

# Northwest School News

Four issues published annually by the Northwest School of Agriculture, University of Minnesota, Crookston. Entered as second class matter, December 2, 1916, at the Post Office at Crookston, Minnesota, under the Act of August 24, 1912.

VOLUME XLIV

Crookston, Minnesota, Jan., Feb., March, 1960

NUMBER 1

## 96 To Graduate - Commencement, March 25

Ninety-six seniors will be awarded their diplomas at the 52nd annual Commencement to be held at the Northwest School of Agriculture on Friday afternoon, March 25. The Commencement exercises will be held at two o'clock in Kiehle auditorium. Dr. George W. Starcher, president of the University of North Dakota, Grand Forks, will give the Commencement address.

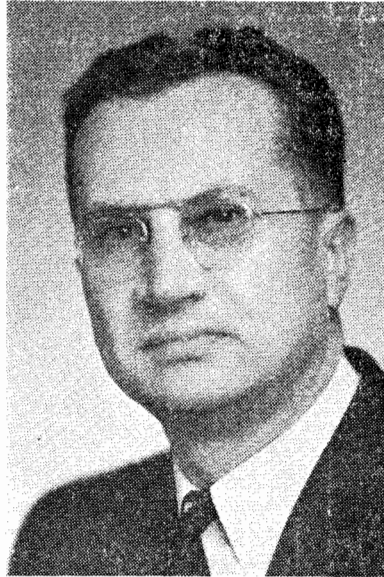
Baccalaureate services will be held at the school on Sunday, March 20, at 8:00 p.m. The Reverend Stanley M. Johnson of Crookston will give the Commencement sermon. Following the Baccalaureate services, the seniors will be guests at a reception for the graduating class given by Superintendent and Mrs. B. E. Youngquist and Principal and Mrs. E. N. Reiersgard.

Russell Schumacher, Drayton, N. Dak., has been named as the student with the highest scholastic standing in the graduating class; second highest ranking student is Gary Mattson of Mayville, N. Dak. In addition to the two highest ranking students named, eight other students are on the scholastic list of ten highest seniors. In order of scholastic rank, they include: Gary Ovsak, Euclid; Bette Hovet, Thompson, N. Dak.; Richard A. Danielson, East Grand Forks; Roger Diedrich, Warren; Ronald Dufault, Red Lake Falls; Robert Luxenburg, Red Lake Falls; Curtis Ellingson, Reynolds, N. Dak., and Francis Ackerman, Thompson, N. Dak.

## 85 Students Guests At Honors "A" Banquet

Members of the "A" Club at the Northwest School were honored guests at a banquet held in the Aggie Inn of the Dining Hall on March 16. Eighty-five students, winners of the "A" award in student extra-curricular activities, were guests. Coaches of teams in subcollegiate contests as well as ad-

(Continued on Page 2, Col. 3)



**DR. GEORGE W. STARCHER**  
Commencement Speaker

## Seniors Stage Humorous Three-Act Play

"Aaron Slick from Punkin Crick" was the three-act rural comedy presented by the Senior class at the Northwest School on March 10. The play was under the direction of Robert Dornquist, a member of the English faculty. Students in the cast were Jerry Tjon, Twin Valley; Glenda Porter, Grandin, N. Dak.; Jane Stromstad, Lockhart; Russell Schumacher, Drayton, N. D.; Roberta Bohnsack, Hillsboro, N. Dak.; Wallace Philipp, Thief River Falls; Ethelyn Brandli, Warroad; Sandra Kay Tvinnereim, Manvel, N. Dak.; Rodger Kluzak, East Grand Forks; Terry Nelson, Ada; and Bette Hovet, Thompson, N. Dak.

This play, written in 1919 by Beale Cormack, has long been a favorite of high school audiences. Both the setting, an Oklahoma farm, and the basic situation, the city slicker versus the farmer, made this play especially appropriate and interesting for Northwest School students.

