

January 1985 for 1984

Dear Former Agronomists at NDSU, and families

While the logo at left indicates this is a Holiday letter and that is my intent, and while I am starting it today, December 28, you will not receive it until in 1985. Also, it must be reduced and printed yet. I receive some good natured joking especially at the Blizzard Party at the American Society of Agronomy on the date of the former "Christmas" letter but now consider it just an annual newsletter. November and December at NDSU are so full of meetings for Agronomy, commodity groups, Crop Improvement Associations, etc. that now we had one week with 3 partially concurrent

meetings in the Holiday Inn, hence little time along with regular work for me or our secretary, Eileen, to work on the letter. Also, as indicated last year it is helpful for us to receive holiday greetings and many changes of address before we mail out the letter and get many of them returned. I believe that at home and the office we have received more letters from you than ever before, also including some photos of your families which are nice to receive. However, as yet we have not received messages from some of the most faithful, and we miss hearing from you, and hope you are safe and well. Three of our sons were home for Christmas and the fourth with our only grandchild in the U.S. should come in a day or two. Some of you know our daughter, Nancy, who now is in Belgrade, Yugoslavia, with her family and husband Eric in the State Department--stop to visit them at the U.S. Embassy if you travel to Yugoslavia.

Again in 1984 we have had some faculty and staff changes and some recruiting to do. Dr. Steve Miller, Bonnie and family took a similar position at University of Wyoming near their home, and has been replaced with Dr. Greg Gillespie, Marilyn, and family. Dr. James Helm, a B.S. and M.S. graduate in Agronomy from NDSU, returned as Extension Agronomist to replace Dr. Duane Berglund who moved up to Assistant Director for Extension. Dr. David Van Der Puy has replaced Dr. Charlotte Eberlein as Extension weed specialist. Dr. James Hanzel has replaced Dr. Greg Fox as project leader to develop sunflower resistant to bird damage. Dr. C.C. Jan has moved from Cal-Davis to NDSU as sunflower cytogeneticist with ARS, USDA. Dr. Bill Roath, ARS, has been transferred from the ARS sunflower project here to the Plant Introduction Station at Ames, Iowa. Dr. Tom Carlson, Research Associate, is replacing Dr. Karl Lucken in the hybrid wheat project for a year while Dr. Lucken is on developmental leave with Shell Chemical at Modesto, California. Dr. Ebeltoft has retired as Exec. Secretary for the North Dakota Crop Improvement Association. Regrettably, this past summer both Dr. Stoa, former chairman, and Dr. Sandal died within one week of each other, suddenly from heart problems but differing in age at about 94 and 71, respectively. Victoria Chesney has replaced Pam Odegaard as a secretary (Pam got married), Lisa Brown has joined Dr. Deckard's project as a technician, and David Birdsall has replaced Carol Schmidt with Dr. Joppa as a technician in durum wheat genetics. John Soper and Kirk Johnson are new Graduate Research Fellows in the durum breeding and hybrid wheat projects, respectively.

Agronomy graduated 17 M.S., 8 Ph.D. and 32 B.S. students in 1984 May Commencement. Those receiving Ph.D.'s were Tom Carlson, Mohsen Chitsaz, Harouna Dosso, Hector Esparza, Diane Manthey, Carlos Riede, Rene Scoresby, and William Wells, several of whom were present to receive their hood on the stage from the major advisor and graduate dean. Those listed to receive the M.S. in May, 1984 (some may have missed by a few days or weeks), were Ana Berger, Terry Bolger, Chris Branson, John Chyle, Greg Dahl, Tom Fetch, Aaron Guenzi, Yousif Hormis, Mauje Jayaswal, Kirk Johnson, Apporture Kouakou, Muhamad Subhi, David Nicolai, Diana Roberts, A.D. Somapala, Tim Ulrich, and Luis Vitega. Predictions are that there will be only about half enough Agronomy graduates in the next 2 to 5 years to fill the vacancies expected from retirements, etc. I have completed 3 survey-questionnaires recently dealing with graduate student training and expected graduates, one from an Ad Hoc committee appointed by the Assistant Secretary of Agriculture.

