

January 1, 1979, for 1978

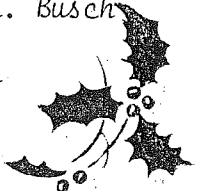
Dear Former Agronomists at NDSU, and families,

We wish you a happy and prosperous and peaceful 1979, because some of you may be in countries in turmoil, and then the whole world could stand some peaceful years ahead too, and allow funds to be used for peaceful pursuits rather than military. I am about as late as usual in getting this letter underway, but no volunteers so far to get it out earlier!

Allan Mann and his helpers delivered a Christmas party program commentary on a 1990 Christmas letter or similar "mailed in March" along with other "legs that got pulled," but I'll try not to get later and maybe even on time if other "desperate to frantic" job deadlines would let up. Then, with unused vacation time accumulated, I tend to slack off a little in the holiday period if possible--guess others do too because Walster Hall gets quieter. Good thing. We hope you all had happy holidays, or will at some time during the year, whatever your culture and customs.

1978 has been a very busy and productive year for Agronomy, NDSU, and I will give you some of the details later in this letter. I have just summarized from my appointment calendar alone, and do not see how all got done along with the daily routine. We had 13 Wheat Trade Teams alone, from one person for a summary program to a "delegation" from the Peoples Republic of China for which we provided an all day program at the Holiday Inn and on campus. The PRC people were impressed by many things, I believe, among them our ability to increase new varieties over 7 million times in a 15 month period using 2 crops in North Dakota and two in winter in south, and the machinery display of small and large implements we set up near Waldron Hall. Also, we had many summer visitors, over a hundred visitors alone in connection with the International Sunflower Conference which had a postconference tour to NDSU and North Dakota, and many straggler visitors both before and after the conference. Lars Jensen helped out as visitor coordinator during the summer and early fall because of so many visitors. Also, included was another visit from SYNPRODUR in September enroute to the International Cereals Congress at Winnipeg. SYNPRODUR is a syndicate of durum producers, breeders, processors and merchandisers from France who were here in 1969. We entertained them with an organized luncheon at Edgewood Inn and provided a good tour on campus before they went on to Agronomy Seed Farm, North Dakota State Mill and Elevator and to Langdon Station enroute to Winnipeg.

We have lost some good faculty in 1978--Mel Anderson to North American Plant Breeders, Bob Busch to USDA, Minnesota, John Erickson to DeKalb, and David Ebeltoft retired September 1, 1978. However we have replaced Dr. Busch with Dr. Ken Kofoid, recent Nebraska graduate; Dr. Anderson with Dr. Jerome Franckowiak, experienced agronomist and former Postdoc with Dr. Maan, many of you will remember; and have interviewed and offered



positions to candidates to replace Dr. Erickson and Dr. Ebeltoft. We have employed some very good new people and sometimes new ideas and new stimuli from new people can be very positive. I am confident we have good new people to maintain our good Agronomy faculty. Also, as I write December 31, Dr. Hodgson, plant physiologist and weed scientist in the M. and R. Lab, has left to take leadership of a laboratory in Maryland. Also, Dr. Glenn S. Smith retired officially June 30, 1978, but continued temporary this past summer to provide a full time scientist in our wheat genetics project. Also, Dr. Ebeltoft is helping part time in Seedstocks and Dr. LeRoy Spilde is very generously helping us by teaching Agronomy 303, Seed Production and Processing. Also, Dr. Peter Fay, and Dr. Chris Mulder, temporary Research Associates, left to take jobs at Montana State University, and in South Africa, resp. Ms. Carol Somody replaced Dr. Fay in the Wild Oat Pilot project. Dr. William Donald, Research Associate with Dr. Shimabukuro, also has gone to Colorado State as weed scientist, and we have one or more good candidates to replace him. Dr. Larry Campbell has come to NDSU as sugar-beet geneticist and candidate for Adjunct Professor after one year probation period.

We have had some other staff changes too. Debbie Mueller has replaced Susan Ulwelling as Clerk Typist--Sue had been with us for several years; and Diane Olsen has replaced Karen Hearner as Clerk Typist. We have one Clerk Typist position upgraded to Secretary I and Elaine Dobrinz has accepted that position which is expansion of temporary part-time position she has had. Gordon Auwarter, Agricultural Technician, has gone with Sigco, the company of Dr. Gary Fick, and replaced by Curtis Thompson. David Langerud went back to dairy farming and replaced by James Faller. Russ Mathison has taken a position with Agronomy at Minnesota--we have a good candidate to replace Russ.