Members of the senior class assisting were: Costumes — Jeanette Thureen, East Grand Forks; Celeste Nelson, Warroad; Colleen Bruhn, Ulen; Tickets—Kenneth Beckman, Blanchard, N. Dak.;

(Continued on Page 2, Col. 2)

## Music Groups Present Spring Concert

A spring concert was presented by music groups of the Northwest School of Agriculture on Sunday afternoon, March 20. The program was given at 1:30 p. m. in Kiehle auditorium.

Music groups taking part in the concert were the school band, mixed choir, and girls' glee club; also, there were several vocal solos and duets by members of the music groups. The vocal groups were under the direction of Mrs. Carlin Berg, music instructor at the school; school band director, Jack Harris, directed the band.

## Two NWS Alumni Receive Valley Farmer And Homemaker Award

Sixteen farm families—one from each of the Red River Valley counties — received special recognition at a banquet held on February 25 in conjunction with the Red River Valley Winter Shows and Northwest School Farmers' Week, Crookston. They received the Valley Farmer and Homemaker Award which is sponsored by the Red River Valley Development Association. Since the inauguration of this award at the Winter Shows in 1942, there have been 352 farm families honored. Those honored are selected by a special county committee in their respective counties for their leadership in rural community life, improvement of their farmsteads, and contribution toward betterment of crops and livestock in their counties.

Receiving the award this year were two Northwest School graduates and three former students. Alumni who received the award were Lawrence O. Peterson, Lockhart, '31, and Robert W. Larson, Crookston, '30. Former students presented the award were Laurence Ward, St. Vincent, Sp. 1930-31; Oscar Oswald, Newfolden, 1919-20; and Alfred Hallstrom, Red Lake Falls, 1908-10.

Honor plaques were awarded to the following county winners: Mr. and Mrs. George L. Scherzer, Callaway;—Becker; Mr. and Mrs. Russell Wahl, Hitterdal—Clay; Mr. and Mrs. Orvin Torgerson, Gonvick—Clearwater; Mr. and Mrs. Laurence C. Ward, St. Vincent — Kittson; Mr. and Mrs. Hilding Olson, Baudette—Lake of the Woods; Mr. and Mrs. Theodore Wendt, Mahnomen—Mahnomen; Mr. and Mrs. Oscar Oswald, Newfolden — Marshall; Mr. and Mrs. Lawrence O. Peterson, Lockhart—Norman; Mr. and Mrs.

(Continued on Page 2, Col. 3)

## Northwest School News

Issued Quarterly by  
THE UNIVERSITY OF MINNESOTA  
NORTHWEST SCHOOL OF  
AGRICULTURE

B. E. Youngquist, Superintendent

Office  
Northwest School and Exp't. Station  
Crookston, Minnesota

### Awards Given For 1960 Winter Shows Championships

Winners of championship awards at the Red River Valley Winter Shows and Northwest School Farmers' Week at Crookston, February 22-26, who received bronze plaques or other types of award were:

**LIVESTOCK:** Ward Bros., St. Vincent—Best Swine Herd, open class; Edgar and Arlen Olson, Fosston—Best Sheep Flock, open class; Ronald and Kenneth Baker, Ada—Best Beef Herd, open class; James R. Muzzy, Thief River Falls—Best Dairy Herd, open class. Herdsman Awards—first place: Robert Gee, Moorhead, sheep; Gaylan Larson, Halstad—swine; Darwin McTaggart, Campbell—dairy; Ronald and Kenneth Baker, Ada—beef. Harvey Werk, Herman—Jr. and Grand Champion Stallion, Pony Show.

