



December 1969

Dear Former Agronomists at NDSU,

This is the third annual Christmas letter from Agronomy, NDSU--the letters seem to be appreciated so we will try another in 1969. We hope that you will find it interesting and bring you up-to-date on happenings at NDSU as we know them--I'm sure we do not keep up with everything here. Last years letter brought some interesting and appreciated responses from you too, some current addresses, photos of families, etc. and we hope that you will continue to respond as we like to hear from you and your progress. We especially like to have you stop and visit us as you pass nearby so please do even if only a few minutes.

Change continues here as everywhere--hopefully progress also. Dr. Laurel Loftsgard was inaugurated April 11, has completed nearly two years as president, and NDSU appears to be running smoothly. Two new Vice-Presidents have been appointed. Dr. Ken Gilles is now Vice-President for Agriculture and Mr. Don Stockman is Vice-President for Business and Finance. Dr. David Worden had been appointed Vice-President for Academic Affairs last year you may recall. NDSU registered approximately 6700 on campus students in the fall quarter. The Bottineau School of Forestry has become an official part of NDSU now I believe.

North Dakota farmers harvested the second largest crop in history, i. e., second only to 1968, and it would have been the largest in history except for acreage reduction from 1968. Apparently over 100,000,000 bushels of durum wheat will be produced with excellent yields of most all crops. North Dakota is now second in production of oats which again stimulates the question "should we have an oat breeder or are our neighbors providing a generous supply of oat varieties"? 1969-70 may be a year when we do not release any new crop varieties although our breeders have some very fine experimentals of barley, durum, hard red spring wheat, and corn inbreds at advanced stages of testing. Due to rapid increase, over 2,000,000 bushels of Waldron wheat released last year will be available for seeding in 1970.

Our staff personnel probably has changed more than in many years. Dr. Ken and Maxine Lebsock left Fargo to join the Wheat Investigations staff at Beltsville, Md. We greatly regret the departure of a great plant breeder and a fine family but we hope that this change will be an advancement for Ken. The Lebsock's have become part of the "Atlantic Coast City" and their address is found in the alumni list. Dr. Robert and Delight Bothun also departed as Bob joined the Control Data Corporation of Minneapolis. We saw the Bothun's at the Flax Institute and Bob says he is doing what he has wanted for a long time and very happy in his work. We wish them luck too!

Dr. James Quick and wife Rosemary (native of England) have joined our staff as state durum breeder--Jim is NDSU graduate and native of Starkweather who was sorghum breeder for Rockefeller Foundation in India for 3 years. Dr. James Hammond, recent Ph. D. graduate of Nebraska and wife Donna have joined our staff as flax breeder and teacher of population genetics and advanced experimental design. Jim has had several years practical counseling experience in Illinois and Nebraska computer labs. Dr. John Erickson and wife Bonnie left sunny California and rice genetics to become our first hard red winter wheat breeder Feb. 1, 1969. Dr. Alan Dexter and wife Frances joined the NDSU staff March 1, 1969 as Extension-Research specialist in sugar beet weed control. Dr. Richard Hodgson and Dr. Richard Shimabukuro, plant physiologists at the USDA Metabolism and Radiation Laboratory became adjunct Assistant Professors in Agronomy July 1, 1969. Soon, it appears, Dr. H. R. Lund will become Assistant Dean and Director of Agriculture. We will miss Hartvig and hope that high administration does not use him up too fast. You will notice rank promotion for Ebeltoft, Lucken, Froberg and Maan. I am hoping that a good instructor of beginning Agronomy can be found to replace Dr. Lund and help Cal Messersmith teach Agronomy 103.