Agronomy has produced 17 M.S. degree candidates and 6 Ph.D.'s since last year through the end of December, 1978. Ph.D.'s at Commencement were Danny Gigax and Roger Ward, and Wayne Olson, James Henson, Javier Salinas, and Mario Salazar since Commencement. Mario finished just in time to get back home to Obregon December 24 eve. Completing M.S. degrees were Joe Aqua, Jeff Ault, Gordon Auwarter, Jesus Cedeno, Jay Fisher, Loren Fisher, Homayon Ghiasi, Domingo Luizzi, H. Allan Mann and James Oard for Commencement, and since, Gillian Hennessy, Michele Beguhn, Ricardo Davila, James Stewart, Dale Aaberg, and Robert Benson. This may be the most M.S. candidates in any year so far.

Prior to Mario Salazar and Robert Benson finishing in late December, Agronomy had 60 graduate students registered on campus or pending completion of degrees, probably the most ever. New students are Ahmed Ajeena from Iraq, Soliman El-Sebai from Libya, Charles The, Pauline Zekeng and Jean Tonye from Cameroon, Harouna Dosso from Ivory Coast, and from the United States, Hal Fisher, Greg Gillespie, Arron Guenzi, Margaret Hollenhorst, William Laskar, Robert Law, Roy Luedtke, Joan Lish, Duane Rathmann, Carol Somody, Barbary Stolz, and Arlo Thompson.

New Postdocs from Poland in the Church of Brethren Exchange program are Eugeniusz Kolata and Marek Stuczynski, and returning for a second time but since returned to Poland was Adam Dobrzanski. Dr. Tetsuo Sasakuma completed a Postdoc with Dr. Maan and has returned to Japan.

As usual, our students and faculty have presented many papers at ASA, CSSA, WSSA, and at the North Central Weed Control Conference. Dr. Messersmith continued as Editor of the NCWCC proceedings. Many papers, project proposals, etc. have been edited in the department this year. If you have completed an M.S. or Ph.D. and your thesis is or was publishable, have you prepared it for publication? If not, you should do so now, set a goal to prepare the paper in the next six months or sooner, and get it to us. You have an obligation to yourself, your advisor, and the department to prepare the research for publication or it does little good in the scientific

community. The Sunflower Monograph, "Sunflower Science and Technology," in process for a couple of years, and edited by Dr. Carter, was published in November, 1978, and is available at \$14 to members, \$17.50 to non-members.

NDSU is changing and enrollment increased again in 1978 to over 7600 students. About 120 majors are in Agronomy with more transferring in regularly and good jobs available for those who graduate each year. Class enrollment continues to increase with Walster 221 now being used for some of our teaching labs. Bison football was moderately successful with a winning season and interesting games, but with other good teams in the conference, some losses can and do occur.

The physical campus continues to change. Animal Science and Entomology are in the new Ag. Science building, now called Hultz Hall. Our Corn Seedhouse is now called Wiidakas Laboratory in honor of long time corn breeder Bill Wiidakas. We have about 10 offices on third floor Walster and all the main offices of former Horticulture and Plant Pathology are occupied by Agronomy graduate students. The Plant Pathology main office replaces former Animal Science main office. Walster 219 is used as small lecture room by us and others to good advantage. The renovated Wiidakas Laboratory provides excellent research workrooms for several projects, plus expanded cold storage in the basement for seed storage. Dr. Deckard has moved his laboratory to Walster Hall 213-213A. The Walster 222-224 former graduate student offices are now AT and study areas for students as is Walster 215. This provides more study space and decreases the many activities in Walster 245 prep room. A new addition to the NDSU library is under construction. The overpass of railroads on 12 Ave. N. is finished and in use. We are hoping to obtain much more glasshouse and headhouse space and central AC for Walster Hall from the next Legislature which convenes in a day or so at Bismarck.

The 1978 crop year was good in North Dakota with near record of most crops and record sunflower seed production at near 2 million acres. Economic returns from sunflower are very favorable but the farmer needs to make a profit on some crops.

Agronomy has had hundreds of foreign visitors in 1978. We have presented programs to 13 Wheat Trade Teams in 1978, mostly during the summer period, June to September. A couple of these were short programs to only one person, one a major program to a large group from the Peoples Republic of China. Also, as indicated earlier we had many visitors including a postconference tour from the International Sunflower Conference and recruited Lars Jensen to coordinate all these visitors along with some others interested in other crops. Our faculty traveled some too. Dr. Nalewaja was invited to speak on Annual Weed Control to the Australian Weed Science Society and at some universities. Dr. Mitich was on the CIWA-Geigy tour as Outstanding Extension Weed Control Scientist of WSSA. Dr. Maan and Dr. Joppa traveled from Fargo to the International Wheat Genetics Symposium in India, and Dr. Quick also went from England before returning here from his Developmental Leave at Cambridge. Dr. and Mrs. Glenn Smith were in Uruguay, Glenn as wheat expert consultant. They will return to Uruguay in February, 1979, to consult on revised curriculums to train agronomists. Dr. Foster went to Philippines again in 1978 as barley breeder consultant with the Sam Miguel Corporation.

