockmen's Assn. Annual Convention – Minot

Attended North Dakota Pork Producers Board – Mandan

Attended Central Grasslands Station Field Day

Attended Area 4-H - FFA Land Judging – Ranch

Presented program – off-station tour – Beach

Hosted Area Ag Agents at the Station

Hosted Station Field Day

Hosted Twi-lite tour – Oliver County off-station site

Hosted Twi-lite tour – Morton County off station site

Hosted Twi-lite tour Mercer County off station site

1986 MEETINGS, EVENTS FOR T. J. CONLON (CONTINUED):

Hosted Range Management Workshop SUND – Dickinson

Judged Golden Valley Co. Fair – Beach

Hosted Livestock Research Roundup at the Ranch

Hosted Soviet Dryland Grain Team and ND Wheat Commission personnel

Attended North Dakota Pork Producers Board – Bismarck, Dickinson

Met with ND Ag Products Utilization Commission

Attended Cow-Calf Planning Meeting – Bismarck

Participated in Western Dakota Crops Day – Hettinger

COMMITTEES

North Dakota Pork Producers
Swine Health and Research Committee

North Dakota Stockmen's Assn.
NDSA Research Committee

Branch Station Promotion Committee

North Dakota Cow Calf Conference
Planning Committee

North Dakota Range Research
Planning Committee

MEETINGS – EVENTS – 1986

J. L. NELSON

Attended legislative hearing on budget with NDSU official – Killdeer and Dickinson

Attended Beef Meeting with NDSU Animal Scientists – Bismarck

Attended 4 meetings with SUND-Dickinson Ag Advisory Board

Attended Froelich and Bock bull sales

Participated in TV program on “Preparing for Calving”

Participated in visit of DES by NDSU officials

Made video tape with Dr. Kris Ringwall, Jerry Linseth and Diana Ellis

Made TV tape with Dr. Pat Henning on use of ultra-sound for pregnancy testing

Attended SUND-Dickinson Ag Advisory Board banquet and open house

Participated in performance testing meeting with Dr. Kris Ringwall

Attended Branch Station get together with Mandan, Dickinson and Hettinger Stations

Assisted with Crops Field Day

Assisted with tour of Station by Russian ministers of Agriculture

Attended meeting in Bismarck with officials from Ethanol plant regarding use of Barley Distillers dried grain products

Attended Dickinson High School Ag Advisory Board Meeting

Attended Medora Beef Meeting

Attended meeting with Rangeland people in Fargo

Judge for FFA District Speech and Demonstration contest

Attended Ag Expo with Dr. LaDon Johnson

Assisted with Livestock Research Roundup

Toured Elanco Headquarters, Indianapolis and Greenfield, Indiana

Presented research proposal to ND Ag Products Commission in Bismarck

Attended Cow-Calf Conference – Bismarck

Conducted tour of Station for ND State Board of Higher Education members

MEETINGS AND EVENTS – 1986

D. G. LANDBLOM

- Attended Two Dickinson-Hettinger Advisory Board Meetings.
- Attended Swine Facility Planning Meeting with Station Staff, NDSU Administrative Staff and Mr. Walt Richtsmeier, Pres. ND Pork Prod. Council.
- Attended Precalving and Vaccination Seminar – Killdeer Veterinary Clinic.
- Attended Pesticide Re-Certification Meeting – Stark/Billings Co.
- Attended Branch Station Tour of ARS Research Center, Dickinson Experiment Station and the Hettinger Experiment Station
- Assisted Dr. Pat Hemming, DVM, while he demonstrated Bion Corporation’s “Sonoscope” for early pregnancy determination.
- Attended Visiting Russian Agricultural Scientist Meeting at the Dickinson Expt. Station and tour of Art Ridl farm.
- Attended Annual Carrington Irrigation Station Field Day.
- Attended NDSU-NDSA Cow/Calf Conference Planning Meeting.
- Attended NDSU-NDSA Cow/Calf Conference and presented paper.
- Assisted Dunn Co. Agent, Laverne Linnell with Land Judging Contest held at the Dickinson Expt. Station.
- Attended Medora Marketing Seminar.
- Attended Monthly and special meetings of the Dickinson Area Chamber of Commerce Ag. Committee.