

January 20, 1983 for 1982



Dear Former Agronomists at NDSU, and families

I am starting this letter late as usual but it is more of a "news letter" now sent around January 1. Anyway it is helpful for us to receive some Holiday cards and news from many of you that we can pass along as new addresses, new jobs, etc. We will do that as you communicate with us. Also, keep the photos coming of your families, not enough of you do that--don't worry about the aging process, it happens to all of us if we are around. All of our 4 sons were with us at Holiday time too so I did not have spare time to write this letter. Eileen Buringrud, our Secretary IV, has put the staff and student list, etc. on the computer though so that part will be done faster than in the past.

We have had several faculty and staff changes in 1982 and some recruiting to do. In fact, part of the delay to prepare this letter was due to our interviewing people for Dr. Sebesta's replacement during the period between the December Agronomy meetings and the holidays. Dr. Schooler retired June 30, 1982, and that position has not been filled because of a "freeze" of such salary funds by the Governor. Dr. Sebesta left the hard red winter breeding position to take a job with Dr. John Erickson in HybridTech, the replacement for part of the DeKalb hybrid wheat program. We have filled that position with Dr. Darrell Cox to come to NDSU March 1, 1983. Dr. Allan Mann resigned as Seedstocks Leader, June 30, 1982, also, and after a long search we are fortunate to have Dr. LeRoy Spilde move into that position from the Agronomy Seed Farm. Dr. Spilde is yet to be replaced but a Search Committee will fill that job quite soon, I believe. Mary Hunter left as Extension Secretary and has been replaced by Betty Johnson. Dan Lerfald resigned as technician for Dr. Cantrell and is replaced by Jarvis Brosz, the latter having several years experience as a technician in Agronomy. Curtis Thompson, formerly technician in weed science, has moved to Minot as Assistant Agronomist of the North Central Experiment Station. Bob Wagner also left the Langdon Station so John Lukach was moved to Langdon as Superintendent, hence Curt replacing John at Minot. Dr. Larry Alexander left his Research Associate position here to become USDA wheat breeder at Montana State University, Bozeman. Graduate Research Fellows Kenric Johnson and Carol Somody took jobs with Sigco, Breckenridge, and CIBA-Geigy, North Carolina, respectively. Daryl Klindworth joined Dr. Williams' project as a USDA technician and M.S. candidate.

Some other people on campus known to several of you have retired or left. Lynretta has retired from the Graduate Dean's office; Mr. Witz retired from Ag. Eng. but still works some with Station building projects; Ann Winship resigned from the International Student Affairs Office and she has been replaced by Dr. John Lynch; and Dr. Rueben Heermann moved to Illinois when North Dakota was taken into the ARS, USDA, administrative region out of St. Paul (Dr. Ken Lebsock is Area Administrator in that office).

Agronomy graduated 14 M.S. and 5 Ph.D. candidates in May, 1982. M.S. students were John Cramer, Koutouan Djava, Harouna Dosso, Tom Frappier, Les Graftstrom, Burton Johnson, John Jones, Costa Josephides, Daniel Kidder, John Lukach, Frank Manthey, Adrian Moses, Jean Tonye, and Vincent Ulstad. Dosso, Graftstrom, Johnson, Manthey, Moses and Tonye are continuing for the Ph.D. here. Ph.D.'s graduated were Pat Duhigg, Luis Garcia, Homayon Ghiasi, Greg Gillespie, and Carol Somody.

Agronomy had 71 graduate students in the Fall, 1982. A few such as Juan Dominguez, Rick Holbrook, and Rashid were removed from the inactive list although they might resume their studies here some day and finish their Ph.D. degree. We would be pleased to help them "start up again" if they desire. New students since last year (U.S. citizens unless foreign country

added) are Phil Bruckner, Ken Carlson, Steve Carlson, Allen Faue, Tom Fetch, Daryl Klindworth, David Nicolai, Diana Roberts (Zimbabwe), Robert Ryan, Tim Ulrich and Tom Volk. We had fewer new students from foreign countries than usual because of worldwide depressed economic conditions, I believe.