**FUTURITY LIVESTOCK:** Marvel Sinner, Moorhead—Jr. Grand Champion Sheep; Allan Ward, St. Vincent—Jr. Grand Champion Swine; Kathy Gronseth, Rothsay—Jr. Grand Champion Beef; Joan McTaggart, Campbell—Jr. Grand Champion Dairy. Reserve Championships: James Hulteen, Clearbrook—sheep; Rodney Spokely, Nielsville—swine; Donald Strickler, Euclid—beef; Leon Bitker, Ada—dairy. Showmanship championship: Arlen Olson, Fosston—sheep; Allen Erickson, Fertile—swine; David Gilbertson, Ada—beef. John McTaggart, Campbell—dairy.

**CROPS—Open Class:** Charles Harseth, Kennedy—Best Sample Small Grain; Henry Flaskerud, Fosston—Legumes, Best Sample in Show; Robert Larson, Crookston—Corn, Best Sample in No. District; Roy Brendemuhl, Moorhead—Corn, Best Sample in So. District; Henry Flaskerud, Fosston—Master Crop Grower Award; Allie Rebarckek, Graceton—Potato Sweepstakes Award. **BARLEY SHOW:** Leland Lofgren, Felton—Sweepstakes Award. **MASTER SILAGE AWARD:** David Gilbertson, Ada.

**CROPS—4-H Class:** Potatoes—David Rebarckek, Graceton—Sweepstakes Award; Neil Rebarckek, Graceton—Reserve Sweepstakes; Corn—Wesley Hamer, Glyndon—Sweepstakes; Drew Larson, Crookston—Reserve Sweepstakes; Grain—Daniel Evert, Sabin—Sweepstakes; Ardis Tabbatt, Sabin—Reserve Sweepstakes.

**POULTRY—Tom Botko, Warren—Champion Cock Bird; John Thomforde, Crookston—Champion Hen.**

There were awards presented also for crops judging contests, livestock judging contests, 4-H speech contests, 4-H dairy demonstration contests, and spelling contest.

## Northwest School Briefs

### \*\*\*News Regarding Northwest School Alumni, Former Students, and Faculty:

\*\*\*PFC Harlan A. Miller, '54, of Crookston, is in the U. S. Army and stationed at Fort Campbell, Kentucky. Mr. and Mrs. Miller live at 1308 Sunny View Drive, Clarksville, Tennessee.

\*\*\*Army Pvt. Harold A. Diedrich, '59, of Warren, has completed the automotive maintenance helper course at Fort Leonard Wood, Missouri. He entered the Army last September and completed basic combat training at Fort Leonard Wood.

\*\*\*Pvt. Rodney Twamley, '59, of St. Vincent, enlisted in the Army on November 24, 1959. He is now receiving basic training at Fort Ord, California. Marlin Twamley completed four years in the Navy in November and has enlisted for another 6 years in the U. S. Navy.

\*\*\*William E. Pond of Grand Forks, N. Dak., instrumental instructor at South Junior High School, Grand Forks, was appointed recently as band master for Central High School, Grand Forks. Mr. Pond served as band director at the Northwest School for the school years of 1952-53 and 1953-54.

### Marriages

\*\*\*Miss Marjorie Seebart to Lyle Mauland of Cottonwood, Minnesota, on December 22, 1959, at Grand Forks, North Dakota. Mrs. Mauland is a member of the Northwest School faculty.

\*\*\*Miss DeVonne Marie Sallee, of Shevlin, to Dannie A. Barton, of St. Paul, on January 28. Their address: 181 University Ave., Apt. 2c, St. Paul, Minnesota.

### Births

\*\*\*To Mr. and Mrs. Jaroslav Kruta of Crookston, a son, Clark Jay, on December 23, 1959, at Crookston.

\*\*\*To Mr. and Mrs. Henry Troska, a son, Keith Robert, on November 28, 1959. Their address: 155 Joliet St., S. W., Apt. 1B, Washington 24, D. C.

\*\*\*To Mr. and Mrs. Lyle Kasprick (nee Harriet Lydick), a son, Mark Gerard, on January 19. Their address: 3042 Highway No. 8, Minneapolis 18, Minnesota.

