

January 23, 1981, for 1980



Dear Former Agronomists at NDSU, and families,

I am starting this letter late, as usual it seems, but also it will not get mailed for a few days and some of you in foreign countries will not get it for several weeks in some cases. Sorry about that! We have been busy as usual and more than the usual family relatives visiting at Christmas which slowed up work while taking some vacation and prevented my starting on this letter too. Also, in late November Mrs. Carter and I visited many former students in Mexico at their annual Christmas NDSU reunion, and I lectured on U.S. Wheat Grading Standards to about 65

scientists and administrators of INIA, CIMMYT and CONASUPO at CIMMYT headquarters in El Bataan near Chapingo. Our friends in Mexico were very nice and hospitable to us. At the November 29 NDSU reunion dinner, I showed a slide set about NDSU developed by the NDSU Alumni Association and NDSU Development Foundation. The following were at the dinner: Dr. and Mrs. Uriel Maldonado and son Rene, Dr. and Mrs. Andres Inuegas, Dr. and Mrs. Manuel Navarro, Dr. and Mrs. Hugo Uivar, Dr. Eva Villegas, Dr. and Mrs. Javier Salinas, Ing. Sylvestre and Lily Espino (Sylvestre was our first M.S. student from Mexico), Dr. Arnoldo Amaya (no Mrs. yet). Also, we saw Mrs. Javier Simental and one of their sons, and Hector Haro-Arias to come to NDSU soon. We returned to Fargo November 30 and I went to ASA meetings in Detroit the next day. I saw many former students there including Dr. Gomaa from Egypt who informed me that Dr. Elham Talaat had died about 3 months ago after persistent illnesses.

Dr. Roald Lund visited Norway on a wheat marketing tour in November, 1980, and met the first M.S. to graduate in Agronomy, Erling Strand, a student of L.R. Waldron's.

The Agronomy faculty and graduate student group continue to change. Dr. Rollie Sears left us in late spring to go to Kansas State University to lead the hard red winter wheat breeding program there. Dr. Paul Sebesta from Oklahoma replaced Dr. Sears. Dr. Larry Mitich, weed science extension specialist, that most of you remember left us for University of California, Davis, after 17 years at NDSU. A September departure party for Larry and Charlotte Mitich in the Memorial Union was attended by many campus people and others. Now, very recently, Dr. James Quick has decided to go to Colorado State University as hard red winter wheat breeder so we are working to find a good replacement for Jim. We regret losing these good agronomists and their families but others will profit from the education we give them at NDSU! Galen Schroeder has about completed his Ph.D. and has taken a job here in Fargo with Mobay Chemical. Merle Skunberg, long time technician with Dr. Foster transferred to Cereal Technology during this year and his replacement, Arlo Thompson, has since taken a job with Seed Tec (formerly Pacific Oilseeds) and has been replaced with Steve Ellefson. Jarvis Brosz has transferred to Dr. Parfitt as technician in the project breeding bird resistant sunflower and, Wilma Dunford has taken a technician position with Dr. Williams on temporary funding. Also, Tammy Nelson joined the department as Clerk Typist, since promoted to Secretary I.

Dr. Ken Grafton has joined Agronomy, NDSU, as a postdoc Research Associate in dry bean breeding with Dr. Sandal. We will be expanding this project either in its present form or via significant new funding from this 1981-83 Legislature. Dry bean production is expanding rapidly in North Dakota and is an important economic crop. Dr. William Donald has returned to NDSU as Research Agronomist in USDA to be associated with Agronomy in weed control in small grains. Dr. Franckowiak has been successful with a competitive grant proposal in barley cytogenetics and we are now seeking a postdoc research associate in that area. Dr. Endo now working as a Research Associate with Dr. Maan may work with Dr. Franckowiak for a short time prior to returning to Japan.

We were saddened by the death of both Clarence Swallers and William (Bill) Wiidakas during this past year. Both Bill and Clarence had been retired about 10 years. Earlier a couple of years ago, I had arranged with approval of NDSU Administration that the Corn Seedhouse be named Wiidakas Laboratory in honor of Mr. Wiidakas. Also, as I mentioned earlier, we learned of the death of Dr. Talaat from Dr. Gomaa of Egypt.