Agronomy had 71 graduate students in the Fall, 1984, and others have joined for the beginning of the Winter Quarter. However, we have several vacant GRA's in specific projects due to a shortage of qualified applicants observed here and by other Universities in the last two years. We have long sought full time teaching assistance for high enrollment courses with many laboratories and were fortunate in 1984-85 to get two Graduate Teaching Assistants for general courses and for genetics. New students since last year are (U.S. citizens unless foreign country added):

Jerry Arneson  
David Birdsall  
Juan Dominguez, Spain  
Messan Dossekou, Togo  
Du Hanlin, PRC  
Erik Ericksmon  
Fernando Gonzalez, Mexico  
Steve Howey  
Richard Jenny

Roger Lussenden  
Amir Masud, Pakistan  
Marco Nevado, Peru  
Doug Nord  
Samí Sabry, Egypt  
Blaine Schatz  
Munzer Sundos  
Kevin Thorsness  
Jorge Simental, son of Javier Simental of Mexico who received an M.S. here in 1967, B.S. major.

We had many foreign and other visitors come to the campus in 1984 from such countries as South Africa, Bulgaria, Mexico, Canada, New Zealand, Tanzania, Norway, and the Netherlands; and Trade Teams from at least Algeria, two from Taiwan, Argentina, Japan, Italy and Great Britain and EEC group, the latter about 30 people on dry edible beans, most of others on wheat, sunflower or barley. In addition, many visitors came to sunflower and other projects not recorded here. The Northern Crops Institute now is involved in nearly full time programs--I talked at NCI 14 times in 1984 and several of our faculty also made talks there to wheat, barley, sunflower or dry bean commodity interests, Trade Teams, etc. We sponsored at least two superior, internationally renowned lecturers on campus in 1984, Dr. Ernie Sears, wheat cytogeneticist at University of Missouri, and Dr. Glenn Burton, forage crop breeder, Coastal Plains Station, Tifton, Georgia.

The Third Annual Blizzard Party was held November 27 at the Hilton Hotel in Las Vegas at the annual conference of the American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America. Agronomy and Soil Science are participating and former students and staff of both departments attended along with friends from association. About 65 people attended from 17 states and 2 foreign countries. Dr. John Foss of Soil Science, NDSU, and Dr. Ralph Young of Soil Science, University of Nevada, Reno, helped with the party. Dr. James Lofgren of Dahlgren's, Crookston, Minnesota, provided some



complimentary hulled and roasted sunflower seed, and Dr. Carl Johnson, Rice Cooperative, Biggs, California, provided roasted and salted pecans. Carl could not attend as planned because his wife was taking her Ph.D. exam on that day. We showed a video tape of the Bison football team enroute to the 1983 Div. II National Championship, and people visited for an enjoyable party. Those attending were Jack and Imogene Carter, Ralph Young, Jim Lofgren, Richard Engel, Al and Jane Frank, Roy Cantrell, Lewis Edwards, Wayne Vian, Steve Schroeder, S.S. Maan, Jim Quick, Dora and LeRoy Spilde, Corrine Davies, Wayne Sabbe, Dorothy Johnson, Gordon Johnson, James Anderson, Marvin Boerboom, Roger Ward, Les Wright, Ian Edwards, Mr. and Mrs. Herb Schmidt, Soon Park, I. Chowdhury, John Erickson, Norm and Elaine Williams, Fred Schroer, Tom Carlson, Kirk Johnson, Lloyd Nelson, John Muir, Phil and Cindy Bruckner, Ken Larson, Charles Smith, Jim Melzer, Pat Edwards, Hossein Rubani, Dr. and Mrs. Len Nelson, Arron Guenzi, Earl Foster, Sha on Vian, Harold and Glenda Cross, Bob and Mavis Busch, Dwan Meyer, Munzer Sundos, Eduardo Zaffaroni, Roy Johnston, David Nicolai, Karl Lucken, Kenric and Linda Johnson, Kent and Sonia Long, John Foss, Joe and Kay Zubriski, Mr. and Mrs. Leo Orth, Oscar Olmedo. The Fourth Annual Blizzard Party will be in Chicago the first week of December, 1985--plan to attend to meet old friends, faculty, former students, etc.