Our faculty has received some outstanding awards in 1978. Dr. Carter presented the NDSU Faculty Lectureship February 21, 1978, and has been President of CAST since February 24, 1978. Dr. Maan received his first of three cash awards as the first Fargo Chamber of Commerce Distinguished Professor at the Honors Day Luncheon in May, 1978. Dr. Mitich received the CIWA-Geigy award mentioned above as Outstanding weeds extension person by WSSA. Dr. Ebeltoft and Dr. Quick received awards in North Dakota, the former for outstanding contributions to the seedstocks industry, and the latter for durum breeding contributions. Dr. Carter also was made an Honorary Member of FarmHouse fraternity, one of two so recognized in U.S. in

1978--the other person was another agronomist, Dr. Anson Bertrand, new Director of SEA, USDA. Among other achievements in 1978 were releases of 5 new varieties, Glenn (in honor of Glenn Peterson) and Park barley, Calvin and Edmore durum, and Coteau hard red spring wheat. Further, our application for a patent on a suggested new system for hybrid wheat production of Dr. Maan (cooperating with Dr. Franckowiak and Williams) was granted. Two of our undergraduate students placed in student competition at the annual ASA meetings in Chicago, Vince Ulstad was third in the speech contest and Mark Anfinrud was first in the photography contest.

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 Oak Manor with about 80 attending. Dr. LeRoy Spilde was emcee and a short, but good, program by students with Allan Mann was included. The fall picnic was attended by about 150 people--sweetcorn production was good in 1978 with Illinois supersweet better than ever, but wormy. A group of our NDSU Agronomy alumni get together in Mexico City also at holiday time, and we send our best wishes.

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 Chicago and recent North Central Weed Control Conference, Minneapolis 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.

We hope that you had a Merry Christmas or other holiday season, and will have a happy, healthful and successful 1979. 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! 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
Professor and Chairman

AGRONOMY FACULTY

J. F. Carter, Professor and Chairman
 W. S. Ball, Extension, Crops
 Reed E. Barker, Adjunct, Prof., Forage Crop Genetics (USDA, Mandan)
 Duane Berglund, Extension, Crops
 Larry Campbell, Sugarbeet Genetics (USDA)
 D. F. Cole, Adjunct Prof., Sugarbeet Physiologist (USDA)
 H. Z. Cross, Assoc. Prof., Corn Breeding
 E. L. Deckard, Assoc. Prof., Crop Physiology
 A. G. Dexter, Assoc. Prof., Extension, Weed Science, Sugarbeets
 - - - - - , Research Associate, Weed Physiology
 D. C. Ebeltoft, Professor, Emeritus, Retired
 - - - - - , Prof., HRW Wheat Breeding
 A. E. Foster, Professor, Barley Breeding
 J. D. Frankowiak, Assoc. Prof., Barley Breeding
 R. C. Frohberg, Professor, Wheat Breeding
 J. J. Hammond, Assoc. Prof., Flax Breeding
 - - - - - , Adjunct Prof., Plant Physiologist (USDA)
 L. R. Joppa, Adjunct Prof., Durum Genetics (USDA)
 K. D. Kofoid, Assis. Prof., Wheat Genetics
 K. A. Lucken, Professor, Hybrid Wheat
 H. R. Lund, Professor, Director, Experiment Station
 S. S. Maan, Professor, Wheat Cytogenetics
 M. S. McMullen, Ass't. Prof., Oat Breeding
 C. G. Messersmith, Assoc. Prof., Weed Science
 D. W. Meyer, Assoc. Prof., Forage Crops
 J. F. Miller, Research Geneticist, Flax and Sunflower Breeding (USDA)
 S. D. Miller, Ass't. Prof., Weed Science
 L. W. Mitich, Professor, Extension, Weed Science
 J. D. Nalewaja, Professor, Weed Science
 J. S. Quick, Professor, Durum Wheat Breeding
 W. W. Roath, Research Geneticist, Sunflower (USDA)
 P. C. Sandal, Professor, Forage Crop Breeding
 A. B. Schooler, Professor, Barley Cytogenetics
 A. A. Schneiter, Assoc. Prof., Specialty Crops
 R. H. Shimabukuro, Adjunct Prof., Plant Physiologist (USDA)
 Carol Somody, Research Assistant, Weed Science
 G. S. Smith, Professor, Emeritus, retired
 D. A. Whited, Assoc. Prof., Soybean Genetics
 N. D. Williams, Adjunct Professor, Wheat Genetics (USDA)

