



1967

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Dear former agronomists at NDSU:

I have been planning this letter for several years and almost got past the thinking stage last year (in fact Miss Kastet started to list some names and addresses). Now with Olga and Joleen erecting and decorating the Christmas tree in Walster 204, it is "write now" or another year is lost. We hope that this letter will be of interest to you or at least worth the postage if not the work on the contents. Let us know if you like it or no, have some additional news of interest "from the outside", wish to notify us of a change in address, someone we might have omitted unintentionally, etc. We will try to get this letter to former undergraduate majors next year but do not have complete lists or their addresses or present jobs this year.

1967 was a year of growing season drouth in North Dakota but because of a plentiful supply of subsoil moisture and a very cool growing season, or without long periods of heat stress, crop yields were very good and crop quality was probably the uniformly best in recent crop history. The year continues dry and Indian Summer weather prevails into early December as this letter is written with bright sun and day temperatures over 50°.

1967 may be remembered also as the year of Red River 68 semidwarf wheat, of Triticales and the announcement from our friends in Manitoba of plastic-coated spring wheat and other "spring" seeds for fall seeding in this north-land. It was also a year of a 9-0 win-loss record for the NDSU Bison and a trip to Pecan Bowl to play University of Texas at Arlington, Dec. 16. Changes of staff have occurred or are pending--probably most notably the announced resignation of President Albrecht who will join the Ford Foundation about Feb. 1, 1968.

Other staff changes have occurred also. Dr. Robert Busch joined Agronomy to research HRS wheat genetics. Allyn Bell has taken Instructor position to work with Nalewaja & Schooler on USDA grant pertinent to cytotaxonomy of 4 important weeds and their ecotypes. Dr. Lewis Edwards left to become cereal crops breeder at Oklahoma State and has been replaced by Dr. Leonard Joppa on durum genetics--both USDA. Rose Meronuck left with Dick who is working on Ph. D. in Plant Path. at Univ. of Minn. and has been replaced by Kathleen Strander. Adele Moll (Grosz) also left with her husband and is replaced by Virginia Lundberg. New technicians are Lyle Lindberg and Merrill Knodle. Some staff changes also have occurred in Plant Path and Botany.

In Agronomy, research and teaching continues with about 35 graduate students as shown on the list. Six M. S. and 5 Ph. D.'s received degrees in 1967. The winter cereal nursery at Obregon, Mexico, continues with four staff, Froberg, Lucken, Foster and Carter there parts of last March and April. Dr. Carter also was in Washington, D.C., in June to serve on the evaluation panel for NDEA Ph. D. Program Applications in Agriculture and Biology.

Our staff and that of adjacent states continues to be productive with 5 probably new varieties under increase in Arizona and Texas this winter. These are a flax and HRS wheat from NDSU, and a flax, a wheat, and soybean from Minnesota, and a new named wheat from Mexico. Mr. Ebeltoft also grew a late summer-early fall crop near San Diego, California, planted from August seed harvest in North Dakota. This California crop was later harvested and planted in Arizona in late November to provide 2 "winter" crops in the southwest or 3 crops in the field each calendar year. Other research progress continues in the various projects, e.g., wheat, barley, weed control, etc. Dr. Schooler's publication of cytoplasmic male sterility in barley was a significant first.

Some new programs or services brought many visitors to Agronomy. A Spring Wheat Workshop in June for hail insurance adjustors attracted an overflow registration for 2 days and was very successful. The North Central Weed Control Conference in December was attended by over 500 from a wide area with Dr. Nalewaja, Mitich et al. in charge of local arrangements.

Approximately 61 foreign visitors from 14 different countries were remembered as visitors to Agronomy for various periods of time in 1967. A busload of Australian farmers visited for a short time. Alberto Chabrillon of Argentina and Dr. S. P. Singh of India worked with our staff mainly in wheat and barley improvement for about 6 weeks. Others worked with our staff for several days including Dr. John Gibler of the Rockefeller Foundation with 3 Tunisian officials.

The staff, students, secretaries, et al. still see each other at afternoon coffee and at "coffees" for departing graduate students. More than 100 "agronomists" attended the picnic, Aug. 31, and the Christmas party in the Student Union, Dec. 8.

