

MINNESOTA

REGISTERED AND CERTIFIED

Seed Directory

FOR

1962 PLANTING



- Small Grain • Hybrid Corn
- Flax • Soybeans • Forage Crops
- Field Peas • Lawn Grass

Final Certification will depend on a satisfactory Laboratory Analysis of Processed Seed. Please write directly to the Growers for further information.

Published by

The Minnesota Crop Improvement Association

in cooperation with

The Minnesota Agricultural Experiment Station

and

The Agricultural Extension Service

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Certified seed is produced and handled in accordance with the high standards established by the Minnesota Crop Improvement Association.

Careful field and seed inspections assure top quality seed.

For the best performance, use certified seed—the seed with a pedigree of variety and quality.

SECTION I

REGISTERED SEED

Fields listed are based on acres applied for. Eligibility for certification will depend on a satisfactory field inspection.

Registered seed production is one generation from Foundation seed. This seed classification is eligible for the production of First Generation Certified seed.

Registered Seed

BARLEY

Name of Grower Post Office Acreage

KINDRED (L)—Six-rowed, rough-awned, white aleurone variety. Medium yield, but highly susceptible to lodging. Resistant to stem rust. Recommended as a malting variety in all parts of Minnesota. Selected by a farmer, S. T. Lykken of Kindred, North Dakota.

Clay County

Halverson, Henry E. Borup 6
 Krabbenhoft, E. F., Jr. Sabin 30
 Lee, Herman H. Borup 30

Kittson County

Ash & Giffen St. Vincent 8

Marshall County

Backstrom, Robert Warren 52

Polk County

Flatten, Lewis H. East Grand Forks 38
 Jeffrey Bros. East Grand Forks 40
 Peterson, Donald R. 3, East Grand Forks 75
 Thorson, Thor & Son East Grand Forks 74

Renville County

Johnson, Ray S. Sacred Heart 11

Stevens County

Morton, J. L. & Sons Hancock 6

TRAILL—Six-rowed, rough awned, white aleurone variety. Has good standing ability. Yields very well. Recommended as a malting variety in all parts of Minnesota. Developed at North Dakota Agricultural Experiment Station from a cross of Kindred x Titan.

Becker County

Londeen Bros. Callaway 9½

Clay County

Krabbenhoft, E. F., Jr. Sabin 34

Kittson County

Reese, W. Howard Humboldt 12

Norman County

Aarestad Farm Products, Inc. Halstad 12

Polk County

Amundson, Clarence & John East Grand Forks 140
 Amundson, Harold East Grand Forks 80
 Bredlie, Elmer Eldred 17
 Flatten, Lewis H. East Grand Forks 39
 Hanson, Herbert M. East Grand Forks 25
 Jeffrey Bros. East Grand Forks 40
 McWalter, Robert V. East Grand Forks 40
 Peterson, Donald R. 3, East Grand Forks 38
 Pulkrabek, Ted R. 1, East Grand Forks 64
 Redmer, Ray East Grand Forks 20
 Skyberg, Herman F. & Son East Grand Forks 35
 Thorson, Thor & Son East Grand Forks 50

Renville County

Dahlgren, Henry Sacred Heart 8
 Ziller, Anthony A. Bird Island 8

Stevens County

Leuty, George Jr. Hancock 10

Wilkin County

Friederichs, Wm. & Sons Foxhome 22

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Registered Seed

BIRDSFOOT TREFOIL

Name of Grower Post Office Acreage

EMPIRE—Selected at the New York Agricultural Experiment Station. Winter hardy, prostrate growth, good yield.

Grant County

Thiel, Robert E. Wendell 4

Norman County

Boman, Roy Twin Valley 4

VIKING—Selected at the New York Agricultural Experiment Station. A little less winter hardy than Empire. Relatively upright growth. Good yield.

Stearns County

Bergh, Thor K. 405 - 6th Ave. So., St. Cloud 12

BROMEGRASS

LINCOLN—Increased at the Nebraska Agricultural Experiment Station from collections from old brome fields. Good forage yield. Southern type. Seed plentiful in Minnesota.

Wilkin County

Nord, Albin Wolverton 7

FLAX

ARNY—From a cross of Crystal x Redson made at Minnesota Agricultural Experiment Station. Immunity to rust conditioned by L gene which is not found in other recommended late-maturing varieties; highly resistant to wilt and moderately resistant to pasmo; resistant to lodging. Fair oil content of good drying quality. Brown-seeded, blue-flowered, late-maturing, recommended for early sowing for best yields.

Renville County

Dahlgren, Henry Sacred Heart 10

Yellow Medicine County

Mitchell, Frank L. & Son Canby 14

B-5128—From a cross of Golden x Rio made at North Dakota Agricultural Experiment Station. Immunity to rust conditioned by N¹ gene; moderately susceptible to both wilt and pasmo. Good oil content of only fair drying quality. Contains a mixture of types, including a small percentage of both yellow-seeded plants and rust-susceptible plants. Brown-seeded, blue-flowered, late-maturing. For best results it should be sown early.

Lyon County

Olson, Robert and Kenneth Cottonwood 16

Redwood County

Lau & Lau R. 1, Tracy 20

Renville County

Dahlgren, Henry Sacred Heart 10
 Johnson, Ray S. Sacred Heart 18

BOLLEY—Developed at North Dakota Agricultural Experiment Station from cross of Birio x C.I. 1134. Immunity to rust conditioned by L² gene; moderately wilt resistant; and moderately susceptible to pasmo; excellent oil content of excellent drying quality. Some evidence of greater susceptibility to aster yellows virus than other recommended varieties. Brown-seeded, blue-flowered, medium-early maturing. Superior to Arny, B5128 or Redwood for late-sowing.

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Registered Seed

FLAX — Continued

| Name of Grower | Post Office | Acreage |
|-------------------------|--------------|---------|
| BOLLEY—Continued | | |
| Big Stone County | | |
| Anderson, Errol..... | Ortonville | 9 |
| Marshall County | | |
| Strong Bros..... | Alvarado | 18 |
| Polk County | | |
| Torgerson, Orrin..... | Fosston | 6 |
| Renville County | | |
| Dahlgren, Henry..... | Sacred Heart | 10 |

GRASS — LAWN

PARK—A mixture of 15 apomictic lines selected by the Minnesota Agricultural Experiment Station. Excellent seedling vigor. Moderate resistance to rust, susceptible to mildew. Good forage and seed producer; makes tough, durable sod.

| | | |
|--|--------|-----|
| Roseau County | | |
| Northern Minn. Bluegrass Growers' Assn. | Roseau | 365 |

O A T S

AJAX—White grain, tall, medium in maturity. High in yield; medium in weight per bushel. Standing ability is not as good as other recommended varieties. Susceptible to crown rust, smut, and race 8 of stem rust; resistant to stem rust races 7 and 7A. Developed in Canada from the cross Victory x Hajira.

| | | |
|----------------------------------|------------|----|
| Freeborn County | | |
| Ehrhardt, George..... | Albert Lea | 5 |
| Hennepin County | | |
| Schlusser Bros..... | Loretto | 11 |
| Le Sueur County | | |
| Sunderman, Kenneth..... | Le Sueur | 12 |
| Meeker County | | |
| Dahlman, Arthur E. | Dassel | 8 |
| Smith, Don..... | Darwin | 9 |
| Norman County | | |
| Aarestad Farm Products, Inc..... | Halstad | 10 |
| Stearns County | | |
| Nietfeld Farm Inc..... | Melrose | 10 |
| Waseca County | | |
| Byron, Frank..... | Waseca | 5 |

ANDREW—Yellow grain, medium in height, very early maturing, good yielding oat, with excellent adaptability throughout the Corn Belt. Good weight per bushel; desirable straw strength; high groat percentage. Resistant to smut and races 7 and 7A of stem rust; susceptible to stem rust race 8 and crown rust. Selected at the Minnesota Agricultural Experiment Station from a cross of Bond x Rainbow.

| | | |
|-----------------------------------|---------|----|
| Norman County | | |
| Aarestad Farm Products, Inc. | Halstad | 10 |
| Swift County | | |
| Munson Seed Co..... | Benson | 12 |

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Registered Seed

O A T S — Continued

| Name of Grower | Post Office | Acreage |
|---|--------------|---------|
| BURNETT —Medium - early maturing, yellowish - white oat; large, plump grain of high test weight. Medium in height and good in yield and straw strength. Resistant to all races of stem rust found in this area except 7A and to smuts; susceptible to crown rust. Developed at the Iowa Agricultural Experiment Station from a cross of Victoria-Hajira-Banner x Colo. | | |
| Dodge County | | |
| Hokanson Bros..... | Dodge Center | 5 |
| Waseca County | | |
| Byron, Frank..... | Waseca | 10 |

GARRY—Developed in Canada from a cross of Victory x (Victoria x Hafira-Banner) and reselected for purity of agronomic characters and disease resistance. Tall, late, and outstanding in yield, with large yellowish-white seed of good test weight. Resistant to all races of stem rust found in this area, including race 7A; susceptible to crown rust. Also resistant to the smuts.

| | | |
|-------------------------|--------------|----|
| Becker County | | |
| Olson, Oscar J..... | Lake Park | 13 |
| Goodhue County | | |
| Haugen, Kasper W..... | Kenyon | 5 |
| Grant County | | |
| Lacey, Gerald..... | Wendell | 8 |
| Polk County | | |
| Bredlie, Elmer..... | Eldred | 12 |
| Renville County | | |
| Dahlgren, Henry..... | Sacred Heart | 10 |
| Ziller, Anthony A. | Bird Island | 8 |
| Waseca County | | |
| Byron, Frank..... | Waseca | 11 |

GOODFIELD—Medium-early in maturity, good in yield, and high in test weight. Short straw with very good lodging resistance. Resistant to smuts, to all races of stem rust found in this area including 7A. Resistant to most of the prevalent races of crown rust in the north central states, but susceptible to certain races which have occurred in some parts of the region. Developed at the Wisconsin Agricultural Experiment Station from the cross Clintland x (Garry x Hawkeye-Victoria).

| | | |
|----------------------|-----------|----|
| Isanti County | | |
| Johnson, Reuben..... | Cambridge | 14 |

MINHAFFER—Developed at the Minnesota Agricultural Experiment Station from a cross of Landhafer x (Bond-Rainbow x Hajira-Joanette). Yellow grain, similar to Andrew in yield, height, and maturity. Somewhat superior to Andrew in straw strength, grain size, and test weight. Resistant to all races of stem rust found in this area, including 7A, and to smuts. Resistant to most of the prevalent races of crown rust in the north central states, but susceptible to certain races which have occurred in some parts of the region.

| | | |
|-----------------------------|--------------|----|
| Freeborn County | | |
| Ehrhardt, George..... | Albert Lea | 7 |
| Nicollet County | | |
| Weldy, Lyle F..... | Fairfax | 4 |
| Renville County | | |
| Nelson, Milton..... | Sacred Heart | 9 |
| Wilkin County | | |
| Friedrichs, Wm. & Sons..... | Foxhome | 9 |
| Watonwan County | | |
| Kelsey, Dale..... | Lewisville | 10 |

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Registered Seed

O A T S — Continued

Name of Grower Post Office Acreage

MINTON—High-yielding, yellow oat developed at the Minnesota Agricultural Experiment Station from the cross [(Landhafer x (Mindó x Hajira-Joanette)] x Clinton. Medium in maturity, plant height, straw strength, and seed size. Test weight is lower than other recommended varieties. Resistant to smuts, to all races of stem rust found in this area except 7A. Resistant to most of the prevalent races of crown rust in the north central states, but susceptible to certain races which have occurred in some parts of the region.