We had many foreign and other visitors visit the campus in 1982 especially plant breeders to our various plant breeding projects. We have had Trade Team visits from Algeria, United Kingdom, Israel, Venezuela, Peoples Republic of China, and three from Japan. One of the Japanese teams was on barley, and probably more barley teams will come if our barley levy passes the Legislature and a "Barley Commission" is set up similar to wheat to promote barley marketing and development. Mrs. Carter and I visited Obregon, Mexico, and our winter nurseries enroute to Guadalajara to present another lecture on Wheat Grading to a Latin American conference on wheat and grain marketing. We met Greg Vasquez and family and also Hugo Vivar at Obregon and many other CIMMYT and INIA folks who work at Obregon for at least part of the year. The Vasquez's had a group at their home one evening for dinner, and Hugo took me along fishing with him for a short time one evening. Dr. Carl Johnson of California Rice Cooperative, Biggs, CA, helped organize an NDSU Alumni party at the ASA meetings in Anaheim in late November, actually November 30. Carl convinced us to call this a Blizzard Party and it was a success. Sixty people from 17 states and one Canadian province plus those from NDSU attended which are listed here for your information. Carl also arranged complimentary packets of brown rice, and smoked almonds for snacks. We showed a copy of the current NDSU Alumni Foundation slide and tape show which was well received although not containing much about agriculture in North Dakota or at NDSU. Dr. Foss, the new Chairman of Soil Science, and several folks from Soils attended the Blizzard Party as you may notice if not all the names are familiar. The NEXT Blizzard Party is planned for the 1983 ASA meetings in Washington, D.C., in August--people will be seeking a cool spot, eh?--Perry Cregan will help coordinate. You will hear from Perry and/or me later on time, place and other arrangements. The 9-11 p.m. time seemed to work well at Anaheim. Those attending the 1982 Blizzard Party were: Carl Johnson, Wayne Sabbe, Jack and Mrs. Carter, Bill and Mickey Ball, Len and Arlene Nelson, Len and Diane Hofmann, John and Jan Foss, J. C. Zubriski, Ardell Halvorson, Richard Engel, Bruce Worcester, Lewis Edwards, Jim Lofgren, James Helm, John Erickson, Harold Cross, Jim Quick, Stephen Schroeder, Charles McGuire, Ken Wilhelmi, Lloyd Nelson, Ken and Maxine Lebsock, Bob and Mavis Busch, Jerry and Sharon Miller, Perry and Donna Cregan, Norm and Elaine Williams, Carlos Riede, Larry Alexander, Ken Grafton, Bruce Montgomery, Rodney Utter, Munzer Sundos, Dwain and Gladys Meyer, Charles and Martha Smith, Kent Lang, Jay Larsen, Vince and Jacqueline Ulstad, Dan Parfitt, Burton Johnson, Terry Bolger, Apporture Kouakou, Wayne Vian, Les Wright, Gerold Seiler, Karl Lucken, Mel and Linda Anderson, and Vafa Kamali.

Our faculty and students continue to be productive and receive some recognition. Our team of graduate students of Bev Durgan, Les Graftstrom, Greg Dahl and Diane Manthey as coached by Dr. Charlotte Eberlein won first place in the North Central weed science contest--Bev scored highest in the contest. Pete Fay of Montana State may wish to take a small bow having encouraged Bev to come to NDSU to study weed science. Dr. Nalewaja becomes President-Elect of Weed Science Society of America in February, and then President in 1984. Dr. Messersmith was elected Second Vice President of North Central Weed Control Conference recently meaning he will be president in 1985. Dr. Dexter is editor of the NCWCC Research Reports and North Central rep to USSA. We received again this year the DuPont Corporation Academic Excellence Award primarily for our program in weed science. The video camera and player purchased with DuPont funds has been used a lot for undergraduate and graduate seminars and practice sessions for scientific paper presentation. We still release crop varieties, the latest January 13, 1983--Lloyd durum wheat, Pierce oats, Holberg edible dry pinto bean, and Kramer Triticale, the latter a superior yielding variety having good