RESEARCH ASSISTANTS IN AGRONOMY:

David Chandler, Hybrid Wheat
 Roy Johnston, Durum Wheat Breeding
 Galen Schroeder, Weed Control, Sugarbeets
 Carol Somody, Weed Control

SECRETARIES, 1978

Janet Matzek, Secretary III
 Virginia Levenson, Secretary I, Ext.
 Eileen Buringrud, Secretary I
 Elaine Dobrinz, Secretary I
 Margaret Slykerman, Clerk Typist I
 Debbie Mueller, Clerk Typist I
 Diane Olsen, Clerk Typist I

RETIRED:

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

AGRONOMY GRADUATE MAJORS FALL QUARTER, 1978

Sufi Ahmed - AID, Bangladesh
 Ahmed Ajeena - Self support, Iraq
 Michele Beguhn - Self support
 Robert Benson - Self support
 Jerry Bloms - GRA
 Thomas Bybee - GRA
 David Chandler - Self support
 Juan Dominguez - Self support
 Harouna Dosso - AFGRAD, Ivory Coast
 Patrick Duhigg - GRA
 Soliman El-Sebai - Self support, Libya
 Richard Evans - GRA
 Hal Fisher - Self support
 Duane Flom - GRA
 Pat Fuerst - GRA
 Luis Garcia - Self support
 Greg Gillespie - GRA
 Homayon Ghiasi - Self support, Iran
 Arron Guenzi - GRA
 Will Harada - Self support
 James Henson - GRA
 Frederick Holbrook - GRA
 Margaret Hollenhorst - Self support
 Burton Johnson - Self support
 Roy Johnston - Self support
 Vafa Kamali - Self support, Iran
 William Lashar - GRA
 Robert Law - GRA
 Roy Luedtke - GRA
 John Lukach - Self support
 Joan Lish - GRA
 H. Allan Mann - GRA
 Bruce Monson - GRA
 Frank Moser - GRA
 Barry Nagle - GRA
 Ben Nelson - GRA
 William Niehaus - GRA
 Robert Nowatzki - Self support
 Eke Onuoha - Self support, Nigeria
 Alfonso Palafox - CONACYT, Mexico
 Ghazanfar Rashid - IIE, Pakistan
 Dennis Rasmussen - Self support
 Duane Rathmann - GRA
 James Retzinger, Jr. - GRA
 Hosseinali Rubani - Self support, Iran
 Mario Salazar - CONACYT, Mexico
 Hossein Sayfekar - Self support, Iran
 Galen Schroeder - Self support
 Carol Somody - Self support
 Barbara Stolz - GRA
 Charles The - AFGRAD, Cameroon
 Arlo Thompson - GRA
 Jean Tonye - AFGRAG, Cameroon
 Seiichi Tsuji - GRA, Japan
 Robert Weigelt - GRA
 Mark Weinreich - Self support
 Zeno Wicks, III - GRA
 Tom Wilson - GRA, Canada
 Les Wright - Self support
 Pauline Zekeng - AFGRAD, Cameroon

POSTDOCTORAL FELLOWS, 1978

Adam Dobrzanski, NDSU/CB, Poland
 Eugeniusz Kolota, NDSU/CB, Poland
 Marek Stuczynski, NDSU/CB, Poland

TECHNICIANS AND OTHER CLASSIFIED, 1978

Robert Baumann, HRS wheat
 Kay Carlson, wheat cytogenetics
 Eldien Edinger, durum wheat, USDA
 James Faller, HRS wheat
 Roger Genoch, barley
 Joan Gordon, wheat cytogenetics
 Harold Hicckel, durum wheat
 Burton Johnson, crop production
 Gerald Johnson, HRW wheat
 Merlin Lyon, flax genetics, USDA
 James Liedahl, hybrid wheat
 Lyle Lindberg, flax, soybeans
 Carl Madsen, HRS wheat
 , oat breeding
 Wayne Norby, forage crops
 Jane Piersall, durum genetics, USDA
 Dennis Rasmussen, sugarbeet weed control
 Dale Rehder, sunflower, USDA
 Ronald Roach, weed control
 Allen Schmidt, durum wheat, USDA
 Merle Skunberg, barley
 Curtis Thompson, weed control
 Duane Wanner, corn breeding
 Garrett VanWatermulen, Motor Vehicle Mech. I