Renville County
Roebke, Fred.....Hector 9

NEWTON—Brownish-yellow oat, medium in height and maturity. Selected from a cross of Nemaha x (Clinton x Boone-Cartier) at the Indiana Agricultural Experiment Station. Resistant to races 7 and 7A of stem rust and smuts; susceptible to race 8 and moderately susceptible to crown rust.

Freeborn County
Ehrhardt, George.....Albert Lea 7

PORTAGE—Tall, mid-season, high-yielding, yellowish-white oat with high bushel weight. Medium in lodging resistance. Resistant to smuts, and to race 7 and 7A of stem rust but susceptible to stem rust race 8. Moderately susceptible to crown rust. Developed at the Wisconsin Agricultural Experiment Station from a cross of Ajax x Hawkeye-Victoria.

Blue Earth County
Othout, Wayne.....Lake Crystal 9½

Dodge County
Wright Seed Service.....West Concord 3

Goodhue County
Haugen, Kasper W.....Kenyon 13

Hennepin County
Schlosser Bros.....Loretto 14

Isanti County
Bismark, Leonard & Wallace.....Cambridge 10

Lac Qui Parle County
Buer, Eldred & Sons.....Canby 31

Marshall County
Rupprecht, Otto.....Thief River Falls 12

McLeod County
Dammann, Lester.....Plato 10

Stearns County
Nietfeld Farm Inc.....Melrose 9

Swift County
Schuerman, Ervin H.....Danvers 7

RODNEY—Tall, very late, and outstanding in yield. Large, plump, yellowish-white seed of high test weight. Resistant to all stem rusts races found in this area except 7A and to the smuts; moderately susceptible to crown rust. Developed in Canada from a cross [(Victoria x Hajira-Banner) x (Victory x Hajira)] x Roxton.

Brown County
Cunningham, Earl.....Sleepy Eye 7

Chisago County
Anderson, Henry A.....Box 23, Rush City 14

Clay County
Lee, Herman H.....Borup 20

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Registered Seed

O A T S — Continued

Name of Grower Post Office Acreage

RODNEY—Continued

Faribault County
Willette Seed Farm.....Delavan 8

Hennepin County
Schlosser Bros.....Loretto 11

Kittson County
Reese, W. Howard.....Humboldt 7

Pennington County
Skaar, Andrew.....R. 1, Thief River Falls 25

Polk County
Redmer, Ray.....East Grand Forks 19

Renville County
Dahlgren, Henry.....Sacred Heart 10
Johnson, Ray S.....Sacred Heart 12
Ziller, Anthony A.....Bird Island 8

Stearns County
Nietfeld Farm Inc.....Melrose 10

Stevens County
Morton, J. L. & Sons.....Hancock 10

SAUK—Tall, late-maturing, high-yielding, somewhat susceptible to lodging. Large, yellow seed of good test weight. Resistant to races 7 and 7A of stem rust and the smuts; susceptible to race 8. Has shown some tolerance to crown rust. Developed in Wisconsin from the cross (Forward x Victoria-Richland) x Andrew.

Dakota County
Empey Farms.....Farmington 5

PEAS — FIELD

CHANCELLOR—Medium in maturity and long vined. Small, cream-colored seed of high bushel weight. Selected at the Experimental Station, Ottawa, Canada in 1906 from an English variety also called Chancellor.

Polk County
Strickler, Wm. & Bros.....Euclid 12

Traverse County
Holmgren, C. S.....Wheaton 22

STRAL—Medium in maturity and long vined. Cream-colored seed, medium in size, and high in bushel weight. Good cooking quality. Originated at the Weibullsholm Plant Breeding Institute, Landskrona, Sweden as an X-ray mutation from Kloster.

Kittson County
Dagen, Leonard.....Kennedy 6
Sorenson, Paul.....Hallock 4½

Marshall County
Anderson, Edwin & Son.....Stephen 6
Sedlacek, L. A.....Radium 8
Strong Bros.....Alvarado 4
Tandberg, Peter.....Newfolden 4
Zabinski, C. G.....Warren 4

Polk County
Filipi, Anton L.....Angus 5
Hanson, Herbert M.....East Grand Forks 12
Pulkrabek, Eddie.....Angus 5
Strickler, Wm. & Bros.....Euclid 8

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Registered Seed

SOYBEANS

Name of Grower Post Office Acreage

BLACKHAWK—Selected at the Iowa Agricultural Experiment Station from a cross of Mukden x Richland. Medium tall. Is about 5 to 6 days later in maturity than Chippewa yet averages somewhat lower in yield and has less resistance to lodging.

Freeborn County
Ehrhardt, George.....Albert Lea 7

CHIPPEWA—Superior in yielding ability, medium tall, very good resistance to lodging. Medium-size seeds, yellow with black seed scars. Good oil content. Pubescence color is brown. Selected at U. S. Regional Soybean Laboratory, Urbana, Illinois, from the cross of Lincoln x (Lincoln x Richland). Recommended for South Central and Southern Corn Maturity Zones, and about southern one-third of the Central Zone.

Blue Earth County
Othout, Wayne.....Lake Crystal 11

Lac Qui Parle County
Buer, Eldred & Sons.....Canby 10

Martin County
Kietzer, R. E.....Truman 9

Meeker County
Wigen Bros.....R. 1, Litchfield 21

Mower County
Zillgitt, J. A.....1003 N. W. 2nd Ave., Austin 17

Murray County
Nantkes, Jesse J.....Fulda 8

Nicollet County
Weldy, Lyle F.....Fairfax 5

Renville County
Buscho, Harold.....Morton 8
Dahlgren, Henry.....Sacred Heart 10
Ziller, Anthony A.....Bird Island 10

COMET—A selection made at the Central Experimental Farm, Ottawa, Canada, from a cross of Pagoda x Mandarin. Has unusual combination of earliness, good height of plant and of lowest pods, and good resistance to lodging. Has yielded well as an early variety in the South Central and Southern Corn Maturity Zones where it is recommended. Is 2 to 3 days earlier than Ottawa Mandarin, is about 4 inches taller, and has similar standing ability. Good oil content. Is rather highly susceptible to chlorosis or "yellowing" observed frequently in western Minnesota.

Clay County
Krabbenhof, E. F., Jr.....Sabin 8

Freeborn County
Ehrhardt, George.....Albert Lea 8

Goodhue County
Haugen, Kasper W.....Kenyon 2

Mower County
Zillgitt, J. A.....1003 N. W. 2nd Ave., Austin 8

FLAMBEAU—Rather short; with a considerable tendency to lodge. A good yielder among the early varieties. Yellow seeds with black seed scars; medium oil content. Pubescence is brown. Selected at the Wisconsin Agricultural Experiment Station from an introduction from Russia. Recommended for Central, North Central, and Northern Corn Maturity Zones.

Clay County
Halverson, Henry E.....Borup 10

Lac Qui Parle County
Buer, Eldred & Sons.....Canby 8

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Registered Seed

SOYBEANS—Continued

Name of Grower Post Office Acreage

FORD—Ford is a recent soybean introduction developed in Iowa. It is high in yield, good in oil content, and has good standing ability. Ford is recommended for central and southern Iowa. It is not adapted to Minnesota because of late maturity.

Freeborn County
Ehrhardt, George.....Albert Lea 6

GRANT—Medium-early, medium in height, has given good yields. Good standing ability. Pubescence color is light brown; seeds yellow with black seed scars. Oil content relatively high. Selected at Spooner, Wisconsin, from a cross of Lincoln x Seneca. Recommended for Central, South Central, Southern, and North Central Corn Maturity Zones. Best adapted as a full-season variety to the Central Zone.

Clay County
Krabbenhof, E. F., Jr.....Sabin 10

HAROSOY—Medium-late selection from a cross of Mandarin x (Mandarin x A. K.). Developed at the Dominion Experimental Farm, Harrow, Ontario. Good yields in southern Minnesota when compared to other varieties in 40 or 42-inch row spacings. Matures about 10 days later than Chippewa, so is recommended only in the Southern Corn Maturity Zone. Taller than Chippewa, and lodges more. Oil content medium. Pubescence is gray. Medium-size seed; seed scar of same yellow as the seed coat.

Freeborn County
Ehrhardt, George.....Albert Lea 7

Dakota County
Empey Farms.....Farmington 9

Nicollet County
Langhorst, Lorenz.....Courtland 17½

LINDARIN—A selection from a cross of Ottawa Mandarin x Lincoln made at the Purdue Agricultural Experiment Station. Similar in maturity and oil content to Harosoy but has shorter plant height and better standing ability. Tested only two years at most locations.

Lac Qui Parle County
Buer, Eldred & Sons.....Canby 14

Martin County
Kietzer, R. E.....Truman 9

MERIT—Similar in maturity to Norchief but taller. Good yielding and standing ability and high oil content. Selected at Central Experiment Farm, Ottawa, Canada. Recommended for Central and North Central Maturity Zone. Yellow seeds with light brown seed scars. Gray pubescence.

Benton County
Hromatka, Henry.....R. 2, Foley 8

Big Stone County
Wiegman, Del.....Graceville 13

Blue Earth County
Othout, Wayne.....Lake Crystal 14

Brown County
Cunningham, Earl.....Sleepy Eye 12
Maas, Lester.....Sleepy Eye 9

Chippewa County
Evans, John W.....Montevideo 10

Clay County
Dullea, E. J., Jr.....Georgetown 10
Goldberg, Max.....Moorhead 15
Halverson, Henry E.....Borup 10
Melbye & Wahl.....Hitterdal 23
Tobolt, Harold.....Moorhead 15

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Registered Seed

S O Y B E A N S—Continued

| Name of Grower | Post Office | Acreage |
|-------------------------------|---------------|---------|
| MERIT—Continued | | |
| Cottonwood County | | |
| Peter Nelson's Sons..... | Westbrook | 9 |
| Dakota County | | |
| Carroll, W. L. & Son..... | Rosemount | 14 |
| Empey Farms..... | Farmington | 9 |
| Trapp, Henry..... | Hastings | 8 |
| Dodge County | | |
| Zeller, Harvey..... | West Concord | 15 |
| Douglas County | | |
| Johnson, Clayton A..... | Evansville | 5 |
| Faribault County | | |
| Willette Seed Farms..... | Delavan | 8 |
| Goodhue County | | |
| Stenlund, Arne..... | R. 2, Goodhue | 13 |
| Grant County | | |
| Dvorak, Adolph..... | Herman | 21 |
| Thiel, Robert E..... | Wendell | 20 |
| Isanti County | | |
| Cambridge Feed & Mill Co..... | Cambridge | 8 |
| Dahlberg Bros..... | Cambridge | 16 |
| Kandiyohi County | | |
| Nelson, Walter..... | Atwater | 20 |
| Lyon County | | |
| Hennen, Leo..... | Minneota | 12 |
| McLeod County | | |
| Peik, Adry..... | Brownton | 9 |
| Meeker County | | |
| Anderson, Alfred V..... | R. 1, Dassel | 15 |
| Mower County | | |
| Zimmerman, R. L., & Son..... | Racine | 9 |
| Nicollet County | | |
| Liebl, Louis..... | Gibbon | 10 |
| Olmsted County | | |
| Meyer's Seeds..... | Elgin | 10 |
| Redwood County | | |
| Romnes, Norman..... | Belview | 20 |
| Renville County | | |
| Buscho, Harold..... | Morton | 10 |
| Dahlgren, Henry..... | Sacred Heart | 9 |
| Enestvedt Bros..... | Sacred Heart | 10 |
| Johnson, Ray S..... | Sacred Heart | 8 |
| Mehlhouse, Lloyd & John..... | Olivia | 10 |
| Ziller, Anthony A..... | Bird Island | 8 |
| Rice County | | |
| Farmer Seed & Nursery Co..... | Faribault | 10 |
| Sibley County | | |
| Carlson, Russell A..... | Winthrop | 7 |
| Stearns County | | |
| Nietfeld Farm Inc..... | Melrose | 28 |