Agronomy physical facilities continue to change. We have carpeted the library and the main offices and conference room, and installed a "private office" carrel system for the secretaries. Eileen Buringrud is now Secretary III "in charge" and Janet Matzek has become full time bookkeeper as a Clerk III. Elaine Dobrinz has moved to Eileen's position as Secretary II, Tammy Nelson to Elaine's former position as Secretary I, Ginny Levenson continues as Extension Secretary I, and Pat Olson and Pam Odegaard are Clerk Typists. We have connected to the computer in a "pilot program" with one terminal and printer which Pat Olson is operating most of the time with others training too. This latter facility will be used like a "word processor" for scientific papers, reports, grant proposals, and many other things that Dr. Hammond, Dennis Rasmusson and the secretaries have learned how to use, including the typing of the personnel list and alumni list of this letter. We hope that this equipment will be a big time and labor saver.

Also, central air conditioning and new thermopane windows have been installed in Walster Hall this fall and winter so we hope Walster will be more comfortable as a work site next summer if the AC works. Further, the new library addition has been completed, new greenhouses west of Agronomy greenhouses are being completed, and construction has started on a new music building. We have rented 40 acres of more uniform research land (we hope) about 25 miles from Fargo and the Experiment Station is seeking another 160 acres of land to buy for plant and soils research.

Agronomy graduated 9 M.S. degrees (Duane Flom, Pat Fuerst, Greg Gillespie, Barry Nagle, Ben Nelson, Duane Rathmann, Vafa Kamali, Eke Onuoha and Pauline Zekeng) and 8 Ph.D.'s (David Chandler, Roy Johnston, Allan Mann, Zeno Wicks, Hosseinali Rubani, Hossein Sayfikhari, Seiichi Tsuji, and Tom Wilson) listed in the 1980 Commencement program. Since Commencement and prior to writing of this letter Sufi Ahmed, William Niehaus and Alfonso Palafox have completed Ph.D.'s and Arron Guenzi and Arlo Thompson have completed M.S. degrees.

At beginning of the Fall Quarter we had 69 graduate students on campus or pending completion of their degree off campus on the job elsewhere. A few of those have completed and left but others have arrived as you will notice on the list. We have many new students this year as GRA's were replaced or new foreign students arrived. New students since Fall, 1979, are Jose Bravo from Nicaragua, Tom Carlson, Michael Cagley, Mohsen Chitsaz (jointly in Horticulture), Koutouan Djava and Komenan Jouame from Ivory Coast, Hector Esparza from Mexico, Tom Frappier, Lester Graftstrom, Nicholas Haugerud, Karen Hilgedick, Barrett Johnson, Anna McClung,

Syed Mehdi from Pakistan, Dean Reynolds, Rene Scoresby, Tom Snyder, Kevin Staska, Donald Weed as Research Assistant, William Wells, and Joe Zawierucha. Dale Wells, Chris Branson of Australia and Jesus Cedeno from Venezuela have joined Agronomy in the Winter Quarter.

We had many foreign and other visitors to the campus in 1980. One outstanding visitor whom many of you know was Dr. Norman Borlaug. Dr. Borlaug spent about 4 days in Fargo-Moorhead lecturing on the campus, to the C-400 club, and to a national conference of the Outstanding Young Farmers of America. He gave a general lecture on Food and Population issues at NDSU and another lecture in Agronomy on training plant and soil scientists to serve in world agricultural research. Also, we had 8 Wheat Trade Teams from foreign countries and many other individual visitors.

Enrollment at NDSU has increased to over 6000 and majors in Agronomy are increasing on account of the many good job opportunities for agronomists. Our crop year was not too good because of early drought in this area followed by some damaging rainfall in the northeast in late summer to complicate the harvest and sprout a lot of grain. The BISON continued to be an interesting football team but did not win the conference.

Our faculty continue to receive some outstanding awards. Dr. S. S. Maan received the Crop Science Award from the Crop Science Society of America in December at Detroit. Dr. Halewaja received an Honorary Membership in the North Central Weed Control Conference. Also, we received a second Academic Excellence Award of \$6000 from the Dupont Corporation primarily for our weed control science program in research, teaching and extension. We are releasing new varieties of hard red spring wheat, flax and pinto beans effective January 29, 1981. Dr. Franckowiak was successful in a competitive grant proposal to USDA dealing with barley cytogenetics.

Many of you have commented in your letters or cards about our Christmas party and Agronomy fall picnic. The party was December 19 at the Edgewood Inn in north Fargo with about 110 attending. Dr. Quick was MC and an "evening news team" program was presented by John Jones, Mike Cagley and Karen Hilgedick. The fall picnic September 4 at Oak Grove was attended by about 150 people, including some foreign visitors, with Dr. Cross supplying usual Illinois Supersweet corn.