Our faculty and students continue to be productive and receive recognition. Dr. Nalewaja is President of the Weed Science Society of America, and Dr. Messersmith is President of the North Central Weed Control Conference, with Dr. Dexter editor of the NCWCC Research Reports and representative to WSSA. Dr. Whited received the Doctor of Service Award from Blue Key in the spring, 1984. Dr. Maan was made a Fellow of the American Society of Agronomy in 1984. Our Graduate Student Weed Science Team was second place in the 1984 competition for the North Central States and Doug Nord was high individual. Recently, Bev Durgan and Dave Grafstrom took first and second place, resp., in the Poster Division of NCWCC, and Frank Manthey was second in the oral paper presentations. We will be releasing MONROE durum wheat and LINTON flax, new varieties, with January 15, 1985, release date. Stoa hard red spring wheat, Hazen 6-rowed barley, Bowman 2-rowed barley, Steele oats, and Nodak pinto beans released in 1983 seem to have been excellent performing varieties on the farm in 1984 with some record yields for the 3 cereal crops reported, the dry summer reduced yield potential for most row crops. Dr. Foster has written a chapter in a forthcoming ASA Monograph entitled "Nutritional Quality of Cereal Grains: Genetic and Agronomic Improvement," and has started on a chapter in a new textbook on plant breeding dealing with "Methods of Barley Breeding." Drs. Schneiter and Meyer are Associate Editors of Agronomy Journal and Crop Science, resp.

Donna Nalewaja and Bob Nowatzki were reelected as Republican and Democratic representatives, resp., in our state Legislature, and even though they represent different parties I'd expect we will get good support from them for agriculture and NDSU.

NDSU has had record enrollments of about 9400 students in both Fall and Winter Quarters--seems too as if there are more students on the campus at class change time than ever before. Our graduate enrollment is similar to last year at 71 with several foreign students more or less enroute for the Spring Quarter, and several students have graduated since Fall. I notice that Drs. Messersmith and Meyer have about 38 students each in undergraduate seminar so we have a large undergraduate enrollment. As yet, practically all graduates are getting jobs ok and demand should be good in spring if economic upturn continues and available crop acres are seeded. North Dakota had a very good crop in 1984 although the June-August period was one of driest on record. Our new winter wheat and barley nursery at Weslaco, Texas, appears ok in December. We are growing it there to replace the Obregon, Mexico, nursery, temporarily

quarantined because Karnal bunt was found in the hard red spring wheat produced on the Obregon Station in spring 1983. Maybe we can return to Obregon with winter nurseries some day as it is an ideal location, free of frost hazard, and a crossroads for plant breeders from much of the world.

The BISON football team was a very interesting one again in 1984, winning the North Central Conference and runner up in Division II to their final game opponents who won in last seconds on 50 yard field goal. Other Bison teams both men and women have done well too but I do not follow them as closely. Phase I of greenhouses west of the "Agronomy" range of greenhouses are all in use, and new double glass is on two of the old Agronomy glasshouses and on one Waldron glasshouse. Two hundred and forty acres of new research land have been purchased near Prosper, about 17 miles from campus, and were used first in 1984 with excellent results. Soil at the Prosper site is lighter than at Fargo and should be a very good research site but involving some travel time to reach. The new Northern Crops Institute building is finished and in use as mentioned earlier. The 1983 Legislature did not provide a new Computer Center as hoped for and badly needed, and the outlook for 1985 may be only an increase in staff salaries.

Our annual fall picnic was September 4 with 100 or more attending and the Christmas Party was December 7 at the Knights of Columbus Hall. The latter was a Social-dance with Mike Hickman, John Soper, and others among the students providing a slide and "awards" program.

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 Las Vegas and recent North Central Weed Control Conference, Winnipeg, 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 Las Vegas, 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. We are pleased this year to have some very good candidates for both plant breeding and weed science GRA's, again maybe a good indication that we have earned a good reputation for research and graduate study in these areas, especially, but GRA candidates appear scarce and we will have competition for those available. Again I invite and urge you to prepare thesis results for publication, if you have not, to bring recognition to yourself and Agronomy, NDSU. Please encourage your good students to apply for graduate study at NDSU.