Registered Seed

S O Y B E A N S — Continued

| Name of Grower | Post Office | Acreage |
|--------------------------------|-----------------------|---------|
| MERIT—Continued | | |
| Stevens County | | |
| Leuty, George Jr..... | Hancock | 9 |
| Pring, Floyd..... | Chokio | 9 |
| Traverse County | | |
| Berg, Carl..... | Chokio | 9 |
| Duffing, Joe..... | White Rock, So. Dak. | 10 |
| Frisch, Felix..... | Dumont | 10 |
| Waseca County | | |
| Strohl, Joseph..... | Janesville | 9 |
| Washington County | | |
| Brochman, Chas. H., Jr..... | 1433 Ingram, St. Paul | 10 |
| Welander, G. Arthur..... | Stillwater | 10 |
| Watwan County | | |
| Kelsey, Dale..... | Lewisville | 10 |
| Wilkin County | | |
| Friederichs, Wm. & Sons..... | Foxhome | 13 |
| Frokjer, A. C..... | Nashua | 18 |
| Nord, Albin..... | Wolverton | 18 |
| Wright County | | |
| Peterson, Algert L. & Son..... | Buffalo | 10 |
| Yellow Medicine County | | |
| Homme, Kenneth..... | Granite Falls | 8 |
| Roske, Walter A..... | Minneota | 8 |

OTTAWA MANDARIN—Short and highly resistant to lodging. Fairly large yellow seeds with light-buff seed scars. Pubescence is gray. Oil content medium. Selected at the Central Experiment Farm, Ottawa, Canada, from the variety Mandarin. Recommended in areas of the state south of the Northern Corn Maturity Zone.

| | | |
|------------------------|--------------|----|
| Freeborn County | | |
| Ehrhardt, George..... | Albert Lea | 6 |
| Renville County | | |
| Dahlgren, Henry..... | Sacred Heart | 10 |
| Johnson, Ray S..... | Sacred Heart | 9 |
| Ziller, Anthony A..... | Bird Island | 6 |

T I M O T H Y

ITASCA—A composite of seven inbred lines selected at the Minnesota Agricultural Experiment Station. Good forage and seed yielder. Time of maturity the same as commercial sorts.

| | | |
|----------------------------------|---------|---|
| Norman County | | |
| Aarestad Farm Products, Inc..... | Halstad | 8 |

LORAIN—Selected from collections from old meadows and roadsides by the Ohio Agricultural Experiment Station. Good forage and seed yielder. Approximately a week later in maturity than Itasca and commercial.

| | | |
|----------------------------------|---------|-----|
| Norman County | | |
| Aarestad Farm Products, Inc..... | Halstad | 20 |
| Roseau County | | |
| Baumgartner, Ed..... | Roseau | 150 |

Registered Seed

DURUM WHEAT

| Name of Grower | Post Office | Acreage |
|----------------|-------------|---------|
|----------------|-------------|---------|

LAKOTA—Early, bearded, short variety with medium straw strength. Resistant to stem rust, bunt and loose smut, and moderately resistant to leaf rust. High yielding with medium test weight; quality is satisfactory for semolina products. Selected from a cross of Sentry x (Ld. 379 x Ld 357) at the North Dakota Experiment Station.

Kittson County
Ash & Giffen.....St. Vincent 10

Polk County
Pulkrabek, Dale & Harvey.....Angus 20

LANGDON—Early, bearded variety of medium height and straw strength. Moderately resistant to leaf rust, moderately susceptible to stem rust, and resistant to bunt and loose smut. Has a good yield and test weight; is satisfactory for use in making semolina products. Selected from a cross of (Carleton x Ld. 194-Khapli x Ld. 308) x Stewart made at the North Dakota Agricultural Experiment Station.

Polk County
Brule, Noel and Roland.....R. 2, Crookston 10

WELLS—Early, bearded, short stiff-strawed variety. Resistant to stem and leaf rust, bunt and loose smut. High yielding with good test weight; quality is satisfactory for semolina products. Selected from a cross of Sentry x (Ld 379 x Ld 357) at the North Dakota Experiment Station.

Kittson County
Dagen, Leonard.....Kennedy 18

Marshall County
Strong Bros.....Alvarado 20

Polk County
Hanson, Herbert M.....East Grand Forks 32
Pulkrabek, Ted.....R. 1, East Grand Forks 20
Ross, Harold.....Crookston 40

Renville County
Dahlgren, Henry.....Sacred Heart 10

SPRING WHEAT

PEMBINA—Awnless variety of medium height and maturity with good straw strength. Moderately resistant to leaf rust and stem rust. High yielding with a good test weight; satisfactory milling and baking qualities. Selected from a cross of Thatcher x (McMurachy-Exchange x Redman³) by the Canada Department of Agriculture, Research Station, Winnipeg, Manitoba.

Becker County
Olson, Oscar J.....Lake Park 11

Big Stone County
Wiegman, Del.....Graceville 14

Carver County
Brueschoff, Clemens.....Norwood 13

Clay County
Krabbenhoft, E. F., Jr.....Sabin 14
Tobolt, Harold.....Moorhead 17

Grant County
Werk, Harvey W.Herman 12

Kittson County
Bengston, Earl.....Hallock 14
Reese, W. Howard.....Humboldt 17

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Registered Seed

SPRING WHEAT — Continued

| Name of Grower | Post Office | Acreage |
|----------------|-------------|---------|
|----------------|-------------|---------|

PEMBINA—Continued

Marshall County
Godel, Floyd & Son.....Warren 14
Knoll, ArnoldRadium 14
Strong Bros.....Alvarado 10

Norman County
Aarestad Farm Products, Inc.Halstad 12
Chelstrom, ErnestPerley 13

Otter Tail County
Hegseth, Theo.....Fergus Falls 12

Polk County
Brule, Noel and Roland.....R. 2, Crookston 10
Flaskerud, Henry.....Fosston 14
Miska, Henry & David.....Angus 14
Redner, Ray.....East Grand Forks 11
Taus, Ernest.....Angus 12
Torgerson, Orrin.....Fosston 12
Vanek, Michael D.....Angus 12

Roseau County
Dahlquist, E. A.....Roseau 14

Stevens County
Morton, J. L. & Sons.....Hancock 12

Traverse County
Berg, Carl H.....Chokio 11

Wilkin County
Friederichs, Wm. & Sons.....Foxhome 16

SELKIRK—Awnless variety of medium height, maturity, and good straw strength. Moderately resistant to leaf rust and stem rust. High-yielding, with a medium test weight; satisfactory milling and baking qualities. Selected from a cross of McMurachy-Exchange x Redman³ made at the Dominion Laboratory of Cereal Breeding, Winnipeg.

Brown County
Cunningham, Earl.....Sleepy Eye 14

Dodge County
Streiff, Leon B.....West Concord 15

Polk County
Flaskerud, Henry.....Fosston 10

Renville County
Roebke, FredHector 16

Stevens County
Morton, J. L. & Sons.....Hancock 12

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SECTION II

CERTIFIED SEED

Fields listed are based on acres applied for. Eligibility for certification will depend on a satisfactory field inspection.

First Generation certified seed production is one generation from Registered seed.

Second Generation certified seed is produced from First Generation certified seed.

Certified Seed

BARLEY

| Name of Grower | Post Office | Generation | Acreage |
|----------------|-------------|------------|---------|
|----------------|-------------|------------|---------|

KINDRED (L)—Six rowed, rough-awned, white aleurone variety. Medium yield, but highly susceptible to lodging. Resistant to stem rust. Recommended as a malting variety in all parts of Minnesota. Selected by a farmer, S. T. Lykken of Kindred, North Dakota.

Clay County

| | | | |
|---------------------|--------|---|-----|
| Butenhoff, Leonard | Baker | 1 | 104 |
| Butenhoff, Willie | Baker | 1 | 40 |
| Hastings, Robert C. | Felton | 1 | 140 |
| Hastings, Robert C. | Felton | 2 | 25 |
| Lee, Herman H. | Borup | 1 | 60 |

Grant County

| | | | |
|---------------|---------|---|----|
| Adams, Merwin | Wendell | 1 | 22 |
|---------------|---------|---|----|

Kittson County

| | | | |
|--------------------|-------------|---|-----|
| Ash & Giffen | St. Vincent | 1 | 60 |
| Kiene, Ell | Kennedy | 1 | 134 |
| Reese, W. Howard | Humboldt | 1 | 37 |
| Stewart, Hilson L. | Humboldt | 1 | 30 |

Marshall County

| | | | |
|--------------------|--------------|---|----|
| Borowicz, John | R. 1, Argyle | 1 | 40 |
| Edman Bros. | Alvarado | 2 | 36 |
| Rapacz, Raymond T. | Argyle | 2 | 35 |

Polk County

| | | | |
|---|------------------------|---|-----|
| Amundson, Clarence & John | East Grand Forks | 1 | 100 |
| Amundson, Harold | East Grand Forks | 1 | 50 |
| Bubendorf, Richard D. | R. 1, East Grand Forks | 1 | 80 |
| Driscoll Bros. | East Grand Forks | 1 | 170 |
| Egeland, Ernest | Fisher | 1 | 5 |
| Egeland, Minuel A. | Fisher | 1 | 40 |
| Eggen, Harold and Bennie | R. 2, Oslo | 1 | 48 |
| Flatten, Lewis H. | East Grand Forks | 1 | 90 |
| Holy, Donald | East Grand Forks | 1 | 28 |
| Jeffrey Bros. | East Grand Forks | 1 | 112 |
| Johnson, Clarence M. | East Grand Forks | 1 | 65 |
| Johnson, Gorman | R. 2, East Grand Forks | 1 | 75 |
| Koolstra, Miner | Fisher | 1 | 80 |
| Krueger Farms | East Grand Forks | 1 | 31 |
| Larson, Rudolph | East Grand Forks | 1 | 30 |
| Lind, Norris & Almore | Oslo | 1 | 75 |
| Mack, James | East Grand Forks | 1 | 10 |
| Mack, John | East Grand Forks | 1 | 60 |
| McDonald, M. A. | East Grand Forks | 2 | 75 |
| McWalter, Robert V. | East Grand Forks | 1 | 60 |
| Nelson, Iner L. | Oslo | 1 | 24 |
| Nikle, Herman | East Grand Forks | 1 | 20 |
| Nikle, Robert | East Grand Forks | 1 | 140 |
| O'Leary, Michael | East Grand Forks | 1 | 86 |
| Pribula, Raymond | East Grand Forks | 1 | 30 |
| Pulkrabek, Eddle | Angus | 1 | 15 |
| Pulkrabek, Ted | R. 1, East Grand Forks | 1 | 45 |
| Pulkrabek, Walter & James | Euclid | 1 | 50 |
| Ross, Harold | Crookston | 1 | 52 |
| Tack, Leslie | East Grand Forks | 1 | 38 |
| Wavra, Frank and Sons, 212 So. 3rd St. | East Grand Forks | 1 | 191 |

Wilkin County

| | | | |
|-----------------|--------------|---|----|
| Haugrud, Harlan | Rothsay | 1 | 20 |
| Nord, Albin | Wolverton | 2 | 38 |
| Yaggie, Leo L. | Breckenridge | 1 | 30 |

PARKLAND—Six-rowed, smooth-awned, blue aleurone variety. Relatively tall, but good resistance to lodging. High yielding. Resistant to stem rust. Acceptable for malting when grown in northwestern Minnesota. Originated at Brandon, Manitoba, from a cross of (Olli x Montcalm) x Brandon 1136.