\*\*\*To Mr. and Mrs. Lloyd Kasprick, a daughter, Lori Jean, on December 26, 1959. Their address: Angus, Minnesota.

\*\*\*To Mr. and Mrs. Gordon Vind of Crookston, a son, on December 4, 1959.

### Seniors Stage Play . . .

(Continued from Page 1)

Kenneth Straus, East Grand Forks; Ushers—Stanley Hotvedt, East Grand Forks; Judy Ann Kresl, Angus; Richard Danielson, East Grand Forks; and Evelyn Osowski, Oslo. Leon Flancher, of the English staff, and the Stage Crew Club gave their assistance also.

### Ten New Members Elected To National Honor Society

The annual Induction Ceremony for new members of the Northwest School Chapter of the National Honor Society was held March 21 at a special assembly.

Students elected to the Northwest School Chapter this year are: Kenneth Straus, East Grand Forks; Francis Ackerman, Thompson, N. Dak.; Ronald Dufault, Red Lake Falls; Russell Schumacher, Drayton, N. Dak.; Myrna Anderson, Mayville, N. Dak.; Eric Fehr, East Grand Forks; Leeila Tvinnereim, Manvel, N. Dak.; Allen Johnson, Kempston, N. Dak.; Janice Steinhauer, Thief River Falls; and Loretta Hanson, Reynolds, N. Dak.

In addition to the new members named, National Honor Society members in attendance at the school this year are Jane Stromstad, Lockhart; Gary Mattson, Mayville, N. Dak.; Gary Ovsak, Euclid; JoAnn Gunderson, Buxton, N. Dak.; Roger Odegaard, Crookston, and Bette Hovet, Thompson, N. Dak.

E. N. Reiersgord, principal, is adviser to the Chapter.

### Two NWS Alumni Receive Awards . . .

(Continued from Page 1)

Albert A. Olson, Parkers Prairie, E. Otter Tail; Mr. and Mrs. Morris Haugrud, Pelican Rapids—W. Otter Tail; Mr. and Mrs. Alfred Hallstrom, Red Lake Falls—Pennington; Mr. and Mrs. Harold Steile, Gully—E. Polk; Mr. and Mrs. Henry Jobe, Eldred—W. Polk; Mr. and Mrs. Robert W. Larson, Crookston—Red Lake; Mr. and Mrs. Theodore C. Smith, Greenbush—Roseau; and Mr. and Mrs. Fred Westfall, Rothsay—Wilkin.

### Honors "A" Banquet . . .

(Continued from Page 1)

visers for other "A"-award activities were guests also.

Howard Casmey, superintendent of the public schools at Ada, was guest speaker and his subject was "The Value of Athletics in Our Modern Way of Life."

### Northwest School . . . .

### . . . . Coming Events

- March 20—Spring Concert  
Baccalaureate  
Reception to Senior Class
- March 23—Junior-Senior Music  
Recital
- March 25—Commencement, 2 p. m.
- March 28—Schools of Agriculture  
Staff Conference
- April 18—F.F.A. Judging Contests
- June 13—  
17—4-H Club Week, NWS
- June 21—  
24—Women's Camp

## BASKETBALL TEAM COMPLETES SEASON WITH 14 VICTORIES

By H. H. Lysaker, Coach

The Northwest School basketball team won fourteen and lost seven games during their regular season and tournament play, scoring 1133 points against 924 for the opposition. The per game average was 53 points against 44 points for the defensive average. The Northwest Aggies this year used a fast-breaking style of play, and in most games made it very interesting for the spectators with their speed and accurate passing.

In the Minnesota Agricultural School Conference, the Aggies won five out of five games to earn the state Aggie basketball title.

Boys earning letters in basketball this year are: Senior—Martin Wall; Juniors—Dale Helm, Robert Jensen, Paul St. Germain, Allard Carlson, Ronald Carlson, Stephen Mutchler, Allen Woitzel, Bill Austin; Sophomore—Richard Olson.