We hope that you had a Merry Christmas or other holiday season, and will have a happy, healthful and successful 1985. 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, Chicago and Fourth NDSU Blizzard Party, or WSSA, Seattle, in 1985. If we do not have your current, correct address, please supply to us and of address changes as occur. We will try to get this letter to each of you.

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

AGRONOMY FACULTY

J. F. Carter, Professor and Chairman  
 W. S. Ball, Professor, Extension, Crops  
 R. E. Barker, Adjunct Professor, Forage Crop Genetics (USDA, Mandan)  
 L. G. Campbell, Adjunct Professor, Research Geneticist, sugarbeet (USDA)  
 R. G. Cantrell, Ass't. Professor, Durum Wheat Breeding  
 D. F. Cole, Adjunct Professor, Sugarbeet Physiologist (USDA)  
 D. J. Cox, Ass't. Professor, HRW Wheat Breeding  
 H. Z. Cross, Professor, Corn Breeding  
 E. L. Deckard, Professor, Crop Physiology  
 A. G. Dexter, Professor, Extension, Weed Science, Sugarbeets  
 W. W. Donald, Adjunct Professor, Research Agronomist, weed science, (USDA)  
 D. L. Doney, Adjunct Professor, Research Geneticist, sugarbeets (USDA)  
 D. C. Ebeltoft, Professor Emeritus, Retired  
 A. E. Foster, Professor, Barley Breeding  
 J. D. Franckowiak, Assoc. Professor, Barley Breeding  
 R. C. Froberg, Professor, Wheat Breeding  
 G. R. Gillespie, Ass't. Professor, Weed Science  
 K. F. Grafton, Ass't. Professor, Dry Bean Breeding  
 J. J. Hammond, Professor, Flax Breeding  
 J. L. Helm, Assoc. Prof., Extension, Row Crops  
 C. C. Jan, Adjunct Professor, Sunflower Cytogenetics (USDA)  
 L. R. Joppa, Adjunct Professor, Res. Geneticist, Durum Genetics (USDA)  
 K. D. Kofoid, Assoc. 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, Adjunct Professor, Research Geneticist, Flax and Sunflower Breeding (USDA)  
 J. D. Nalewaja, Professor, Weed Science

, Barley Cytogenetics

A. A. Schaefer, Professor, Specialty Crops  
 R. H. Shimabukuro, Adjunct Professor, Plant Physiologist (USDA)  
 G. S. Smith, Professor Emeritus, Retired  
 L. A. Spilde, Assoc. Professor, Seedstocks  
 D. L. Van Der Puy, Ass't. Professor, Extension, Weed Science  
 G. C. Weiser, Ass't. Professor, Dry Bean Breeding  
 D. A. Whited, Professor, Soybean Breeding  
 N. D. Williams, Adjunct Professor, Research Geneticist (USDA)

RESEARCH ASSOCIATES

Tom Carlson, Hybrid Wheat Breeding  
 James Hanzel, Sunflower Breeding

GRADUATE RESEARCH FELLOWS IN AGRONOMY

Kirk Johnson, Hybrid Wheat  
 Dallas Peterson, Weed Control  
 Dean Reynolds, Weed Control  
 John Soper, Durum Wheat Breeding

RETIRED

D. C. Ebeltoft  
 L. A. Jensen  
 A. B. Schooler  
 G. S. Smith

SECRETARIES, 1984

Eileen Buringrud, Admin. Ass't. I  
 Janet Matzek, Account Technician I  
 Elaine Dobrinz, Admin. Sec. II  
 Sandy Post, Information Proc. Oper. I  
 Peggy Bausman, Admin. Sec. I  
 Victoria Chesney, Word. Proc. Oper. I  
 Betty Johnson, Admin. Sec. I