As the time passes rapidly, the research production and teaching results of our fine, mostly young, staff and their students increase in quantity and quality, earning the recognition of other agronomists and weed scientists here and around the world. I sincerely believe we have made a very good impression on all our native and foreign visitors in the past year, especially those coming to NDSU for the first time. The reception and reaction to scientific papers from our staff and students at the ASA meetings in Detroit and recent North Central Weed Control Conference, Omaha were outstanding as usual. Probably 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 crop and weed conferences everywhere, accept and give courteous attention to visitors, or are tested by critics here at home. Again I invite and urge you to prepare theses results for publication, if you have not, to bring recognition to yourself and Agronomy, NDSU.

We hope that you had a Merry Christmas or other holiday season, and will have a happy, healthful and successful 1981. Let us hear from you and of your achievements, changed addresses, recent photos, etc. Many of you sent cards recently,

some with photos; please keep the photos coming! We would much appreciate photos of you and your family. And, please stop to visit us as you pass nearby. If we do not have your current, correct address, please supply to us, and of address changes as occur.

Sincerely,
J. F. Carter
J. F. Carter
Professor and Chairman

AGRONOMY FACULTY, 1980

J. F. Carter, Professor and Chairman
W. Larry Alexander, Research Associate, Corn Genetics
W. S. Ball, Extension, Crops
R. E. Barker, Adjunct Professor, Forage Crop Genetics (USDA, Mandan)
D. R. Berglund, Extension Crops
L. G. Campbell, Research Geneticist, Sugarbeet (USDA)
D. F. Cole, Adjunct Professor, Sugarbeet Physiologist (USDA)
H. Z. Cross, Assoc. Professor, Corn Breeding
E. L. Deckard, Assoc. Professor, Crop Physiology
A. G. Dexter, Assoc. Professor, Extension, Weed Science, Sugarbeets
W. W. Donald, Research Agronomist, Weed Science (USDA)
D. C. Ebeltoft, Professor Emeritus, Retired
Takashi Endo, Research Associate, Wheat Cytogenetics
A. E. Foster, Professor, Barley Breeding
J. D. Frankowiak, Assoc. Professor, Barley Breeding
R. C. Froberg, Professor, Wheat Breeding
K. F. Grafton, Research Associate, Dry Bean Breeding
J. J. Hammond, Professor, Flax Breeding
A. H. Jacobson, Research Associate, Weed Physiology
L. R. Joppa, Adjunct Professor, Res. Geneticist, Durum Genetics (USDA)
K. D. Kofoid, Ass't. Professor, Wheat Genetics
K. A. Lucken, Professor, Hybrid Wheat
H. R. Lund, Professor, Director, Experiment Station
R. G. Lym, Research Associate, Weed Science
S. S. Maan, Professor, Wheat Cytogenetics
H. A. Mann, Ass't. Professor, Seedstocks
M. S. McMullen, Ass't. Professor, Oat Breeding
C. G. Messersmith, Professor, Weed Science
D. W. Meyer, Assoc. Professor, Forage Crops
J. F. Miller, Research Geneticist, Adj. Prof., Flax and Sunflower Breeding (USDA)
S. D. Miller, Assoc. Professor, Weed Science
L. W. Mitich, Professor, Extension, Weed Science (Resigned October, 1980)
J. D. Nalewaja, Professor, Weed Science
D. E. Parfitt, Research Associate, Sunflower Breeding
J. S. Quick, Professor, Durum Wheat Breeding
W. W. Roath, Adjunct Professor, Research Geneticist, Sunflower (USDA)
P. C. Sandal, Professor, Forage Crop Breeding
A. B. Schooler, Professor, Barley Cytogenetics
A. A. Schneider, Assoc. Professor, Specialty Crops
P. G. Sebesta, Ass't. Professor, HRW Wheat Breeding
R. H. Shimabukuro, Adjunct Professor, Plant Physiologist (USDA)
C. S. Smith, Professor Emeritus, Retired
D. A. Whited, Professor, Soybean Genetics
N. D. Williams, Adjunct Professor, Wheat Genetics (USDA)

GRADUATE RESEARCH FELLOWS IN AGRONOMY

Donald Weed, Durum Wheat Breeding
Carol Somody, Weed Control
Kenric Johnson, Hybrid Wheat Seed Production