Grant County

| | | | |
|-----------------|---------|---|-----|
| Lacey, Clarence | Wendell | 1 | 100 |
|-----------------|---------|---|-----|

Kittson County

| | | | |
|--------------------|----------|---|-----|
| Kiene, Ell | Kennedy | 2 | 187 |
| Reese, W. Howard | Humboldt | 2 | 90 |
| Younggren, Russell | Hallock | 1 | 40 |

Certified Seed

BARLEY — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---------------------------|------------------------|-----------------|--------------|
| PARKLAND—Continued | | | |
| Marshall County | | | |
| Munger Bros. | Warren | 1 | 110 |
| Polk County | | | |
| Anvinson, Lester | Oslo | 2 | 45 |
| Botko, Thomas | Warren | 1 | 20 |
| Koolstra, Miner | Fisher | 1 | 63 |
| Kresl, William & Sons | Angus | 1 | 24 |
| Krueger Farms | East Grand Forks | 2 | 76 |
| Mack, Frank | R. 3, East Grand Forks | 2 | 45 |
| Mack, John | East Grand Forks | 1 | 60 |
| Moen Bros. | Alvarado | 2 | 40 |
| Olson Bros. | R. 3, East Grand Forks | 1 | 106 |
| Peterson, John N. | R. 3, Warren | 1 | 34 |
| Strickler, Donald | Euclid | 2 | 40 |
| Tinkham, Alton W. | R. 2, Fisher | 1 | 40 |
| Tinkham, Arthur R. | Fisher | 1 | 15 |
| Tinkham, Earl R. | Fisher | 1 | 140 |
| Vasek, Henry | R. 3, Warren | 2 | 38 |

TRAILL—Six-rowed, rough awned, white aleurone variety. Has good standing ability. Yields very well. Recommended as a malting variety in all parts of Minnesota. Developed at North Dakota Agricultural Experiment Station from a cross of Kindred x Titan.

| | | | |
|-----------------------------|----------------|---|-----|
| Becker County | | | |
| Noben, Henry & Charles | Lake Park | 2 | 33 |
| Big Stone County | | | |
| Wiegman, Del | Graceville | 1 | 10 |
| Blue Earth County | | | |
| Ireland, Lawrence | Mankato | 2 | 15 |
| Ramy Seed Co. | Mankato | 1 | 45 |
| Chippewa County | | | |
| Belshaw, Wilbur | Maynard | 2 | 15 |
| Brummer, Bernard | Clara City | 1 | 30 |
| Neal, Lloyd | Murdock | 1 | 50 |
| Nelson, Harold | Murdock | 1 | 14 |
| Wahlstrom, Marvin | Kerkhoven | 1 | 16 |
| Clay County | | | |
| Babcock, Sam | Glyndon | 1 | 60 |
| Benedict, Ewald & Son | Moorhead | 1 | 35 |
| Halverson, Henry E. | Borup | 1 | 20 |
| Krabbenhoff, E. F., III | Sabin | 2 | 15 |
| Krabbenhoff, E. F., Jr. | Sabin | 1 | 65 |
| Kukowski, Thomas D. | Moorhead | 1 | 2 |
| Petermann, Leonard & Merlyn | Hawley | 1 | 15 |
| Sillers, D. H. | R. 2, Moorhead | 1 | 30 |
| Clearwater County | | | |
| Darst, Delbert | Bagley | 1 | 200 |
| Dodge County | | | |
| Streiff, Leon B. | West Concord | 1 | 13 |
| Wright Seed Service | West Concord | 2 | 13 |
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 1 | 10 |
| Grant County | | | |
| Adams, Alan | Wendell | 2 | 57 |
| Adams, Merwin | Wendell | 1 | 25 |
| Lacey, Jack | Wendell | 1 | 14 |
| Thiel, Robert E. | Wendell | 1 | 50 |
| Kandiyohi County | | | |
| Mahn, Raymond | Atwater | 1 | 10 |
| Isanti County | | | |
| Cambridge Feed & Mill Co. | Cambridge | 2 | 7 |

Certified Seed

BARLEY — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|------------------------------|-----------------------------------|-----------------|--------------|
| TRAILL—Continued | | | |
| Kittson County | | | |
| Carlson, Wayne | Hallock | 2 | 35 |
| Kiene, Ell | Kennedy | 1 | 16 |
| Reese, W. Howard | Humboldt | 1 | 35 |
| Swanson, Clarence | Drayton, No. Dak. | 1 | 50 |
| LeSueur County | | | |
| Simpson, C. V. | Waterville | 2 | 9 |
| Sunderman, Kenneth | LeSueur | 2 | 12 |
| Marshall County | | | |
| Borwicz, John | R. 1, Argyle | 1 | 30 |
| Quern, Kenneth & Vernon | Oslo | 2 | 30 |
| Quern, Kenneth & Vernon | Oslo | 1 | 27 |
| Norman County | | | |
| Aarestad Farm Products, Inc. | Halstad | 2 | 100 |
| Nicollet County | | | |
| Liebl, Louis | Gibbon | 1 | 9 |
| Polk County | | | |
| Anderson, Gerald G. | R. 2, East Grand Forks | 1 | 65 |
| Beiswenger, Edwin A. | R. 2, Crookston | 1 | 10 |
| Brekken, Albert & Sons | Crookston | 2 | 8 |
| Driscoll, Bros. | East Grand Forks | 2 | 190 |
| Driscoll, John E. | 110 6th Ave. N., East Grand Forks | 1 | 60 |
| Driscoll, John E. | 110 6th Ave. N., East Grand Forks | 2 | 70 |
| Driscoll, Leonard & Son | East Grand Forks | 1 | 240 |
| Eggen, Harold and Bennie | R. 2, Oslo | 1 | 160 |
| Flaskerud, Henry | Fosston | 1 | 12 |
| Flatten & Pape | East Grand Forks | 1 | 80 |
| Hagen, Cliff | R. 2, East Grand Forks | 1 | 188 |
| Hanson, Arthur M. | Alvarado | 1 | 20 |
| Hoff, O. Howard | East Grand Forks | 1 | 41 |
| Horken, Arnold | R. 3, East Grand Forks | 2 | 40 |
| Jeffrey Bros. | East Grand Forks | 1 | 50 |
| Jorgenson, Alvin | McIntosh | 1 | 12 |
| Landsverk, Oliver | Fosston | 1 | 16 |
| Larson, Elmer | East Grand Forks | 2 | 24 |
| Larson, Ralph D. | East Grand Forks | 1 | 57 |
| Larson, Ralph D. | East Grand Forks | 2 | 30 |
| Larson, Ray H. | Angus | 1 | 58 |
| Lind, Leonard | Alvarado | 1 | 40 |
| Mack, James | East Grand Forks | 1 | 40 |
| Mack, John | East Grand Forks | 1 | 30 |
| Nelson, Cameron | East Grand Forks | 2 | 18 |
| Nelson, Carl | Oslo | 2 | 40 |
| Nelson, Christ & Leonard | Oslo | 1 | 60 |
| Quern, Iner & Oscar | Oslo | 1 | 35 |
| Quern, Iner & Oscar | Oslo | 2 | 32 |
| Redmer, Ray | East Grand Forks | 1 | 20 |
| Ross, Gerhard & Edwin | Fisher | 1 | 105 |
| Thompson, Clarence | East Grand Forks | 1 | 80 |
| Will, David | East Grand Forks | 1 | 67 |
| Renville County | | | |
| Dahlgren, Henry | Sacred Heart | 1 | 22 |
| Johnson, Ray S. | Sacred Heart | 1 | 10 |
| Roebke, Fred | Hector | 2 | 23 |
| Ziller, Anthony A. | Bird Island | 1 | 18 |
| Stearns County | | | |
| Nietfeld Farm Inc. | Melrose | 1 | 30 |
| Steele County | | | |
| Cashman Seed Co. | Owatonna | 2 | 50 |
| Stevens County | | | |
| Morton, J. L. & Sons | Hancock | 1 | 14 |

Certified Seed

BARLEY — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|-------------------------|--------------|-----------------|--------------|
| TRAILL—Continued | | | |
| Swift County | | | |
| Busse, Walter | Appleton | 1 | 7 |
| Wahlstrom, Marvin | Kerkhoven | 1 | 16 |
| Wilken County | | | |
| Dibley, Geo. W. | Wolverton | 1 | 12 |
| Friederichs, Wm. & Sons | Foxhome | 1 | 58 |
| Yaggie, Leo L. | Breckenridge | 1 | 30 |

BIRDSFOOT TREFOIL

EMPIRE—Selected at the New York Agricultural Experiment Station, Winter hardy, prostrate growth, good yield.

| | | | |
|----------------------|-------------|--|----|
| Clay County | | | |
| Johnson, Neil | Borup | | 18 |
| Norman County | | | |
| Boman, Roy | Twin Valley | | 50 |
| Ingberg, Chester | Ada | | 10 |
| Polk County | | | |
| Vanek, Walter | Angus | | 36 |

VIKING—Selected at the New York Agricultural Experiment Station. A little less winter hardy than Empire. Relatively upright growth. Good yield.

| | | | |
|------------------------|-----------------|--|----|
| Mahnomen County | | | |
| Smith, Glenn S. | Fargo, No. Dak. | | 10 |
| Marshall County | | | |
| Nystrom, Lloyd W. | Alvarado | | 7 |

RED CLOVER

DOILLARD—Selected at MacDonald College, Quebec, Canada. Resistant to several strains of northern anthracnose and viruses. Good forage and seed yield and better stand persistence into second crop year than varieties not recommended. Susceptible to powdery mildew.

| | | | |
|---------------------------|-----------|--|----|
| Becker County | | | |
| Olson, Oscar J. | Lake Park | | 37 |
| Kittson County | | | |
| Nordling, Franklin | Hallock | | 26 |
| Marshall County | | | |
| Godel, Floyd & Son | Warren | | 30 |
| Strong Bros. | Alvarado | | 12 |
| Van Sickle, Andrew & Sons | Warren | | 84 |
| Norman County | | | |
| Germolus, Willie | Borup | | 7 |
| Polk County | | | |
| Bredlie, Elmer | Eldred | | 14 |
| Wilkin County | | | |
| Nord, Albin | Wolverton | | 9 |

LAKELAND—Bred by the Wisconsin Experiment Station in cooperation with the U. S. Department of Agriculture. Released in 1959. Resistant to several strains of northern anthracnose and virus. Highly resistant to powdery mildew. Good forage and seed yield and relatively good persistence into second crop year.

| | | | |
|--------------------------|-------------------------|--|----|
| Pennington County | | | |
| Skaar, Andrew | R. 1, Thief River Falls | | 12 |

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Certified Seed

RED CLOVER — Continued

| Name of Grower | Post Office | Acreage |
|--|---------------|---------|
| PENNSCOTT —A naturalized variety from the farm of Frank Scott, Lancaster, Pennsylvania. Very susceptible to northern anthracnose and virus. | | |
| Kittson County | | |
| Harvey, Thomas | Lancaster | 5 |
| Nordling, Art. | R. 2, Hallock | 16 |
| Norman County | | |
| Boman, Roy | Twin Valley | 35 |
| Otter Tail County | | |
| Ronnevik, Jorolf T. | Carlisle | 30 |
| Polk County | | |
| Edwards, Robert | McIntosh | 8 |
| Wilkin County | | |
| Grefsrud, Kermit | Rothsay | 74 |