Technicians Leslie Knudtson, Gary Stuhr and Merle Knodle, resigned their positions to take other jobs; Alvin Zaeske transferred to technician in Agricultural Engineering; and Kerman Alm resigned to become USDA Technician for Dr. Timian, USDA Plant Pathologist. Sigurd Odegard replaced Knodle, Dennis Stoen replaced Stuhr, James Liedahl replaced Knudtson, Garret Van Watermilien replaced Zaeske, and probably Larry Wegner will replace Alm so we have good replacements for these men. Harold Hickel has become a new state technician with Dr. Quick in durum project. Ann Pruszynski has replaced Betty Thompson secretary as Betty moved with her husband to St. Cloud. We are apprehensive that Gene Arnold will soon be leaving for a new job and taking Sharon with him--we will certainly miss Sharon!

Another personnel change around NDSU of possible interest to you is retirement of Dr. Flor but believe that he continues to work as usual.

Students completing degrees were doctorates: Manuel Navarro, Melvern Anderson, Albert Frank, Lenat Hofmann, Elham Talaat, and M.S. degrees were Charles Habstritt, Neil Riveland, Charles Smith, Dwight Kanter, Duane Berglund, Hank Chu, Andres Truegas, Mohammad Noory, and Herbert Ohm. New graduate students are Sylvan Addink, Erol Alkus, Yusuf Ergun, Abdul Gomaa, Joel Janke, Uriel Maldonado, Marvin Mattson, Allen Mann, Mohammad Mekni, Mrs. A. Gomaa, Ken Rogers, Sakhidad, Soon Park, Tesfaye Tesemma, Hugo Vivar, and Ruth Ann Lawn.

Guest scientists departing were Dr. Colin Law, NSF Senior Foreign Scientist Fellow, Mrs. Law and Kathryn from Cambridge University, England, about June 1, 1969, and Mr. and Mrs. Kosta Gotzov, Bulgaria, wheat research scientist about August 1969. Dr. Ahmed Mohktarzadeh, his wife and child, Fulbright Fellow from Iran arrived in Sept. 1969, for a years work in wheat genetics.

The Agronomy Graduate Wives group continues to meet monthly with about 20 members. They continue having interesting programs, socialability, and present gifts to departing wives.

Probably most of you know that NDSU has had another successful football season with maybe the best team yet. Saturday, Dec. 13, NDSU beat University of Montana, 30 to 3, in the Camellia Bowl at Sacramento, California. Since California is 2

hours later and TV coverage delayed starting of the game, many of us were almost late to the Agronomy Christmas party in the Union, Dec. 13, attended by over 110 agronomists and wives. I believe even more people attended the picnic at Oak Grove in the fall but this group included quite a few smaller dependents. Dr. Lund and the corn crew again provided roasting ears of Illinois Supersweet for the picnic.

Our staff continues to travel widely in their work. Dr. Foster, Dr. Lucken, Mr. Ebeltoft, and others travel to Obregon, California, Arizona, etc. to produce southern nurseries, various types of seed increase, etc. Dave now has a system of producing 3 crops in the field each year by seeding in California in August, harvest and on to Arizona in late November, and harvest and back to North Dakota in late April or early May. During the summer Dr.'s Peterson, Foster, and Schooler traveled to Pullman, Washington to attend and speak at the International Barley Genetics Symposium. In November, eight staff, about 10 graduate students and four undergraduate students attended ASA in Detroit. I believe only 6 technical papers were delivered by us this year but all were well received. Dr. Lund and Calvin Messersmith again contributed topics in the Resident Education section. Five staff and five students represented NDSU at the NC Weed Control Conference last week with several papers presented. Several technical papers have been prepared for publication again this year but not enough. Many of you still should prepare your thesis (or research if on campus) for publication or it remains unrecognized and benefits little except for a short period here. Agronomy Journal publication rates increase soon and significantly, so now is the time to write that publication on your thesis!! Set a goal of writing and completion by March 1, 1970, and surprisingly, you will probably reach that goal.