seed quality if a few growers wish to grow as a specialty crop. Donna Nalewaja and Bob Nowatzki were elected as representatives to the North Dakota Legislature. We have nominated some people for ASA awards in 1983 and hope we are successful--watch for results in August, 1983. Dr. Foster has just finished a Chapter for an ASA Monograph entitled "Nutritional Quality of Cereal Grains: Genetic and Agronomic Improvement"--watch for the book, maybe published within a year.

I just read in the Forum that NDSU had the highest winter quarter on-campus enrollment in history at very close to 9000 students--enrollment usually decreases in the winter. Our Agronomy enrollment increases gradually at undergraduate level with half or more coming from transfers within NDSU or from other institutions. Our graduate enrollment is 71, somewhat lower than fall, 1981, due to slow up apparently in funding of foreign students from Fellowships of various kinds. North Dakota had a bumper crop year almost statewide with 340 million bushels of wheat and similar levels of other crops but with much lower prices due to surplus of wheat, corn and soybeans affecting prices of all crops. Most acre yields were at or near record level also. The BISON football team was a very interesting one again in 1982 winning the conference and losing by a narrow margin in the semifinals of the NCAA Division II playoffs. Former coach Wacker's Southwest Texas State team again won the Div. II playoffs. NDSU also is excelling in women's volley and basketball and the men in basketball, wrestling, etc.

Facilities at NDSU continue to expand and improve. The new music building is a little finer than usually built here--a nice change! The new greenhouses are in use with a couple more needed to complete the complex. We used 40 acres of leased land again near Prosper for research plots in 1982 and have a purchase of 240 to 320 acres underway near Prosper. The Governor's budget seemed to assure the Computer Center addition but early developments in the Legislature place it in doubt. A Northern Crops Institute is about built which will have a staff to provide workshops, etc. for visiting foreign trade teams and technicians, etc.

Our annual fall picnic was September 7 at Oak Grove Park with good weather and over 100 attending. The Christmas party was December 10 using same system as 1981. The "hors d'oeuvre" construction and taste appeal contest was judged by Marvin Mattson and others and went well with the liquid refreshments. A live band provided music, loud and clear. The Christmas party program included an interesting and very informative and effective song sung by Diana Roberts, Adrian Moses, Phil Bruckner, Kirk Johnson, Keith Ness, Tom Carlson and Mike Cagley. The words are below and you probably can relate to them regardless of when you were at NDSU.

The 12 Stages of Grad School

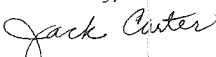
On the 1st day of Grad School, Jack Carter gave to me--One assistantship.
 In the 2nd term of Grad School, my advisor gave to me--Two thesis problems.
 In the 3rd term of Grad School, my committee asked of me--My three page proposal.
 In the 4th term of Grad School, professors said to me--'Get your act together!'
 In the 5th term of Grad School, my technician said to me--'Who are you?'
 In the 6th term of Grad School I found the Lib'ry.

In the 7th term of Grad School, the computer said to me--'Lost all your data.'
 In the 8th term of Grad School, my parents said to me--'When's the baby coming?'
 In the 9th term of Grad School, my auntie said to me--'Are you married yet?'
 In the 10th term of Grad School, my advisor said to me--'Gotta stop your drinking.'
 In the 11th term of Grad School, the office said to me--'Time to schedule orals.'
 In the 12th YEAR of Grad School they finally gave to me--One diploma!