In addition to the nine lettermen coming back, we will have all the boys from a fine "B" team. The "B" team, which serves as a feeder for the "A" team, won fifteen ball games. A lot of competition will be expected for "A" team positions next season.

## Tournament Closes Season For Aggie Wrestlers

By J. I. Kruta, Coach

The Northwest School wrestling team ended its season with a record of 13 wins and 4 losses. The losses came against North Dakota Agricultural College freshmen in two meets (both by close scores), one loss to Frazee High School (by 2 points), and one loss to Grand Rapids High School.

In competition with 16 other schools, the Northwest Aggie wrestlers won the North Dakota Agricultural College Invitational Christmas Tournament. They placed second, with 94 points, in the Schools of Agriculture Wrestling Tournament; Morris, the winner, had 97 points.

The Aggie "B" team also tried its hand against first string competition. They lost one meet to Greenbush and one to Shanley High School. They won two meets over the Crookston Central "A" team and the Thief River Falls "B" team. They also won once over the Bemidji "B" team.

Members of the wrestling team were: Terrance Nelson, Kenneth Straus, Francis Ackerman, Gene and Gary Ovsak, Roger Diedrich, Leonard Hoselton, Richard Hutton, Edward Huot, Arthur Loyland, Jr., Don Kaml, Gerald Helgeson, Rodger Kluzak, John Tucker, Odell Nelson, Adrian Van Dellen, Milton Schumacher, Gary Tvinnereim, Gary Mattson, James Kulwicki, and Phillip Reep.

## Students Receive Home Project Awards

Jeanette Thureen of East Grand Forks and Gary Ovsak of Euclid received the Championship awards in student summer home project work for 1959. Recognition was given to all winners in 1959 home project work at an awards assembly held at the Northwest School of Agriculture on January 12. Jeanette won the award in home economics projects and Gary won the award in boys' agricultural and other projects. Judy Ann Kresl of Angus received the Reserve Sweepstakes award in girls' projects.

Blue Ribbon winners in the girls' home economics projects were: Norma Smith, Cummings, N. Dak.; Linda Hanson, East Grand Forks; Leila Mae Tvinnereim, Manvel, N. Dak.; Shirley Sheldon, Bagley; Georgia Ovsak, Euclid; Gretchen Connelly, Sabin; Charlotte Olson, Reynolds, N. Dak.; Glenda Porter, Grandin, N. Dak.; Donna Babinski, Minto, N. Dak.; Sandra Tvinnereim, Manvel, N. Dak.; JoAnn Gunderson, Buxton, N. Dak.; Bette Hovet, Thompson, N. Dak.; Judy Kresl, Angus; Ruth Sheldon, Bagley; Mary Ostrem, Felton; Louise Schroder, Meckinock, N. Dak.; Jane Stromstad, Lockhart; Janice Steinhauer, Thief River Falls; Myrna Anderson, Mayville, N. Dak.; Jeanette Thureen, East Grand Forks. Also winning awards in Horticultural projects were: Linda Hanson, Jeanette Thureen, and Norma Smith.

Blue Ribbon winners in boys' agricultural and other projects were: Gene Ovsak, Euclid; Lowell Johnson, Stephen; Jeff Meyer, Gardner, N. Dak.; James Jensen, Badger; Harvey Peterson, Kempton, N. Dak.; Loren Molskness, rural Crookston; Donald Strickler, Euclid; Gary Ovsak, Euclid; William Austin, Baker; Stanley Haugen, Manvel, N. Dak.; Ronald Houska, Grafton, N. Dak.; Rodger Kluzak, East Grand Forks; LeRoy Guttormson, Georgetown; Allen Johnson, Kempton, N. Dak.; Duane Trudel, Pembina, N. Dak.; Deane Scharmer, Drayton, N. Dak.; Richard Gutheridge, Humbolt; Arthur Loyland, Jr., Thompson, N. Dak.; Donald Dvorak, Warren; Larry Griffin, Meckinock, N. Dak.; Rodger Swanson, Arvilla, N. Dak.; James Breidenbach, Reynolds, N. Dak.; Daniel Straus, East Grand Forks; Allan Sandberg, Bowsmont, N. Dak.; Jerry Letnes, Hillsboro, N. Dak.; Martin Wall, Larimore, N. Dak.; Ernest Dufault, Argyle; Patrick McKeever, Oak Island.