Speaking of travel, we have had many visitors again this year. In late June 23 Frenchmen of the organization in France called SYNPRODUR visited us to learn everything possible about durum wheat. These men were here for two days overlapping our annual Spring Wheat Workshop. Many Wheat Trade Teams visited during the year too, bringing the total to over 50 teams in the last 8 or 9 years since the N. Dak. State Wheat Commission was established. Much North Dakota hard red spring and durum wheat was sold to Japan, Italy, France, and other countries last year though so perhaps the trade teams assist in sales. Many other foreign visitors came during the year especially those visiting our barley program enroute to or from the International Barley Genetics Symposium. In late August Dr. Dean Whited, and Mr. Hollis Omodt of Soils, assisted with a Cornell University tour of graduate and undergraduate students. These students toured the Red River Valley Saturday, August 23, stayed in the Farm House Fraternity over Sunday and traveled with Dr. Whitman, Dr. Whited, and Mr. Omodt to the Dickinson Station Aug. 25. The Dickinson Station personnel hosted the Cornell tour to a buffalo burger et al. picnic and all the sights in Medora the evening of August 25, prior to trip continuing to S. Dak. and Nebraska the next day.

Several large "workshops" add to the department load during the year. The third Spring Wheat Workshop for HIARA (Hail Insurance Adjustment and Research Association) was held in late June with attendance from 7 or 8 states (and another in demand for 1970), a Barley Workshop for HIARA in mid-July, the 13th Annual Seed Trade Short Course Dec. 17, 1969, etc. Dr. Robert Busch, Frank Salvesson and Joel Janke continued the "hail injury to wheat" study at Fargo, Dickinson and Carrington with one more year to go. Considerable evaluation and application of data from these experiments remains to be accomplished.

The "campus" continues to change. Waldron Hall is completed except for furniture and equipment in 5 laboratories. An addition to Pharmacy is about finished. The large new Fieldhouse and married student housing on the old fairgrounds have progressed well this year but probably are several months from completion. Some "temporary" trailers have been erected north of the two High Rise dorms to house the overflow of undergraduate students. Forty acres of new land for research purposes is pretty well developed north and west of poultry plant for agriculture use. We will find out how variable it is in 1970 no doubt! Despite the "big snow" and wide Red River in spring, we had no flooding of land at Fargo and seeded earlier than usual because of little frost in soil. Two downpours in early July caused much lodging of grain at Fargo and severe flooding of the Dalrymple Experimental Plot at Casselton.

Still "on campus" the Legislature arranged that all schools now on quarter system could continue, so NDSU is still on quarter system, but a thorough curriculum evaluation occurred in process. "Culture" continues on campus and in Tri-College system with many good plays in fine new Askanese Hall, at MSC and Concordia. The Spectrum gets bigger, probably somewhat more controversial, certainly more comprehensive and a better paper. Some students are serving on many faculty committees, in University Senate, etc.

As time passes rapidly, the research production and teaching results of our fine, mostly young, staff and their students, increases in quantity and quality earning the recognition of other agronomists here and around the world. Perhaps the real test of our progress is the apparent and stated approval and respectful recognition of our agronomic colleagues here and worldwide as we publish, speak at national and crop conferences, accept and give courteous attention to visitors or are tested by our critics here at home.

We wish you a Merry Christmas, a Happy New Year and success and satisfaction in your work. Let us hear from you and of your achievements, changed addresses, recent photos, etc. Please stop to visit as you may pass nearby.