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 Anaheim and recent North Central Weed Control Conference, Indianapolis, Indiana, 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. Maybe we have ARRIVED! At ASA Placement Service at Anaheim, several students remarked that their undergraduate advisors had recommended that they consider Iowa State or North Dakota State as among the best institutions for graduate study in plant breeding and genetics, or NDSU and Illinois in weed science. That is nice to hear, but we know we still need to "try harder" to push No. 1. Again I invite and urge you to prepare thesis results for publication, if you have not, to bring recognition to yourself and Agronomy, NDSU. We do not have enough good candidates for GRA's in plant breeding now but a surplus in weed Science. Please encourage your good students to apply in plant breeding at NDSU.

We hope that you had a Merry Christmas or other holiday season, and will have a happy, healthful and successful 1983. 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 or come to ASA, Washington, D.C. and second NDSU Blizzard party. If we do not have your current, correct address, please supply to us, and of address changes as occur.

Sincerely,

 J. F. Carter
 Professor and Chairman

AGRONOMY FACULTY, 1982

J. F. Carter, Professor and Chairman
 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)
 R. G. Cantrell, Ass't. Professor, Durum Wheat Breeding
 D. F. Cole, Adjunct Professor, Sugarbeet Physiologist (USDA)
 H. Z. Cross, Professor, Corn Breeding
 E. L. Deckard, Professor, Crop Physiology
 A. G. Dexter, Professor, Extension, Weed Science, Sugarbeets
 W. W. Donald, Research Agronomist, Weed Science (USDA)
 D. C. Ebeltoft, Professor Emeritus, Retired
 C. V. Eberlein, Ass't. Professor, Extension, Weed Science
 A. E. Foster, Professor, Barley Breeding
 G. J. Fox, Research Associate, Sunflower Breeding
 J. D. Frankowiak, Assoc. Professor, Barley Breeding
 R. C. Froberg, Professor, Wheat Breeding
 K. F. Grafton, Ass't. Professor, Dry Bean Breeding
 J. J. Hammond, Professor, Flax Breeding
 An Hang, Research Associate, Barley Cytogenetics
 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, Ass't. Professor, Weed Science
 S. S. Maan, Professor, Wheat Cytogenetics
 M. S. McMullen, Assoc. Professor, Oat Breeding
 C. G. Messersmith, Professor, Weed Science
 D. W. Meyer, Professor, Forage Crops
 J. F. Miller, Research Geneticist, Adjunct Professor, Flax and Sunflower Breeding (USDA)
 S. D. Miller, Assoc. Professor, Weed Science
 J. D. Nalewaja, Professor, Weed Science
 W. W. Roath, Adjunct Professor, Research Geneticist, Sunflower (USDA)
 P. C. Sandal, Professor Emeritus, Retired
 Barley Cytogenetics
 A. A. Schmeiter, Professor, Specialty Crops
 D. J. Cox, Ass't. Professor, HRW Wheat Breeding
 R. H. Shimabukuro, Adjunct Professor, Plant Physiologist (USDA)
 G. S. Smith, Professor Emeritus, Retired
 L. A. Spilde, Assoc. Professor, Seedstocks
 G. C. Weiser, Ass't. Professor, Dry Bean Breeding
 D. A. Whited, Professor, Soybean Genetics
 N. D. Williams, Adjunct Professor, Wheat Genetics (USDA)

GRADUATE RESEARCH FELLOWS IN AGRONOMY

Dean Reynolds, Weed Control
 Donald Weed, Durum Wheat Breeding

SECRETARIES, 1982

Eileen Buringrud, Secretary IV
 Janet Matzek, Clerk III
 Elaine Dobrinz, Secretary II
 Tammy Nelson, Secretary I
 Betty Johnson, Secretary I, Extension
 Patricia Olson, Clerk Typist I
 Pam Odegaard, Clerk Typist I

RETIRED

D. C. Ebeltoft
 L. A. Jensen
 P. C. Sandal
 A. B. Schooler
 G. S. Smith
 T. E. Stoa

AGRONOMY GRADUATE MAJORS, FALL QUARTER, 1982

Albrecht, Ray Self
 Berger, Ana IICA/BID Uruguay
 Bolger, Terence GRA
 Branson, Chris GRA Australia
 Bruckner, Phil GRA
 Cagley, Michael GRA
 Carlson, Ken Self
 Carlson, Steve GRA
 Carlson, Tom GRA
 Cedeno, Jesus Gov't Venezuela
 Chitsaz, Mohsen Self Iran
 Chyle, John Self
 Dahl, Greg GRA
 Dosso, Harouna Gov't Ivory Coast
 Durgan, Beverly GRA
 Esparza, J. Hector CONACYT Mexico
 Evans, Richard GRA
 Faue, Allen GRA
 Fetch, Tom Self
 Fisher, Hal Self
 Gebre, Hailu FAO Ethiopia
 Goyne, Phil GRA Australia
 Grafstrom, Lester GRA
 GUENZL, AARON Self
 Haro-Arias, Edgar CONACYT Mexico
 Haugerud, Nicholas GRA
 Hertsgaard, Karen GRA
 Hollenhorst, Margaret Self
 Hormis, Yousif Gov't Iraq
 Jayaswal, M. L. AID Nepal
 JOHNSON, BARRETT Self
 Johnson, Burton Self
 JOHNSON, KENRIC Self
 Johnson, Kirk GRA
 Josephides, Costa FAO Cyprus
 Klindworth, Daryl Self
 Kouakou, Apporture AFGRAD Ivory Coast
 LARSON, WARREN Self
 Laskar, William GRA
 LAW, ROBERT Self
 McClung, Anna GRA
 Majid, Hashim Gov't Iraq
 Manthey, Diane GRA
 Manthey, Frank GRA
 MONSON, BRUCE Self
 Morales, Raul LASPAU Peru
 Moses, Adrian GRA
 Ness, Keith Self
 Nicolai, David GRA
 Nwaokolo, Julius GRA Nigeria
 Reynolds, Dean GRF
 Riede, Carlos IAPAR Brazil
 Roberts, Diana Fellowship Zimbabwe
 Rodriguez, Orlando LASPAU Nicaragua
 Ryan, Robert Self
 Sanderson, Matt GRA
 Scoresby, Rene GRA
 Somapala, A. D. AID/IRRI Sri Lanka
 Staska, Kevin GRA

Subhi, Muhamed Iraq
 The, Charles AID Iraq
 THOMPSON, ARLO Self Cameroun
 THOMPSON, CURTIS Self
 Tonye, Jean Self Cameroun
 Ulrich, Tim GRA
 Viega, Luis LASPAU Uruguay
 Volk, Tom GRA
 Weed, Donald GRF
 Wells, William GRA
 Wolf, Stan Self
 WRIGHT, LES Self

TECHNICIANS AND OTHER CLASSIFIED, 1982

Ray Albrecht, sunflower-flax breeding
 Robert Baumann, HRS wheat genetics
 Joye Bond, sugarbeet breeding
 Jarvis Brosz, durum wheat breeding
 Kay Carlson, wheat cytogenetics
 Wilma Dunford, wheat genetics
 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
 Daryl Klindworth, wheat genetics, USDA
 James Liedahl, hybrid wheat breeding
 Lyle Lindberg, flax-soybean breeding
 John Luecke, sugarbeet weed control
 Carl Madsen, HRS wheat breeding
 Wayne Norby, forage crops production
 Dale Rehder, sunflower breeding, USDA
 Ronald Roach, weed control
 Allen Schmidt, durum wheat genetics, USDA
 Jody VanderWal, dry bean breeding
 Garrett VanWatermolen, Motor Vehicle Mech. I
 Duane Wanner, corn breeding
 sunflower breeding
 weed control