Some indicators of progress or expansion in the last year have been obtaining an \$87,000 4-year USDA Grant on cytotoxicity of 4 important weeds which resulted in the employment of Allyn R. Bell on the staff and Dr. Sultanul Alam as a Postdoctoral Fellow for one year. Grant funds for chemical weed control have continued and new grant funds for control of weeds in sunflowers are expanding. All preliminary project details and approval are completed also for a Grant on simulated hail injury in HRS wheat under Dr. Busch's direction.

Dr. Ken Larson was named Teacher of the Year in Agriculture at NDSU and Dr. Carter was made a Fellow of the American Society of Agronomy at the annual conference in November. Students and staff presented 6 papers at the Agronomy meetings which were highly commended by their agronomic associates


at the meetings. Several papers were presented at the recent North Central Weed Control Conference in Fargo by NDSU students and staff. Dr. Lund and Lars Jensen prepared a publication "How Cereal Plants Grow" for the course they teach at the Summer Extension Conference which has been highly acclaimed by County Agents, Vo-Ag. instructors and others in North Dakota, and was selected for display in the New Book section of the annual Agronomy meetings in November. The new Agronomy 103 Lab Manual also has been commended by many in Agronomy resident instruction. The Wheat Monograph of ASA also was published containing the Chapter on Wheat Breeding by Dr. Heyne of Kansas and Dr. Glenn Smith of NDSU.

Unfortunately, our publication of important and significant data in theses and annual reports is too slow and far behind--some of it will remain buried and hidden forever unless we set some earlier publication goals.

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
Professor and Chairman

AGRONOMY STAFF, 1967

H. R. Albrecht, Prof., and Pres., NDSU
L. A. Jensen, Professor, Extension
L. W. Mitich, Assoc. Prof. Extension
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
Um. Wiidakas, Assoc. Prof., Corn Breeding
Karl Lucken, Ass't Prof., Hybrid Wheat
K. L. Lebsock, Prof., Durum Wheat Breeding (USDA)
A. E. Foster, Assoc. Prof., Barley Genetics
G. A. Peterson, Prof., Barley Breeding
G. S. Smith, Prof., Grad. Dean, Wheat Breeding
R. C. Froberg, Ass't Prof., Wheat Breeding
N. D. Williams, Prof., Wheat Genetics (USDA)
P. C. Sandal, Prof., Forage Crop Breeding
A. B. Schooler, Assoc. Prof., Barley Cytogenetics
S. S. Maan, Ass't Prof., Hybrid Wheat
H. R. Lund, Assoc. Prof., Corn Genetics, Production
Calvin Messersmith, Instructor, Weed Control
D. C. Ebeltoft, Ass't Prof., Seedstocks
R. E. Bothun, Assoc. Prof., Flax, Soybean Breeding
Leonard Joppa, Ass't Prof., Durum Genetics (USDA)
Allyn R. Bell, Instructor, Weed Control
J. F. Carter, Prof. and Chairman

AGRONOMY GRADUATE MAJORS, 1967-68

Amaya, Arnaldo - RF, Mexico
Arnold, Eugene - NDEA
Bajwa, Manzur - RF, West Pakistan
Berglund, Duane - NDEA
Collins, Donovan - GRA
Habstritt, Charles - GRA
Huemoeller, William - GRA
Kanter, Dwight - NDEA
Messersmith, Calvin - Staff - NDSU
Navarro, Manuel - RF - Mexico
Nelson, Lenis - GRA
O'Hare, Thomas - GRA
Panth, Mahesh - AID - Nepal
Riveland, Neil - GRA
Smith, Charles - not finished R status
Tunio, Ilyas - RF, West Pakistan
Widner, Jimmy - NDEA
Nowatzki, Robert - Self-supported

AGRONOMY GRAUDATE MAJORS, 1967-68

Anderson, Melvern - NDEA
Bahl, Prem - RF, India
Bell, Allyn - Staff, NDSU
Chu, Hsian-Tzer (Hank) - AID, Taiwan
Frank, Albert - NDEA
Hofmann, Lenat - NDEA
Truegas, Andres - RF - Mexico
Kaveh, Hossein - RF - Iran
McGuire, Charles - NDEA
Neidermyer, Robert - NDEA
Noory, Mohammad - AID - Afghanistan
Ohm, Herbert - GRA
Porter, Owen - NDEA
Salveson, Franklin - Self supported
Talaat, Elham - RF - Egypt, UAR
Weeraratne, Hector - RF, Ceylon
Wisneski, Gary - GRA
Anderson, Virgil - Self-supported