CORN — HYBRID FIELD

A.E.S. 101

A yellow dent hybrid. Maturity 76-80 days.
Pedigree (WD x ND203) (V3 x W103)

Meeker County

| | | |
|----------------------------|--------|----|
| Haapala, Levi & Sons, Inc. | Dassel | 10 |
| Peterson, C. J. Seed House | Dassel | 25 |

A.E.S. 202

A yellow dent hybrid. Maturity 86-90 days.
Pedigree (A509 x MS1334) (CMD5 x W59M)

Meeker County

| | | |
|----------------------------|--------|----|
| Peterson, C. J. Seed House | Dassel | 12 |
|----------------------------|--------|----|

A.E.S. 203

A yellow dent hybrid. Maturity 84-88 days.
Pedigree (CMD5 x A509) (W59M x MS1334)

Meeker County

| | | |
|-----------------------|--------|----|
| Dahman, Arthur E. | Dassel | 10 |
| Johnson, R. C. & Sons | Dassel | 10 |

Pine County

| | | |
|--------------|------|----|
| Shuey, Clair | Pine | 12 |
|--------------|------|----|

A.E.S. 204

A yellow dent hybrid. Maturity 80-84 days.
Pedigree (A509 x W33) (A508 x ND203)

Meeker County

| | | |
|----------------------------|--------|----|
| Peterson, C. J. Seed House | Dassel | 20 |
|----------------------------|--------|----|

A.E.S. 514

A yellow dent hybrid. Maturity 110-114 days.
Pedigree (A239 x B14) (A295 x W64A)

Brown County

| | | |
|------------------|------------|---|
| Leitschuh, Henry | Sleepy Eye | 6 |
|------------------|------------|---|

LeSueur County

| | | |
|----------------|------------|----|
| Pinney, Carl | LeSueur | 8 |
| Simpson, C. V. | Waterville | 10 |

Mower County

| | | |
|------------------------|--------|----|
| Zimmerman, R. L. & Son | Racine | 16 |
|------------------------|--------|----|

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Certified Seed

CORN — HYBRID FIELD — Continued

| Name of Grower | Post Office | Acreage |
|---|-----------------|---------|
| MINHYBRID 408 | | |
| Maturity 113-117 days. Pedigree (Oh51A x Os420) (A73 x A375) | | |
| LeSueur County Simpson, C. V. | Waterville | 5 |
| MINHYBRID 416 | | |
| A yellow dent hybrid. Maturity 110-114 days. Pedigree (Oh51A x A264) (A257 x A375) | | |
| Steele County Cashman Seed Co. | Owatonna | 5 |
| MINHYBRID 417 | | |
| A yellow dent hybrid. Maturity 110-114 days. Pedigree (A239 x B14) (M14 x W64A) | | |
| Brown County Leitschuh, Henry | Sleepy Eye | 4 |
| Faribault County Sendelbach, Joe | Wells | 10 |
| Willetta Seed Farm | Delavan | 3.5 |
| LeSueur County Pinney, Carl | LeSueur | 33 |
| Simpson, C. V. | Waterville | 10 |
| Meeker County Dahlman, Arthur E. | Dassel | 7 |
| Johnson, R. C. & Sons | Dassel | 7 |
| Nicollet County Anderson, Hubert | R. 3, St. Peter | 8 |
| Renville County Enesvedt Bros. | Sacred Heart | 15 |
| MINHYBRID 418 | | |
| A yellow dent hybrid. Maturity 108-112 days. Pedigree (A297 x W64A) (B21 x B14) | | |
| Chippewa County Evans, John W. | Montevideo | 8 |
| Freeborn County Magnuson, Ephraim | R. 1, Austin | 10 |
| LeSueur County Pinney, Carl | LeSueur | 11 |
| Mower County Zimmerman, R. L. & Son | Racine | 7 |
| Nicollet County Anderson, Hubert | R. 3, St. Peter | 3 |
| Renville County Enesvedt Bros. | Sacred Heart | 25 |
| Steele County Cashman Seed Co. | Owatonna | 20 |
| MINHYBRID 507 | | |
| A yellow dent hybrid. Maturity 103-107 days. Pedigree (W10 x A334) (B9A x Oh51A) | | |
| Le Sueur County Pinney, Carl | LeSueur | 19 |
| Renville County Enesvedt Bros. | Sacred Heart | 20 |
| MINHYBRID 511 | | |
| A yellow dent hybrid. Maturity 107-111 days. Pedigree (A73 x A401) (Oh51A x A286) | | |
| Steele County Cashman Seed Co. | Owatonna | 20 |

Certified Seed

CORN — HYBRID FIELD — Continued

| Name of Grower | Post Office | Acreage |
|--|-----------------|---------|
| MINHYBRID 512 | | |
| A yellow dent hybrid. Maturity 101-105 days. Pedigree (A340 x A556) (A427 x A495) | | |
| Chippewa County Evans, John W. | Montevideo | 4 |
| MINHYBRID 513 | | |
| Maturity 103-107 days. Pedigree (A264 x A265) (A239 x A251). | | |
| Nicollet County Anderson, Hubert | R. 3, St. Peter | 2 |
| MINHYBRID 608 | | |
| Maturity 99-103 days. Pedigree (A340 x A334) (A392 x A357) | | |
| Meeker County Peterson, C. J. Seed House | Dassel | 22 |
| Renville County Enesvedt Bros. | Sacred Heart | 15 |
| MINHYBRID 611 | | |
| Maturity 94-98 days. Pedigree (A509 x A556) (A427 x A417) | | |
| Le Sueur County Simpson, C. V. | Waterville | 18 |
| Meeker County Johnson, R. C. & Sons | Dassel | 7 |
| Peterson, C. J. Seed House | Dassel | 32 |
| Nicollet County Anderson, Hubert | R. 3, St. Peter | 3 |
| Steele County Cashman Seed Co. | Owatonna | 15 |
| MINHYBRID 612 | | |
| A yellow dent hybrid. Maturity 94-98 days. Pedigree (A427 x A556) (A495 x A509) | | |
| Meeker County Dahlman, Albin & Sons | Dassel | 5 |
| Dahlman, Arthur E. | Dassel | 8 |
| Johnson, R. C. & Sons | Dassel | 4 |
| Renville County Enesvedt Bros. | Sacred Heart | 20 |
| MINHYBRID 707 | | |
| Maturity 93-97 days. (A204 x A116) (W9 x A96) | | |
| Meeker County Dahlman, Arthur E. | Dassel | 10 |
| Johnson, R. C. & Sons | Dassel | 16 |
| Peterson, C. J. Seed House | Dassel | 15 |
| WISCONSIN 269 | | |
| Meeker County Peterson, C. J. Seed House | Dassel | 10 |
| WISCONSIN 279 | | |
| A yellow dent hybrid. Maturity 86-90 days. Pedigree (W9 x M13) (C49 x WD) | | |
| Meeker County Dahlman, Albin & Sons | Dassel | 4 |
| Dahlman, Arthur E. | Dassel | 8 |
| Johnson, R. C. & Sons | Dassel | 12 |
| Peterson, C. J. Seed House | Dassel | 15 |
| WISCONSIN 346 | | |
| Meeker County Peterson, C. J. Seed House | Dassel | 10 |

Certified Seed

CORN—HYBRID FIELD—Continued

| Name of Grower | Post Office | Acreage |
|--|--------------|---------|
| WISCONSIN 352 | | |
| Meeker County | | |
| Peterson, C. J. Seed House..... | Dassel | 7 |
| WISCONSIN 355 | | |
| Maturity 93-97 days. | | |
| Pedigree (W9 x M13) (W153 x W25) | | |
| Meeker County | | |
| Johnson, R. C. & Sons..... | Dassel | 17 |
| Peterson, C. J. Seed House..... | Dassel | 15 |
| WISCONSIN 355A | | |
| Maturity 98-102 days. | | |
| Pedigree (153R x 37A) (M13R x 182B) | | |
| Meeker County | | |
| Dahlman, Arthur E..... | Dassel | 6 |
| WISCONSIN 417 | | |
| A yellow dent hybrid. Maturity 110-114 days. | | |
| Pedigree (B14 x A239) (M14 x W64A) | | |
| Meeker County | | |
| Dahlman, Arthur E..... | Dassel | 5 |
| Johnson, R. C. & Sons..... | Dassel | 8 |
| Peterson, C. J. Seed House..... | Dassel | 10 |
| WISCONSIN 423 | | |
| Meeker County | | |
| Johnson, R. C. & Sons..... | Dassel | 7 |
| WISCONSIN 453 | | |
| Maturity 98-102 days. | | |
| Pedigree (M13R x W64A) (W182D x W182B) | | |
| Faribault County | | |
| Willetta Seed Farm..... | Delavan | 3.5 |
| Freeborn County | | |
| Magnuson, Ephraim..... | R. 1, Austin | 10 |
| Steele County | | |
| Cashman Seed Co..... | Owatonna | 15 |
| WISCONSIN 530 | | |
| A yellow dent hybrid. Maturity 105-109 days. | | |
| Pedigree (R3 x W64A) (W182D x M14) | | |
| Freeborn County | | |
| Magnuson, Ephraim..... | R. 1, Austin | 10 |
| Le Sueur County | | |
| Pinney, Carl..... | LeSueur | 16 |
| Simpson, C. V..... | Waterville | 8 |
| Meeker County | | |
| Dahlman, Albin & Sons..... | Dassel | 6 |

POPCORN

MINHYBRID 250—This hybrid is somewhat earlier than the standard Japanese hulless. It is a cross of the two Japanese Hulless inbreds, 1-29 and 6-29. The ears are white, 3 to 4 inches long, and uniformly cylindrical in shape. The hybrid gives 29% greater popping volume and has yielded 16% more than the open-pollinated Japanese Hulless variety. Either inbred may be used as the female parent although 6-29 is usually preferred. Both parents may be planted at the same time.

| | | |
|-------------------------------|-----------|----|
| Rice County | | |
| Farmer Seed & Nursery Co..... | Faribault | 25 |