SECRETARIES, 1980

Eileen Buringrud, Secretary III
Janet Matzek, Clerk III
Elaine Dobrinz, Secretary II
Virginia Levenson, Secretary I, Extension
Tammy Nelson, Secretary I
Patricia Olson, Clerk Typist I
Pamela Odegard, Clerk Typist I

RETIRED

L. A. Jensen
T. E. Stoa
C. M. Swallers (deceased)
W. Wiidakas (deceased)
D. C. Ebeltoft
G. S. Smith

AGRONOMY GRADUATE MAJORS, FALL QUARTER, 1980

Sufi Ahmed - AID, Bangladesh
Ray Albrecht - Self support
Mark Anfinrud - GRA
Jose Bravo - LASPAU, Nicaragua
Tom Carlson - GRA
Michael Cagley - GRA
Mohsen Chitsaz - Self support, Iran
John Cramer - GRA
Diane Dancy - GRA
Koutouan Djava - Ill.-AID, Ivory Coast
*JUAN DOMINGUEZ - Self support, Spain
Harouna Dosso - AFGRAD, Ivory Coast
PATRICK DUHIGG - Self support
Soliman El-Sebai - Self support, Libya
J. Hector Esparza - CONACYT, Mexico
Richard Evans - GRA
Hal Fisher - Self support
Tom Frappier - Self support
LUIS GARCIA - Self support, Spain
Greg Gillespie - GRA
Homayon Chiasi - Self support, Iran
Lester Grafstrom - GRA
Arron Guenzi - GRA
WILL HARADA - Self support
Nicholas Haugerud - GRA
Karen Hilgedick - GRA
FREDERICK HOLBROOK - Self support
Margaret Hollenhorst - Self support
Barrett Johnson - Self Support
Burton Johnson - Self support
Kenric Johnson - Self support
John Jones - GRA
Costa Josephides - FAO, Cyprus
VAFA KAMALI - Self support, Iran
Daniel Kidder - GRA
Komenan Kouame - Ill.-AID, Ivory Coast
ROBERT LAW - Self support
JOHN LUKACH - Self support
Anna McClung - GRA
Frank Manthey - GRA
Syed Sadaqat Mehdi - Fulbright, Pakistan
James Melzer - GRA
BRUCE MONSON - Self support
Frank Moser - GRA
Adrian Moses - Self support
Jorge Moutous - Self support, Argentina
Barry Nagle - GRA
William Niehaus - GRA
Alfonso Palafox - CONACYT, Mexico
CHAZANFAR RASHID - IIE, Pakistan
Dennis Rasmusson - Self support
Dean Reynolds - GRA
Carlos Riede - IAPAR, Brasil
GALEN SCHROEDER - Self support
Rene Scoresby - GRA
Tom Snyder - GRA
Carol Somody - Self support
Kevin Staska - GRA
Muhammed Subhi - Iraq
Charles The - AFGRAD - Cameroun

Arlo Thompson - Self support
Curtis Thompson - Self support
Jean Tonye - AFGRAD, Cameroun
Donald Weed - Self support
William Wells - GRA
LES WRIGHT - Self support
Joseph Zawierucha - GRA
Pauline Zekeng - AFGRAD, Cameroun

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*CAPS = Not active on campus

ADDED IN WINTER QUARTER

Chris Branson - GRA, Australia
Jesus Cedeno - Self support, Venezuela
Dale Wells - Self support

TECHNICIANS AND OTHER CLASSIFIED, 1980

Ray Albrecht, sunflower-flax breeding
Robert Baumann, HRS wheat genetics
Jarvis Brosz, sunflower breeding
Kay Carlson, wheat cytogenetics
Wilma Dunford, wheat genetics
Eldien Edinger, durum wheat, USDA
Steven Ellefson, barley breeding
James Faller, HRS wheat breeding
Hal Fisher, oat breeding
Roger Genoch, barley breeding
Joan Gordon, wheat cytogenetics
Margaret Hollenhorst, durum genetics
Burton Johnson, crop production
Gerald Johnson, HRW wheat breeding
Dan Lerfald, durum wheat breeding
James Liedahl, hybrid wheat breeding
Lyle Lindberg, flax-soybean breeding
Carl Madsen, HRS wheat breeding
Wayne Norby, forage crops production
Dennis Rasmusson, sugarbeet weed control
Dale Rehder, sunflower breeding, USDA
Ronald Roach, weed control
Allen Schmidt, durum wheat genetics, USDA
Curtis Thompson, weed control
Duane Wanner, corn breeding
Garrett VanWatermulen, Motor Vehicle Mech. I