The Erhard A. Anderson Horticultural Award (cash award), for 1959 summer home project work was presented to the following students: Jerry Letnes and Arthur Loyland, Jr.—Potato Project; Linda Hanson; Keith Ramberg, Mentor; and Jeanette Thureen—Home Beautification project; Loren Molskness, Norma Smith, and LeRoy Guttormson—Garden Project; and Martin Wall; David Ebertowski of Grafton, N. Dak.; and Roger Odegaard, rural Crookston—Windbreak project.



Pictured above are Jeanette Thureen of East Grand Forks and Gary Ovsak of Euclid who were presented the 1959 summer home project championship awards at the Northwest School on January 12. Jeanette received the championship award for girls' home economics projects and Gary received the championship award in boys' agricultural project work. In addition to the championship awards, there were 56 Blue Ribbon awards and 11 Erhard A. Anderson Horticultural Awards—cash awards.

## For Higher Crop Yields, Select Approved Varieties

By O. C. SOINE, Agronomist

Farming is primarily a business of crop production, and getting increased yields per acre should be the aim of every farmer. The type and variety of grain are important factors in obtaining this increased yield per acre. An important function of the agronomy department at the Northwest School and Experiment Station is developing, testing, and recommending the best varieties of small grains for this area. Several years of greenhouse and field testing are behind every variety of grain that is finally released and recommended to the Growers of this area.

There are several factors which contribute to a good yielding variety of grain. A variety must be adapted to the climate and soils of the area, resistant to common diseases, possess good quality, and good standing ability. Every variety of small grain released by the University of Minnesota has at least a three-year pedigree of actual field testing for each of these traits. A new variety of wheat that has good yielding ability but poor baking and milling qualities will not be recommended because it will produce poor quality flour and bread. A new variety of barley with poor malting qualities will have no advantage in the market place because it will not attract top prices paid for malting barley. So it is important that farmers carefully select approved, recommended varieties for the 1960 planting.

Much information is available to farmers about these recommended varieties. Two publications that all farmers should have are Extension Folder 22, "1960 Varieties of Farm Crops," and Miscellaneous Report 24, "Varietal Trials of Farm Crops." These publications are available from the Bulletin Room, Institute of Agriculture, University of Minnesota, St. Paul, Minnesota.

**WHEAT:** The best variety of spring wheat for this area is Selkirk, which has been the outstanding yielder for the past several years. It is well adapted to this area, has good resistance to diseases including 15B stem rust, stiff straw, and good baking and milling qualities. Lee wheat is the second choice and has been a good yielder, but is susceptible to race 15B stem rust. It has a stiff straw and good baking and milling qualities.

There are two good recommended varieties of durum for this area; namely, Langdon and Ramsey. Both have good disease resistance, medium stiff straw, and good baking and milling qualities. Langdon has been the highest yielder.

Two new varieties of spring wheat have recently been released by Canada for the prairie provinces where rust is not a factor. Canthatch is a beardless selection from a Thatcher-Kenya backcross. It is similar to Thatcher in leaf

rust susceptibility and yields slightly less than Selkirk. It is not recommended for Minnesota.

Pembina is a beardless selection from a cross of Thatcher x R.L.2564 and has yielded about the same as Selkirk. It also has about the same resistance to stem and leaf rust as Selkirk. This variety will be further tested in Minnesota to determine its adaptability for this area.