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Certified Seed

COMMERCIAL CERTIFIED HYBRID SEED CORN

| Name of Grower | Post Office | Acreage |
|--|-------------|---------|
| Cargill, Inc., Box 328, St. Peter, Nicollet County | | |
| Cargill 84N | | 12 |
| Cargill 87N | | 35 |
| Cargill 102N | | 55 |
| Cargill 180 | | 40 |
| Cargill 500 | | 94 |
| Cargill 505 | | 140 |
| Cargill 533 | | 120 |
| Cargill 575 | | 72 |
| Cargill 577 | | 169 |
| Cargill 590 | | 441 |
| Cargill 655 | | 670 |
| Cargill 666 | | 150 |
| Cargill 677 | | 140 |
| Cargill 680 | | 265 |
| Dahlman, Arthur E. | | |
| R. 1, Dassel, Minnesota, Meeker Co. | | |
| Dahlman D-90 | | 8 |
| Dahlman D-95 | | 7 |
| Farmer Seed & Nursery Company | | |
| Faribault, Minnesota, Rice Co. | | |
| Master F-13 | | 7 |
| Master F-14 | | 12 |
| Master F-19 | | 3 |
| Master F-21 | | 20 |
| Master F-22 | | 9 |
| Master F-24 | | 22 |
| Master F-29 | | 12 |
| Master F-30 | | 10 |
| Master F-31A | | 15 |
| Master F-34 | | 30 |
| Master F-35 | | 24 |
| Master F-60A | | 14 |
| Master F-66 | | 14 |
| Master F-70 | | 14 |
| Master F-75 | | 25 |
| Master F-80 | | 10 |
| Master F-84 | | 29 |
| Master F-90 | | 10 |
| Master F-101A | | 7 |
| Master F-102 | | 15 |
| Master F-106A | | 9 |
| Master F-107 | | 9 |
| Haapala, Levi & Sons, Inc. | | |
| Dassel, Minnesota, Meeker Co. | | |
| M88 | | 12 |
| Jacques Seed Company | | |
| Prescott, Wisconsin, Out-of-State | | |
| Jacques 820J | | 40 |
| Jacques 850 J | | 28 |
| Jacques 853J | | 50 |
| Jacques 870J | | 35 |
| Jacques 908A | | 100 |
| Jacques 907J | | 40 |
| Jacques 950J | | 40 |
| Jacques 951J | | 100 |
| Jacques 957JA | | 120 |
| Jacques 1003J | | 128 |
| Jacques 1005J | | 70 |
| Jacques 1053JB | | 124 |
| Jacques 1103JA | | 32 |
| Jacques 1105J | | 142 |
| Jacques 1108A | | 75 |
| Jacques 1150J | | 80 |
| Jacques 1158J | | 75 |
| Jacques 1205J | | 22 |
| Jacques 1208A | | 24 |
| Jacques Hi Sugar Silage..... | | 25 |
| Leitschuh, Henry | | |
| Sleepy Eye, Minnesota, Brown Co. | | |
| Supercross 110 | | 10 |
| Mallard Seed Company | | |
| Plainview, Minnesota, Wabasha Co. | | |
| Mallard 21 | | 50 |
| Mallard 23 | | 10 |
| Mallard 35 | | 50 |
| Mallard 42 | | 50 |

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Certified Seed

COMMERCIAL CERTIFIED HYBRID SEED CORN—Continued

| Name of Grower | Post Office | Acreage |
|---|-------------|---------|
| Northrup King & Co., 1500 Jackson St. N. E. Minneapolis, Minnesota, Hennepin Co. | | |
| Northrup King KA3 | | 280 |
| Northrup King KA4 | | 200 |
| Northrup King KB4 | | 521 |
| Northrup King KC3 | | 40 |
| Northrup King KC6 | | 290 |
| Northrup King KE2 | | 26 |
| Northrup King KE7 | | 80 |
| Northrup King KE435 | | 80 |
| Northrup King KE444 | | 224 |
| Northrup King KE475 | | 250 |
| Northrup King KM547 | | 60 |
| Northrup King KM558 | | 60 |
| Northrup King KM581 | | 40 |
| Northrup King KM589 | | 120 |
| Northrup King KO4 | | 145 |
| Northrup King KO5 | | 120 |
| Northrup King KS2 | | 250 |
| Northrup King KS3 | | 140 |
| Northrup King KS4 | | 250 |
| Northrup King KS5 | | 200 |
| Northrup King KT | | 150 |
| Northrup King KT6 | | 460 |
| Northrup King M2 | | 460 |
| Steckley Hybrid Corn Company 2416 N. Str., Lincoln, Nebraska, Out-of-State | | |
| Genetic Giant 1 | | 30 |
| Genetic Giant 3A | | 30 |
| Genetic Giant 4 | | 30 |
| Genetic Giant 8 | | 20 |
| Genetic Giant 10 | | 60 |
| Genetic Giant 90 | | 20 |
| Genetic Giant 95 | | 76 |
| Genetic Giant 99 | | 20 |

F L A X

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---|--------------|-----------------|--------------|
| ARNY —From a cross of Crystal x Redson made at Minnesota Agricultural Experiment Station. Immunity to rust conditioned by L gene which is not found in other recommended late-maturing varieties; highly resistant to wilt and moderately resistant to pasmo; resistant to lodging. Fair oil content of good drying quality. Brown-seeded, blue-flowered, late maturing, recommended for early sowing for best yields. | | | |
| Chippewa County | | | |
| Brummer, Bernard F. | Clara City | 2 | 7 |
| Jackson County | | | |
| Winzer, Charles & Son | Heron Lake | 2 | 40 |
| Lincoln County | | | |
| Christopherson, Donald | Ivanhoe | 1 | 8 |
| Norman County | | | |
| Hastad, C. J. | Halstad | 2 | 17.4 |
| Renville County | | | |
| Dahlgren, Henry | Sacred Heart | 1 | 25 |
| Frederickson, Lloyd | R. 2, Hector | 2 | 22 |
| Loftness, Richard | Hector | 2 | 20 |
| Traverse County | | | |
| Frisch, Felix | Dumont | 1 | 10 |
| Wilkin County | | | |
| Larson, Arthur J. | Rothsay | 2 | 16 |

[26]

Certified Seed

F L A X — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---|--------------|-----------------|--------------|
| B-5128 —From a cross of Golden x Rio made at North Dakota Agricultural Experiment Station. Immunity to rust conditioned by N ¹ gene; moderately susceptible to both wilt and pasmo. Good oil content of only fair drying quality. Contains a mixture of types, including a small percentage of both yellow-seeded plants and rust-susceptible plants. Brown-seeded, blue-flowered, late-maturing. For best results it should be sown early. | | | |
| Grant County | | | |
| Adams, Alan | Wendell | 2 | 40 |
| Adams, Merwin | Wendell | 2 | 32 |
| Hennepin County | | | |
| Northrup King & Co. 1500 Jackson St. N. E. | | Minneapolis | 2 80 |
| Lac qui Parle County | | | |
| Buer, Eldred & Sons | Canby | 1 | 16 |
| Lincoln County | | | |
| Christopherson, Donald | Ivanhoe | 2 | 19 |
| Lyon County | | | |
| Huso Bros. | Minneota | 1 | 20 |
| Marshall County | | | |
| Backstrom, Robert | Warren | 1 | 80 |
| Redwood County | | | |
| Hook, Bert & Son | Tracy | 1 | 15 |
| Hulke, Ralph L. | Lucan | 2 | 20 |
| Renville County | | | |
| Berg, Alfred | Sacred Heart | 1 | 12 |
| Dahlgren, Henry | Sacred Heart | 1 | 16 |
| Johnson, Ray S. | Sacred Heart | 1 | 17 |

BOLLEY—Developed at North Dakota Agricultural Experiment Station from cross of birio x C.I. 1134. Immunity to rust conditioned by L⁶ gene; moderately wilt resistant; and moderately susceptible to pasmo; excellent oil content of excellent drying quality. Some evidence of greater susceptibility to aster yellows virus than other recommended varieties. Brown-seeded, blue-flowered, medium-early maturing. Superior to Army, B5128 or Redwood for late-sowing.

| | | | |
|------------------------|--------------|---|----|
| Grant County | | | |
| Thiel, Robert E. | Wendell | 2 | 14 |
| Werk, Lester | Herman | 1 | 12 |
| Kittson County | | | |
| Stewart, Hilson L. | Humboldt | 1 | 33 |
| Marshall County | | | |
| St. Germain, Alme | Argyle | 1 | 23 |
| Renville County | | | |
| Dahlgren, Henry | Sacred Heart | 1 | 10 |

MARINE—Selected from cross of C.I. 975 x Sheyenne at North Dakota Agricultural Experiment Station. Immunity to rust conditioned by L gene; moderately resistant to wilt and pasmo; fair oil content of high drying quality. Brown-seeded, blue-flowered, early-maturing. Yields are inferior to those of late-maturing varieties when sown early but superior in yield when sowings are made in late May or June.

| | | | |
|--------------------|---------|---|---|
| Polk County | | | |
| Flaskerud, Henry | Fosston | 1 | 4 |

REDWOOD—Originated from a cross of B-5128 x Redson at Minnesota Agricultural Experiment Station. Has N¹ gene which conditions immunity to rust; moderately wilt resistant and moderately susceptible to pasmo; good oil content of good drying quality; straw of excellent fiber quality. Brown-seeded, blue-flowered, mid-late in maturity. Excellent yields in field trials, particularly when sown early.

| | | | |
|------------------------|---------|---|----|
| Chippewa County | | | |
| Belshaw, Wilbur | Maynard | 1 | 5 |
| Grant County | | | |
| Thiel, Robert E. | Wendell | 2 | 12 |
| Werk, Harvey W. | Herman | 2 | 6 |

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Certified Seed

GRASS — LAWN

| Name of Grower | Post Office | Genera- tion | Acre- age |
|----------------|-------------|-----------------|--------------|
|----------------|-------------|-----------------|--------------|

PARK—A mixture of 15 apomictic lines selected by the Minnesota Agricultural Experiment Station. Excellent seedling vigor. Moderate resistance to rust, susceptible to mildew. Good forage and seed producer; makes tough, durable sod.

| | | | |
|---|---------|--|-------|
| Clay County | | | |
| Krabbenhoft, E. F., Jr. | Sabin | | 9 |
| Valley Bee Seed & Honey Co. | Glyndon | | 779 |
| Roseau County | | | |
| Northern Minnesota Bluegrass Growers' Assn. | Roseau | | 5,106 |

O A T S

AJAX—White grain, tall, medium in maturity. High in yield; medium in weight per bushel. Standing ability is not as good as other recommended varieties. Susceptible to crown rust, smut, and race 8 of stem rust; resistant to stem rust races 7 and 7A. Developed in Canada from the cross Victory x Hajira.

| | | | |
|--------------------------------|------------------------|---|----|
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 2 | 10 |
| Isanti County | | | |
| Dahlberg Bros. | Cambridge | 1 | 65 |
| Larson, Edward W. | B. 73, R. 1, Cambridge | 1 | 17 |
| Ostrom, Richard | R. 2, Cambridge | 1 | 12 |
| Cambridge Feed & Mill Co. | Cambridge | 1 | 65 |
| Le Sueur County | | | |
| Stangler, Elmer J., Sr. | Kilkenny | 2 | 5 |
| Meeke County | | | |
| Dahlman, Arthur E. | Dassel | 1 | 28 |
| Renville County | | | |
| Dahlgren, Henry | Sacred Heart | 1 | 12 |
| Stearns County | | | |
| Indieke, Anthony | Melrose | 1 | 6 |

ANDREW—Yellow grain, medium in height, very early maturing, good yielding oat, with excellent adaptability throughout the Corn Belt. Good weight per bushel; desirable straw strength; high groat percentage. Resistant to smut and races 7 and 7A of stem rust; susceptible to stem rust race 8 and crown rust. Selected at the Minnesota Agricultural Experiment Station from a cross of Bond x Rainbow.

| | | | |
|----------------------------|--------------|---|----|
| Renville County | | | |
| Johnson, Ray S. | Sacred Heart | 1 | 17 |
| Stevens County | | | |
| Morton, J. L. & Sons. | Hancock | 1 | 22 |
| Swift County | | | |
| Munson Seed Co. | Benson | 1 | 12 |

BEEDEE—Developed from Beacon x Hawkeye-Victoria by the Wisconsin Agricultural Experiment Station. Medium in maturity, height, and lodging resistance. Large brownish-white grain of medium test weight. Resistant to races 7 and 7A of stem rust and smuts; susceptible to stem rust race 8 and moderately susceptible to crown rust.

| | | | |
|--------------------------|----------|---|----|
| Blue Earth County | | | |
| Ramy Seed Co. | Mankato | 1 | 35 |
| Dakota County | | | |
| Trapp, Henry | Hastings | 1 | 28 |
| Faribault County | | | |
| Willette Seed Farm. | Delavan | 1 | 33 |