Sincerely,

*Jack F. Carter*

Jack F. Carter  
Professor and Chairman

AGRONOMY STAFF, 1969

J. F. Carter, Professor and Chairman  
D. A. Whited, Ass't Prof., Soybean Genetics  
L. A. Jensen, Professor, Extension, Crops  
L. W. Mitich, Assoc Prof., Extension, Weed Control  
A. G. Dexter, Ass't Prof., Extension, Weed Control, Sugar Beets  
R. H. Busch, Ass't Professor, Wheat Genetics  
C. M. Swallers, Ass't Prof., Speciality Crops  
J. D. Nalewaja, Assoc Prof., Weed Control  
K. L. Larson, Assoc Prof., Forage Crops  
Wm. Wiidakas, Assoc Prof., Corn Breeding  
Karl Lucken, Assoc Prof., Hybrid Wheat  
J. S. Quick, Assoc Prof., Durum Wheat Breeding  
A. E. Foster, Assoc Prof., Barley Genetics  
G. A. Peterson, Professor, Barley Breeding  
G. S. Smith, Professor, Graduate Dean, Wheat Breeding  
R. C. Frohberg, Assoc Prof., Wheat Breeding  
N. D. Williams, Professor, Wheat Genetics (USDA)  
P. C. Sandal, Professor, Forage Crop Breeding  
J. R. Erickson, Ass't Prof., HRW Wheat Breeding  
A. B. Schooler, Assoc Prof., Barley Cytogenetics  
S. S. Maan, Assoc Prof., Hybrid Wheat  
H. R. Lund, Assoc Prof., Corn Genetics, Production  
Calvin Messersmith, Instructor, Weed Control  
D. C. Ebeltoft, Assoc Prof., Seedstocks  
J. J. Hammond, Ass't Prof., Flax Breeding  
L. R. Joppa, Ass't Prof., Durum Genetics (USDA)  
A. R. Bell, Instructor, Weed Control  
R. H. Shimabukuro, Ass't Prof., Plant Physiologist (USDA)  
R. H. Hodgson, Ass't Prof., Plant Physiologist (USDA)

\*\*AGRONOMY GRADUATE MAJORS, 1968-69

Amaya, Arnoldo - RF, Mexico  
Arnold, Eugene - NDEA  
Berglund, Duane - NDEA  
Collins, Donovan - GRA  
Kanter, Dwight - NDEA  
Messersmith, Calvin - Staff - NDSU  
Nelson, Lenis - NDEA  
Tunio, Ilyas - Ford, West Pakistan  
Nowatzki, Robert - Self-supported  
Ateshi-Rang, Ghassem, FAO, Iran  
Mahlooji, Taghi, FAO, Iran  
Bergman, Jerald, Self-supported  
Bernhardson, Edmund, Self-supported  
Chatha, M. Q., Ford, Pakistan  
Schou, J. Bertel, GRA  
Tirmazi, Safdar S., Ford, Pakistan  
Rogers, Kenneth - GRA  
Mekni, M. S. - AID, Tunisia  
Bahl, Prem - RF, India  
Bell, Allyn - Staff, NDSU  
Perry, Lawrence - GRA  
Neidermyer, Robert - NDEA

AGRONOMY GRADUATE MAJORS, 1968-69

Porter, Owen - NDEA  
Salveson, Franklin - Self supported  
Weeraratne, Hector - RF, Ceylon  
Wisneski, Gary - GRA  
Hsieh, Rossana - GRA, Taiwan  
Lin, Chyi Jiin, Self-supported, Taiwan  
Miller, Stephen, NDEA  
Mann, Herbert, Self-supported  
Addink, Sylvan, NDEA  
Alkus, Erol, RF, Turkey  
Ergun, Yusuf, RF, Turkey  
Gomaa, Abdul, RF, Egypt  
Gomaa, Enayat (Mrs.), self-support, Egypt  
Janke, Joel, NDEA  
Maldonado, Uriel, RF, Mexico  
Mattson, Marvin, GRA, (THEMIS)  
Mekni, Mohammad, AID, Tunisia  
Sakhidad, AID, Afghanistan  
Tesemma, Tesfaye, RF, Ethiopia  
Vivar, Hugo, GRA, Ecuador  
Lawn, Ruth Anne

\*\*Native unless foreign student indicated; RF, FAO, AID or Ford = Rockefeller, Ford, etc. Fellows; NDEA = National Defense Education Act Fellow; GRA = Graduate Research Assistant.