Two new durum varieties were released by the North Dakota Agricultural College at Fargo this winter and were named Wells and Lakota. Both of these are selections from a cross of Sentry x LD 379-LD 357 and are very similar in all their characteristics. Both of them are early in maturity, ripening from 2 to 4 days before Langdon. They have shorter and stiffer straw than Langdon which is a desirable trait. These two new selections have better rust resistance including resistance to Race 15B than Langdon or Ramsey. Minnesota is in the process of recommending these two new varieties.

**BARLEY:** There are only three recommended varieties of malting barley for this area and they are Kindred "L", Trail and Parkland. Kindred is the oldest variety and perhaps the least desirable because of its lack of resistance to diseases. It is the lowest yielder of the three varieties, lodges badly and is highly susceptible to Septoria.

As far as yield is concerned, Trail is the best variety to grow. It is medium in maturity, has good standing ability, and fair resistance to barley diseases.

Parkland was recently approved as a malting variety even though it has a blue aleurone. It is a smooth-awned variety, medium in maturity and has good straw.

Due to the severe loose smut infection in our barley last year, farmers should check their barley seed supplies for this coming year. County Agricultural agents throughout this area have been helping the Plant Pathology Department locate good sources of barley free from smut. No barley should be seeded unless it has been checked for loose smut since all the recommended varieties are highly susceptible.

**OATS:** There are several good recommended varieties of oats available for this year's seeding. All of the varieties have good resistance to disease and as a result possess good yielding ability.

Maturity is important in oats and the recommended varieties can be classified as follows: early—Andrew, Burnett, Minhafer, Minton; late — Ajax, Garry, Rodney. Andrew, Burnett, Minhafer and Minton are shortest and have the best straw as measured by standing ability. The other three recommended varieties are taller and have a tendency to lodge, especially if the soil contains an excess supply of ni-

trogen.

There was a rather wide variation in yields last year among the recommended varieties. Garry, with a yield of 96.6 bushels, was the highest, and Minhafer was low with 38.3 bushels per acre. Garry has maintained the highest yield for the past four years in our varietal trials.

There were a few new varieties in our field trials last year; namely, Fundy, Clintland 60, Goodfield, and Glenn. Fundy was developed in Canada and is susceptible to race 8 stem rust and crown rust. It is a tall, medium-maturing, high-yielding variety. This variety needs further testing. Clintland 60 was developed in Indiana and is an early, medium-yielding variety. It has good disease resistance and looks like a promising new oats. However, it needs further testing in field plots. Goodfield is a Wisconsin selection which is early and has a short stiff straw. It has good resistance to disease and is a medium-yielding oat. This variety appeared in our trials for the first time last year and needs further testing. Glenn is another Canadian selection which has good yielding ability, but needs further testing. It is medium in maturity, susceptible to races 7 and 7A stem rust, and crown rust. It also appears slightly susceptible to smut.

**FLAX:** There are five good varieties of flax recommended for this area and all of them have given good performance in field trials over the past years. Marine is the earliest variety, Bolley and Redwood are medium in maturity, and B5128 and Arny are classified as late.

Arny is a relatively new variety and is a selection from a cross of Crystal x Redson which was made at the Minnesota Agricultural Experiment Station. It is highly resistant to wilt, resistant to rust, moderately resistant to pasmo, and has good oil content and quality. This variety should be seeded early for best results.

Another recent variety is Bolley which was developed at the North Dakota Experiment Station. It has good rust resistance, moderate resistance to wilt but is moderately susceptible to pasmo. It is a good yielding variety and has excellent oil quality and content.

The other three varieties have been in field trials for several years and are fairly well known. All of them have good resistance to rust, wilt, except B5128, and are moderately susceptible to wilt.

Another factor that effects yield in flax is date of seeding, and trials at the Northwest Experiment Station clearly indicate that early seeding is most important. Flax should be sown before May 15 and after this date the yield tends to decrease gradually. If a person has to seed after May 15, a variety like Marine should be used because it is early maturing and will tend to ripen better than a late variety.