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Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|----------------|-------------|-----------------|--------------|
|----------------|-------------|-----------------|--------------|

BONHAM—Early, medium in height, lodging resistance, and test weight. Yields less than recommended varieties. Resistant to race 8 of stem rust. A mass selection made in Michigan from C.I. 3664, a cross of Bond x D69; it has been increased and distributed by the Michigan Station.

| | | | |
|------------------------|------------|---|----|
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 2 | 10 |

BURNETT—Medium-early maturing, yellowish-white oat; large, plump grain of high test weight. Medium in height and good in yield and straw strength. Resistant to all races of stem rust found in this area except 7A and to smuts; susceptible to crown rust. Developed at the Iowa Agricultural Experiment Station from a cross of Victoria-Hajira-Banner x Colo.

| | | | |
|-------------------------------|------------------|---|----|
| Blue Earth County | | | |
| Othoudt, Wayne | Lake Crystal | 1 | 13 |
| Dakota County | | | |
| Empey Farms | Farmington | 1 | 56 |
| Dodge County | | | |
| Hokanson Bros. | Dodge Center | 1 | 30 |
| Faribault County | | | |
| Meyer, Wm. | Blue Earth | 2 | 11 |
| Faschke, Lester | Delavan | 1 | 15 |
| Freeborn County | | | |
| Borge, Sig & Son. | Hartland | 1 | 21 |
| Ehrhardt, George | Albert Lea | 1 | 30 |
| Vollum, Orville. | R. 2, Albert Lea | 1 | 10 |
| Kandiyohi County | | | |
| Olson, Leon | Willmar | 2 | 15 |
| Le Sueur County | | | |
| Stangler, Elmer J., Sr. | Kilkenny | 2 | 8 |
| Mower County | | | |
| Zimmerman, R. L. & Son. | Racine | 2 | 12 |
| Murray County | | | |
| Nantkes, Jesse J. | Fulda | 2 | 12 |
| Nicollet County | | | |
| Liebl, Louis | Gibbon | 2 | 7 |
| Olmsted County | | | |
| Meyer's Seeds | Elgin | 1 | 10 |
| Steele County | | | |
| Cashman Seed Co. | Owatonna | 2 | 95 |
| Stevens County | | | |
| Joos, Carl | Morris | 1 | 40 |
| Morton, J. L. & Sons. | Hancock | 1 | 12 |
| Swift County | | | |
| Larson, Raymond | Benson | 2 | 25 |
| Munson Seed Co. | Benson | 2 | 23 |
| Waseca County | | | |
| Eichhorst, Erwin J. | Waldorf | 2 | 18 |
| Watonwan County | | | |
| Nelson, Leanus G. | St. James | 1 | 8 |
| Wilkin County | | | |
| Friederichs, Wm. & Sons. | Foxhome | 1 | 20 |
| Knapp, C. Gordon. | Foxhome | 1 | 8 |
| Yaggie, Leo L. | Breckenridge | 2 | 20 |

CHEROKEE—Early and short, fair in yield and test weight. Susceptible to crown rust and races 7 and 7A of stem rust; resistant to race 8. Selected from a cross of D69 x Bond and increased in Iowa and Kansas. Also grown under the names Ames No. 2, McCarthy, or 3846.

| | | | |
|------------------------|------------|---|----|
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 1 | 32 |

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Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---|-------------------|-----------------|--------------|
| CLINTLAND 60 —Developed at the Indiana Agricultural Experiment Station from a series of backcrosses involving the parentage Clintland ² x [(Clinton 59 ⁷ x Landhafer) ⁴ x (Clinton-Boone-Cartier x RL 2105)]. Medium-early maturing, yellow oat of medium-size seed and high test weight. Medium in yield; very good in lodging resistance. Resistant to smuts, to all races of stem rust found in this area except 7A. Resistant to most of the prevalent races of crown rust in the north central states, but susceptible to certain races which have occurred in some parts of the region. | | | |
| Blue Earth County | | | |
| Wigley, Richard | Lake Crystal | 2 | 3 |
| Chisago County | | | |
| Anderson, Edward A. | Rush City | 2 | 41 |
| Dodge County | | | |
| Zeller, Harvey | West Concord | 2 | 15 |
| Goodhue County | | | |
| Augustine, Raymond..... | R. 3, Goodhue | 2 | 30 |
| Grant County | | | |
| Lacey, Clarence | Wendell | 2 | 10 |
| Isanti County | | | |
| Cambridge Feed & Mill Co..... | Cambridge | 1 | 44 |
| Cambridge Feed & Mill Co..... | Cambridge | 2 | 35 |
| Nelson, Glenn | Cambridge | 1 | 32 |
| Peterson, Donald Lee..... | Braham | 2 | 17 |
| Kanabec County | | | |
| Pearson, Duane | Ogilvie | 2 | 10 |
| LeSueur County | | | |
| Stangler, Elmer J., Sr..... | Kilkenny | 1 | 7 |
| Sunderman, Kenneth | LeSueur | 2 | 5 |
| Martin County | | | |
| Barke, Robert J..... | R. 1, Fairmont | 2 | 6 |
| Gould, Orrin E..... | Fairmont | 2 | 12 |
| Nicollet County | | | |
| Norrell, Art and Son..... | St. Peter | 2 | 10 |
| Norman County | | | |
| Jensen, Carl | Ada | 2 | 40 |
| Otter Tail County | | | |
| Bergsten, Erland A..... | Clitherall | 2 | 10 |
| Pennington County | | | |
| Dvorak, Richard..... | Thief River Falls | 2 | 7 |
| Polk County | | | |
| Epema, Sam | McIntosh | 2 | 16 |
| Renville County | | | |
| Hoffman, Harold | Renville | 2 | 14 |
| Rice County | | | |
| Farmer Seed & Nursery Co..... | Faribault | 1 | 20 |
| Stearns County | | | |
| Imdieke, Anthony | Melrose | 2 | 9 |
| Steele County | | | |
| Cashman Seed Co..... | Owatonna | 2 | 22 |
| Stevens County | | | |
| Schuster, Dean | Chokio | 2 | 10 |
| Waseca County | | | |
| Eyron, Walter M..... | Waseca | 1 | 25 |
| Hoehn, Cletus A..... | R. 1, Waseca | 2 | 15 |
| Wilkin County | | | |
| Frokjer, A. C..... | Nashua | 1 | 18 |
| Larson, Arthur J..... | Rothsay | 1 | 6 |

Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|--|------------------------|-----------------|--------------|
| GARRY —Developed in Canada from a cross of Victory x (Victoria x Hajira-Banner) and reselected for purity of agronomic characters and disease resistance. Tall, late, and outstanding in yield, with large yellowish-white seed of good test weight. Resistant to all races of stem rust found in this area, including race 7A; Susceptible to crown rust. Also resistant to the smuts. | | | |
| Blue Earth County | | | |
| Ireland, Lawrence | Mankato | 1 | 15 |
| Brown County | | | |
| Krueger, Lester B..... | Springfield | 1 | 20 |
| Carver County | | | |
| Molnau, Edwin | Waconia | 1 | 10 |
| Clay County | | | |
| Lee, Herman H..... | Borup | 1 | 154 |
| Dakota County | | | |
| Carroll, W. L. & Sons..... | Rosemount | 1 | 20 |
| Dodge County | | | |
| Bielenberg Bros. | Dodge Center | 1 | 20 |
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 2 | 13 |
| Goodhue County | | | |
| Trapp, Roy | Kenyon | 1 | 5 |
| Trapp, Roy | Kenyon | 2 | 30 |
| Grant County | | | |
| Dvorak, Adolph | Herman | 1 | 45 |
| Raths, Rudy | Norcross | 1 | 8 |
| Isanti County | | | |
| Cambridge Feed & Mill Co..... | Cambridge | 2 | 16 |
| Kittson County | | | |
| Reese, W. Howard..... | Humboldt | 1 | 37 |
| Le Sueur County | | | |
| Sunderman, Kenneth | LeSueur | 1 | 12 |
| Marshall County | | | |
| Meyer, Paul E..... | Warren | 1 | 84 |
| Munger Bros. | Warren | 1 | 70 |
| Norman County | | | |
| Aarestad Farm Products, Inc..... | Halstad | 1 | 10 |
| Polk County | | | |
| Glass, Robert | Angus | 1 | 40 |
| Hertweck, Robert & Link, Wilmer | R. 3, East Grand Forks | 1 | 80 |
| Kiel, Lyle O..... | Crookston | 1 | 100 |
| Moen Bros. | Alvarado | 1 | 100 |
| Westburg, Roy V..... | Warren | 1 | 50 |
| Ramsey County | | | |
| Associated Producers, Inc. 29 E. Indiana Ave., St. Paul..... | | 1 | 63 |
| Renville County | | | |
| Ziller, Anthony A..... | Bird Island | 1 | 12 |
| Rice County | | | |
| Farmer Seed & Nursery Co..... | Faribault | 1 | 40 |
| Stearns County | | | |
| Nietfeld Farm Inc..... | Melrose | 1 | 30 |
| Steele County | | | |
| Kaplan, Clarence | Blooming Prairie | 1 | 18 |
| Kaplan, Clarence | Blooming Prairie | 2 | 22 |
| Swift County | | | |
| Munson Seed Co..... | Benson | 1 | 140 |
| Wabasha County | | | |
| Zabel, Clarence | Plainview | 1 | 35 |
| Waseca County | | | |
| Eichhorst, Erwin J..... | Waldorf | 1 | 11 |
| Strohl, Joseph | Janesville | 1 | 9½ |
| Out-of-State | | | |
| Enloe, Wm. J., Jr..... | R. 1, Hudson, Wis. | 1 | 36 |

Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acra- ge |
|--|------------------|-----------------|-------------|
| GOODFIELD —Medium-early in maturity, good in yield, and high in test weight. Short straw with very good lodging resistance. Resistant to smuts, to all races of stem rust found in this area including 7. Resistant to most of the prevalent races of crown rust in the north central states, but susceptible to certain races which have occurred in some parts of the region. Developed at the Wisconsin Agricultural Experiment Station from the cross Clintland x (Garry x Hawkeye-Victoria). | | | |
| Big Stone County | | | |
| Anderson, Errol | Ortonville | 1 | 4 |
| Blue Earth County | | | |
| Hohenstein, Lyle | Vernon Center | 1 | 35 |
| Hohenstein, Robert | Garden City | 1 | 11 |
| Mertesdorf, Clem | Vernon Center | 1 | 10 |
| Brown County | | | |
| Krueger, Lester E. | Springfield | 2 | 5 |
| Dakota County | | | |
| Trapp, Henry | Hastings | 2 | 14 |
| Dodge County | | | |
| Bielenberg Bros. | Dodge Center | 1 | 35 |
| Ebenhoh, James | Claremont | 2 | 4½ |
| Hokanson Bros. | Dodge Center | 1 | 13 |
| Johnson, Marshall | Hayfield | 2 | 13 |
| Streiff, Leon B. | West Concord | 1 | 10 |
| Streiff, Leon B. | West Concord | 2 | 16 |
| Wright Seed Service | West Concord | 1 | 20 |
| Douglas County | | | |
| Thompson, Francis | Kensington | 2 | 18 |
| Faribault County | | | |
| Meyer, Wm. | Blue Earth | 2 | 11 |
| Paschke, Richard | Blue Earth | 2 | 10 |
| Willette Seed Farm | Delavan | 2 | 10 |
| Fillmore County | | | |
| Burness & Elstad | Canton | 2 | 65 |
| Thompson, Cyrus | Canton | 2 | 11 |
| Freeborn County | | | |
| Angell, William | Blooming Prairie | 2 | 10 |
| Borge, Sig & Son | Hartland | 2 | 8 |
| Ehrhardt, George | Albert Lea | 1 | 20 |
| Vollum, Orville | R. 2, Albert Lea | 2 | 20 |
| Goodhue County | | | |
| Schafer, John S. | Lake City | 2 | 11 |
| Swenson, Wendell | Goodhue | 2 | 12 |
| Hennepin County | | | |
| Northrup King & Co. | | | |
| 1500 Jackson St. N. E. | Minneapolis | 1 | 15 |
| Northrup King & Co. | | | |
| 1500 Jackson St. N. E. | Minneapolis | 2 | 7 |
| Schlosser Bros. | Loretto | 2 | 11 |
| Isanti County | | | |
| Cambridge Feed & Mill Co. | Cambridge | 2 | 29½ |
| Johnson, Reuben N. | Cambridge | 2 | 15 |
| Jackson County | | | |
| Winzer, Charles & Son | Heron Lake | 2 | 16 |
| Kandiyohi County | | | |
| Johnson, Stewart | Kandiyohi | 2 | 32 |
| Larson, Howard L. | R. 1, Willmar | 2 | 20 |
| Lac qui Parle County | | | |
| Buer, Eldred & Sons | Canby | 2 | 18 |
| LeSueur County | | | |
| Pete, Leo | LeCenter | 2 | 50 |
| Rosival, Richard | R. 2, Montgomery | 2 | 4 |
| Stangler, Elmer J., Sr. | Kilkenny | 2 | 8 |
| Martin County | | | |
| Bremer, Andrew | Fairmont | 2 | 18 |

Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acra- ge |
|-------------------------------|------------------|-----------------|-------------|
| GOODFIELD —Continued | | | |
| McLeod County | | | |
| Dammann, Lester | Plato | 2 | 12 |
| Meeker County | | | |
| Christiansen, Alvin H. | Litchfield | 2 | 5 |
| Millie Laes County | | | |
| Wilhelm Bros. | R. 4, Princeton | 2 | 8 |
| Mower County | | | |
| Goodwin, N. C. & Son | R. 1, Austin | 2 | 13 |
| Gronseth, James H. | Dexter | 2 | 25 |
| Iblings, J. T. | Brownsdale | 2 | 15 |
| Olof, Walter | Waltham | 2 | 25 |
| Murray County | | | |
| Richardson, H. C. & Sons | Tracy | 1 | 20 |
| Nicollet County | | | |
| Liebl, Louis | Gibbon | 2 | 9 |
| Webster, Elroy, Jr. | Nicollet | 1 | 12 |
| Polk County | | | |
| Epema, Sam | McIntosh | 2 | 10 |
| Renville County | | | |
| Enestvedt Bros. | Sacred Heart | 2 | 25 |
| Johnson, Ray S. | Sacred Heart | 2 | 8 |
| Ziller, Anthony A. | Bird Island | 1 | 18 |
| Rice County | | | |
| Farmer Seed & Nursery Co. | Faribault | 1 | 10 |
| Sibley County | | | |
| Carlson, Russell A. | Winthrop | 1 | 9 |
| Wichelmann, Arnold | Gaylord | 1 | 2½ |
| Steele County | | | |
| Cashman Seed Co. | Owatonna | 2 | 13 |
| Owatonna FFA Chapter | Owatonna | 2 | 9 |
| Schley, Herman E. | Blooming Prairie | 2 | 7 |
| Stevens County | | | |
| Joos, Carl | Morris | 2 | 24 |
| Swift County | | | |
| Erickson, Harold C. | Appleton | 1 | 42½ |
| Munson Seed Co. | Benson | 1 | 75 |
| Wabasha County | | | |
| La Qua, Robert F. | Plainview | 2 | 18 |
| Waseca County | | | |
| Ewert, Leonard | Janesville | 2 | 8 |
| Miller, Leo L. | New Richland | 2 | 19 |
| Thompson, Raymond H. | Waseca | 2 | 10 |
| Washington County | | | |
| Welander, G. Arthur | Stillwater | 1 | 13 |
| Watonwan County | | | |
| Feder, William | Madelia | 2 | 9 |
| Nelson, Leanus G. | St. James | 2 | 10 |
| Wilkin County | | | |
| Friederichs, Wm. & Sons | Foxhome | 2 | 30 |
| Yellow Medicine County | | | |
| Pesek, Frank, Jr. | Minneota | 2 | 18 |

MINHAFFER—Developed at the Minnesota Agricultural Experiment Station from a cross of Landhafer x (Bond-Rainbow x Hajira-Joanette). Yellow grain, similar to Andrew in yield, height, and maturity. Somewhat superior to Andrew in straw strength, grain size, and test weight. Resistant to all races of stem rust found in this area, including 7A, and to smuts. Resistant to most of the prevalent races of crown rust in the north central states, but susceptible to certain races which have occurred in some parts of the region.

Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---|------------------|-----------------|--------------|
| MINHAFFER—Continued | | | |
| Blue Earth County | | | |
| Ireland, Lawrence | Mankato | 1 | 4 |
| Dodge County | | | |
| Wright Seed Service | West Concord | 1 | 22 |
| Faribault County | | | |
| Willette Seed Farm..... | Delavan | 1 | 40 |
| Freeborn County | | | |
| Angell, William | Blooming Prairie | 1 | 10 |
| Ehrhardt, George | Albert Lea | 1 | 15 |
| Vollum, Orville..... | R. 2, Albert Lea | 2 | 23 |
| Goodhue County | | | |
| Ryberg, Walter | Kenyon | 2 | 32 |
| Isanti County | | | |
| Cambridge Feed & Mill Co..... | Cambridge | 1 | 3 |
| Le Sueur County | | | |
| Stangler, Elmer J., Sr..... | Kilkenny | 2 | 3 |
| Mower County | | | |
| Zimmerman, R. L. & Son..... | Racine | 1 | 37 |
| Nicollet County | | | |
| Anderson, Hubert..... | R. 3, St. Peter | 2 | 11 |
| Liebl, Louis | Gibbon | 1 | 7 |
| Norman County | | | |
| Aronson, Maurice W..... | Halstad | 2 | 40 |
| Stearns County | | | |
| Niefeld Farms Inc..... | Melrose | 2 | 10 |
| Steele County | | | |
| Cashman Seed Co..... | Owatonna | 1 | 58 |
| Wabasha County | | | |
| Marx, Henry | Wabasha | 1 | 4 |
| Waseca County | | | |
| Eichhorst, Erwin J..... | Waldorf | 2 | 19 |
| Strohl, Joseph | Janesville | 2 | 4½ |
| Watsonwan County | | | |
| Nelson, Leanus G..... | St. James | 2 | 8 |
| MINTON—High yielding, yellow oat developed at the Minnesota Agricultural Experiment Station from the cross [(Landhafer x (Mindo x Hajira-Joanette)] x Clinton. Medium in maturity, plant height, straw strength, and seed size. Test weight is lower than other recommended varieties. Resistant to smuts, to all races of stem rust found in this area except 7A. Resistant to most of the prevalent races of crown rust in the north central states, but susceptible to certain races which have occurred in some parts of the region. | | | |
| Clay County | | | |
| Morken, Larry | Felton | 2 | 2 |
| LeSueur County | | | |
| Stangler, Elmer J., Sr..... | Kilkenny | 2 | 4 |
| Waseca County | | | |
| Trahms, Alfred | Janesville | 2 | 10 |
| Wilkin County | | | |
| Friederichs, Wm. & Sons..... | Foxhome | 1 | 20 |
| Larson, Arthur J..... | Rothsay | 2 | 6 |

Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---|---------------------------|-----------------|--------------|
| NEHAWKA—A re-selection from the Cherokee oat made at the Nebraska Agricultural Experiment Station. Very early, good yielding oat. Medium in seed size and bushel weight. Short-strawed and good in standing ability. Resistant to smuts, races 7 and 7A of stem rust; but susceptible to crown rust. | | | |
| Freeborn County | | | |
| Borge, Sig & Son..... | Hartland | 1 | 5 |
| NEMAHA—Almost identical to Cherokee; fair in yield. Developed at Iowa from the cross Victoria-Richland x (Morota x Bond). | | | |
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 1 | 74 |
| Mower County | | | |
| Gronseth, James H..... | Dexter | 2 | 7 |
| Steele County | | | |
| Cashman Seed Co..... | Owatonna | 2 | 70 |
| NEWTON — Brownish-yellow oat, medium in height and maturity. Selected from a cross of Nemaha x (Clinton x Boone-Cartier) at the Indiana Agricultural Experiment Station. Resistant to races 7 and 7A of stem rust and smuts; susceptible to race 8 and moderately susceptible to crown rust. | | | |
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 2 | 16 |
| PORTAGE—Tall, mid-season, high-yielding, yellowish-white oat with high bushel weight. Medium in lodging resistance. Resistant to smuts, and to race 7 and 7A of stem rust but susceptible to stem rust race 8. Moderately susceptible to crown rust. Developed at the Wisconsin Agricultural Experiment Station from a cross of Ajax x Hawkeye-Victoria. | | | |
| Benton County | | | |
| Bergstrom, Norbert | Oak Park | 1 | 8 |
| Neeser, Ed. J..... | R. 1, St. Cloud | 1 | 7 |
| Big Stone County | | | |
| Knutson, Edwin | Ortonville | 1 | 4½ |
| Olson, Curtiss | Clinton | 1 | 5 |
| Blue Earth County | | | |
| Hohenstein, Lyle | Vernon Center | 1 | 7 |
| Schwarz, Marvin J..... | Vernon Center | 1 | 10 |
| Brown County | | | |
| Cunningham, Earl | Sleepy Eye | 1 | 12 |
| Krueger, Lester B..... | Springfield | 1 | 35 |
| Chippewa County | | | |
| Fanberg Seed Co..... | Kerkhoven | 1 | 11 |
| Neal, Lloyd | Murdock | 1 | 8 |
| Clay County | | | |
| Tobolt, Harold | Moorhead | 1 | 20 |
| Baker, Leo J..... | 1110 So 8th St., Moorhead | 1 | 12 |
| Dakota County | | | |
| Empey Farms | Farmington | 1 | 43 |
| Fairhills Farm | Farmington | 1 | 13 |
| Leifeld, Leo | R. 1, Hastings | 1 | 22 |
| Trapp, Henry | Hastings | 1 | 68 |
| Dodge County | | | |
| Bielenberg Bros. | Dodge Center | 1 | 36 |
| Johnson, Marshall | Hayfield | 1 | 14 |
| Johnson, Richard | Hayfield | 1 | 18 |
| Streiff, Leon B..... | West Concord | 1 | 16 |
| Wright Seed Service..... | West Concord | 1 | 30 |
| Faribault County | | | |
| Killion, Louis | Bricelyn | 1 | 6 |

Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acere- age |
|-----------------------------|--------------------------|-----------------|---------------|
| PORTAGE—Continued | | | |
| Fillmore County | | | |
| Prinzing, Norman | Fountain | 1 | 30 |
| Freeborn County | | | |
| Larson, Frank W. | R. 1, Albert Lea | 1 | 8 |
| Ulland, A. M. | Austin | 1 | 15 |
| Goodhue County | | | |
| Farm Seeds, Inc. | P. O. Box 144A, Red Wing | 1 | 8 |
| Trapp, Roy | Kenyon | 1 | 25 |
| Grant County | | | |
| Olson, Einar | Norcross | 1 | 18 |
| Hennepin County | | | |
| Hohag, