



January 5, 1982, for 1981

Dear Former Agronomists at NDSU, and families,

I am starting this letter late as usual but it is more 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 had several faculty and staff changes in 1981 and much recruiting to do. Dr. Sandal retired June 30, 1981, but is still in department often as Emeritus Professor to joke with the staff and students. Dr. Sandal also helped teach Plant Breeding Techniques in the Summer to help his replacement become familiar with the course. We had a very interesting and well attended dinner party for "Sandy's" retirement. Dr. Quick resigned to take the hard red winter wheat breeding job at Colorado State. A recognition "coffee" was held for Jim in the Memorial Union. Dr. Van Parfitt resigned from leadership of the project to develop bird resistant sunflower to take a permanent position at University of California, Davis. You will recall that Dr. Mitich went to Cal-Davis last year--he has been replaced by Dr. Charlotte Eberlein, recent graduate in weed science from Minnesota. Dr. An Hang has become a Research Associate in barley cytogenetics with Dr. Frankowiak funded by 3 year Competitive Grant from USDA. Other new staff are Mary Hunter, Extension Secretary I, replacing Virginia Leverson, who moved to Horticulture as Secretary II. Albert VanderWal joined the edible dry bean breeding project as Technician.

We had about 45 applicants or inquiries for the Quick and Sandal positions. We interviewed 9 scientists for the two positions. Dr. Roy Cantrell replaced Dr. Quick as leader of our durum breeding project. Dr. Cantrell is graduate of Minnesota and had been employed by Cargill as a corn breeder. Dr. Cantrell "overlapped" a month with Dr. Quick and helped harvest at Obregon in 1981. Dr. Glen Weiser replaced Dr. Sandal as teacher of several genetics courses and leader of our edible dry bean breeding project started by Dr. Sandal a couple of years ago. Dr. Weiser started the Fall Quarter teaching of Agronomy 306 with one of largest classes ever. He has good skills in developmental genetics and is teaching that course in the winter quarter. Dr. Greg Fox, graduate of Montana State, has replaced Dr. Parfitt in the sunflower project to breed for bird resistance. Many of you know Robert Nowatzki also--Bob resigned at Langdon to farm and be a part time consultant and has been replaced with Robert Wagner, former Area Agronomy Agent at Dickinson.

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Besides Dr. Sandal, several others retired at NDSU in 1981, namely, Dr. Lana of Horticulture, Mr. Nystuen of Dean's office, Dr. Hove of English, Mr. Bentson of Dean of Students Office, and Emily Reynolds of Home Ec.--Emily died of a sudden illness prior to her June 30 retirement. Probably you see this news in Bison Briefs. If you do not get Bison Briefs, you can get by sending name and address to NDSU Information Department. Also, Dr. Gilles has left NDSU to become Administrator of Federal Grain Inspection Service in Washington, D.C.

Agronomy graduated 13 M.S. and 9 Ph.D. students in the May, 1981, commencement. M.S. students were Mark Anfinrud, Harouna Dosso, Richard Evans, John Jones, Joan Lish, Roy Luedtke, James Melzer, Frank Moser, Dennis Rasmussen, Barbara Stolz, Charles The, Pauline Zekeng, and Arlo Thompson. Ph.D. degrees granted were Su'fi Ahmed, Homayon Ghiasi, Will Harada, Vafa Kamali, Barry Nagle, William Niehaus, Alfonso Palafox, Edward James Retzinger, Jr., and Galen Schroeder. Others finishing M.S. degrees prior to December 30 were John Crammer, Jean Tonye and John Lukach.

Agronomy had 80 graduate students at the beginning of the Fall Quarter, 1981, the most ever. New students are (U.S. citizens unless foreign country added) Phil Bruckner, Jesus Cedeno returned from Venezuela for Ph.D., John Chyle, Beverly Durgan, Tom Fetch, Hailu Gebre returned from Ethiopia for Ph.D., Phil Goynne from Australia, Edgar Haro-Arias from Mexico, Yousif Hormis from Iraq, M. L. Jayaswal from Nepal, Kirk Johnson, Warren Larson, Hashim Majid from Iraq, Raul Morales from Peru, Keith Ness, Julius Nwaokolo from Nigeria but here as undergraduate, Orlando Rodriguez from Nicaragua, Matt Sanderson, A. D. Somapala from Sri Lanka, Charles The returned from Cameroon to complete Ph.D., Luis Viegas from Uruguay and Stan Wolf.

We had many foreign and other visitors to the campus in 1981. Greg Vasquez and Javier Simental from Mexico visited here as did Dr. Abdul Goma from Egypt. I saw Dr. Arnoldo Amaya at the AACC meeting in Denver. At least 6 foreign Wheat Trade Teams visited the campus from S. E. Asia, Scandinavia, Indonesia, Korea, Italy and Central America. At the ASA meetings in Atlanta, I saw and visited with former faculty, Mel Anderson, Jim Quick, John Erickson, Lewis Edwards, H. J. Gorz, Bob Busch and Rollie Sears. Former students seen and visited were Lewis Edwards, John Erickson and Mel Anderson above, and Barry Nagle, Wayne Vian, Barbara Stolz, Greg Vasquez, Lloyd Nelson, Marvin Boerboom, Al Frank, Ghassem Atashi-Rang, (now Gus T. Rang), Les Wright, Ian Edwards, Perry Cregan, Jim Helm, Carl Johnson, Herb Ohm, Aaron Guenzi, John Berdahl, Bertel Schou, Roy Johnston, Jim Lofgren, Abdul Goma, John Jones, Mark Anfinrud, Vafa Kamali...that I remember, were there others that I did not see or remember? Many of you have suggested an NDSU Agronomy get-together at ASA meetings. Carl Johnson urges strongly that we have such a morning or evening "breakfast" as they are known often at ASA. Carl suggests we call it an "NDSU Blizzard Party" approximately 8-10 p.m. Most of these are held either Tuesday or Wednesday p.m. or Tuesday a.m. A hotel meeting room and probably some type of "refreshments" are usual. I'll investigate with ASA headquarters, appoint someone from our present faculty to coordinate and plan a short program perhaps, and communicate with Carl as an alumni contact. The NDSU Alumni Foundation has a 30 minute slide-tape show that is good. Send me your ideas if you wish, and see you in Anaheim in 1982.

Our faculty continue to receive some outstanding awards. Dr. Nalewaja has just been elected as Vice President of WSSA, onwards to President in two years. Also, our faculty participate as Directors, Editors, etc. in various regional and national scientific societies. Again in 1981, we received a third Academic Excellence Award of \$6000 from the DuPont Corporation primarily for our weed control science program in research, teaching and extension. We have purchased a Video camera and recorder so we can film and record seminar presentations, practice speeches, and make record of research results in field, lab or greenhouse if desired.

Enrollment at NDSU has increased to nearly 9000 students. Agronomy enrollment increases have been among the highest two departments with many good jobs in Agronomy. Our crop year was very good. Most crops set records with North Dakota being the leading state in wheat production with over 300,000,000 bushels in 1981. The BISON were a very interesting football team in 1981, won the conference, and went to finals in NCAA Division II against former Coach Wacker's Southwest Texas State team.

Facilities at NDSU continue to improve and expand. The library addition is completed and in use. The new music building is near complete and will be in use next year. Phase I of the new greenhouses is complete and Phase II is started with Phase III in planning stages. An addition to the Engineering building is underway but the addition for the computer center is delayed pending amount of balances in the State General Fund. Forty acres of leased research land near Amentia were used in 1981 with a closer unit of 40 acres to be used in 1982. Our new central AC worked very well this summer, sorry it could not have been installed earlier for you old-timers!

Some of you have commented in your letters or as we met at ASA, Atlanta, how goes the Christmas party and Agronomy fall picnic? The Christmas party was December 4 including a program by graduate students, Frank Manthey, Lester Grafstrom, Tom Carlson, Anna McClung using slides of typical "research?" activity in Agronomy at NDSU. An "hors d'oeuvre" construction contest, wine and cheese, and other frivolity preceded dancing by lots of people to a live "band." The Agronomy fall picnic was September 9 in Oak Grove shelter with an overflow crowd of 150 or more--Dr. Coss and crew supplied usual Illinois Supersweet.

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, Iowa, 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 Atlanta, 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 hope that you had a Merry Christmas or other holiday season, and will have a happy, healthful and successful 1982. 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, Anaheim and first NDSU alumni 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, 1981

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)
R. G. Cantrell, Ass't. Professor, Durum Wheat Breeding
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
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. Frohberg, 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
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
J. D. Nalewaja, Professor, Weed Science
W. Roath, Adjunct Professor, Research Geneticist, Sunflower (USDA)
P. C. Sandal, Professor Emeritus, Retired
A. B. Schooler, Professor, Barley Cytogenetics
A. A. Schreiber, Assoc. Professor, Specialty Crops
P. G. Sebesta, Ass't. Professor, HRW Wheat Breeding
R. H. Shimabukuro, Adjunct Professor, Plant Physiologist (USDA)
G. S. Smith, Professor Emeritus, Retired
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

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

SECRETARIES, 1981

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

RETIRED

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

AGRONOMY GRADUATE MAJORS, FALL QUARTER 1981

Ray Albrecht - Self support
Terence Bolger - GRA
Chris Branson - GRA
Jose Bravo - LASPAU, Nicaragua
Phil Bruckner - GRA
Michael Cagley - GRA
Tom Carlson - GRA
Jesus Cedeno - Gov't, Venezuela
Mohsen Chitsaz - Self, Iran
John Chyle - Self support
John Crammer - GRA
Greg Dahl - GRA
Koutouan Djava - Ill-AID, Ivory Coast
*JUAN DOMINGUEZ - Self, Spain
Harouna Dosso - Gov't, Ivory Coast
*PATRICK DUHIGG - Self support
Beverly Durgan - Self support
Soliman El-Sebai - Gov't, Libya
Hector Esparza - CONACYT, Mexico
Richard Evans - GRA
Tom Fetch - Self support
Hal Fisher - Self support
Tom Frappier - Self support
*LUIS GARCIA - Self, Spain
Hailu Gebre - FAO, Ethiopia
Greg Gillespie - GRA
Phil Goyne - GRA
Lester Grafstrom - GRA
Edgar Haro-Arias - CONACYT, Mexico
Nicholas Haugerud - GRA
Karen Hertsgaard - GRA
Mary Himmelbach - GRA
*FREDERICK HOLBROOK - Self support
Margaret Hollenhorst - Self support
Yousif Hornis - Gov't, Iraq
M. L. Jayaswal - AID, Nepal
Barrett Johnson - Self support
Burton Johnson - Self support
Kenric Johnson - Self support
Kirk Johnson - GRA
Costa Josephides - FAO, Cyprus
Daniel Kidder - GRA
Apperture Kouakou - AFGRAD, Ivory Coast
Komenan Kouame - Ill.-AID, Ivory Coast
Warren Larson, Self support
William Laskar - GRA
*ROBERT LAW - Self support
Daniel Lerfald - Self support
Anna McClung - GRA
Hashim Majid - Gov't., Iraq
Diane Manthey - GRA
Frank Manthey - GRA
*BRUCE MONSON - Self support
Raul Morales - LASPAU, Peru
Adrian Moses - GRA
*JORGE MOUTOUS - Self, Argentina
Keith Ness - Self support
Julius Nwaokolo - Self, Nigeria

*GHAZANFAR RASHID - IIE, Pakistan
Dean Reynolds - GRA
Carlos Riede - IAPAR, Brasil
Orlando Rodriguez - LASPAU, Nicaragua
Matt Sandersen - GRA
Rene Scoresby - GRA
Tom Snyder - GRA
A. D. Somapala - AID/IRRI, Sri Lanka
Carol Somody - Self support
Kevin Staska - GRA
Muhammed Subhi - Iraq Gov't.
Charles The - AID, Cameroon
Arlo Thompson - Self support
Curtis Thompson - Self support
Jean Tonye - Self, Cameroun
Vincent Ulstad - GRA
Luis Viega - LASPAU, Uruguay
Donald Weed - Self support
William Wells - GRA
Stan Wolf - Self support
*LES WRIGHT - Self support
Joe Yenish - GRA

*CAPS = Not active on campus

TECHNICIANS AND OTHER CLASSIFIED, 1981

Ray Albrecht, sunflower-flax breeding
Robert Baumann, HRS wheat genetics
Joye Bond, sugarbeet breeding
Jarvis Brosz, sunflower breeding
Kay Carlson, wheat cytogenetics
Wilma Dunford, wheat genetics
Steven Ellefson, barley breeding
James Faller, HRS wheat breeding
Hal Fisher, oat breeding
Roger Gnoch, 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
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
Curtis Thompson, weed control
Jody VanderWal, dry bean breeding
Garrett VanWatermolen, Motor Vehicle Mech. I
Duane Wanner, corn breeding