AGRONOMY GRADUATE MAJORS, FALL QUARTER, 1984

Albrecht, Ray	Self		Peterson, Dallas # P	GRF
Arneson, Jerry	Self		Pazdernik, Ken	Self
Badaruddin, Md.	CIMMYT	Bangladesh	Pulido, Felipe	Gov'tt Venezuela
Blewer, Kristi	GRA		Reynolds, Dean # P	GRF
Birdsall, David, P	Self		Rivadeneira, Miguel	AID Ecuador
Bruckner, Phil #	GRA		Rono, Wilson	FAO Kenya
Cagley, Michael	GTA		Sabry, Sami #	EMCIP Egypt
CARLSON, KEN	Self		Samad, Abdus	AID/CIMMYT Bangladesh
Carlson, Steve #	GRA		Schatz, Blaine	Self
Cedeno, Jesus #	Gov'tt	Venezuela	Simonson, Randal #	Self
Christianson, Katheryn, P	Self		Soper, John # P	GRF
Dominguez, Juan #	Gov'tt	Spain	Sundos, Munzer #	Self Syria
Dossekou, Messan	AFGRAD	Togo	Thorsness, Kevin	GTA
Du, Hanlin #	Gov'tt.	PRC	VOLK, TOM	Self
Durgan, Beverly #	GRA		WEED, DONALD, # P	Self
Elias, Elias #	GRA		Wolf, Stan, P	Self
Eriksmoen, Eric	Self		Zaffaroni, Eduardo #	CAPEB Brazil
Fanning, Mark	Self			
Faue, Allen	GRA			
Fetzer, Jody	Self			
Fisher, Hal, P	Self			
Fore, Zachary	GRA			
GENET, JEAN	Self			
Gonzalez, Fernando	GRA	Mexico		
Goyne, Phil #	GRA	Australia		
Grafstrom, Lester #	GRA			
Hickman, Michael #	GRA			
Hormis, Yousif #	Gov'tt	Iraq		
Horsley, Richard	GRA			
Howey, Steve	Self			
Isakson, Paul	Self			
Jenny, Richard	Self			
JOHNSON, BARRETT, P	Self			
Johnson, Burton, # P	Self			
Johnson, Kirk # P	GRF			
Kabir, Murtaza #		USAID/Cornell Bangladesh		
Klindworth, Daryl, P	Self			
Klindworth, Margaret, # P	Self			
LARSON, WARREN #	Self			
LASKAR, WILLIAM # P	Self			
Lussenden, Roger	Self			
MCCLUNG, ANNA #	Self			
Majid, Hashim #	Gov'tt	Iraq		
Manthey, Frank #	GRA			
Masud, Amir	Self	Pakistan		
Meyer, Ron	Self			
Mitchell, Jennifer #	GRA			
Mohan, Richard	GRA			
MONSON, BRUCE, P	Self			
Moses, Adrian #	GRA			
Mostafavi, Mohammad	Gov'tt	Iran		
Moxness, Kevin	GRA			
Ness, Keith	Self			
Nevado, Marco #		La Molina Peru		
Nord, Doug	GRA			
Nwaokolo, Julius	Self	Nigeria		

TECHNICIANS AND OTHER CLASSIFIED, 1984

Ray Albrecht, sunflower-flax breeding, USDA  
 Robert Baumann, HRS wheat genetics  
 David Birdsall, durum wheat genetics, USDA  
 Jarvis Brosz, durum wheat breeding  
 Lisa Brown, crop physiology  
 Kay Carlson, wheat cytogenetics  
 Katheryn Christianson, perennial weeds  
 Steven Ellefson, barley breeding  
 James Faller, HRS wheat breeding  
 Hal Fisher, oat breeding  
 Roger Gnoch, barley breeding  
 Joan Gordon, wheat cytogenetics  
 Burton Johnson, crop production  
 Gerald Johnson, HRW wheat breeding  
 Daryl Klindworth, wheat genetics, USDA  
 Margaret Klindworth, durum genetics  
 James Liedahl, hybrid wheat breeding  
 Lyle Lindberg, flax-soybean breeding  
 \_\_\_\_\_, sunflower breeding, birds  
 John Luecke, sugarbeet weed control  
 Carl Madsen, HRS wheat breeding  
 Marvin Mayer, Motor Vehicle Mechanic I  
 Wayne Norby, forage crop production  
 Dale Rehder, sunflower breeding, USDA  
 Ronald Roach, weed control  
 Jody VanderWal, dry bean breeding  
 Duane Wanner, corn breeding  
 \_\_\_\_\_, weed control  
 \_\_\_\_\_, sugarbeet physiology, USDA  
 \_\_\_\_\_, sugarbeet breeding, USDA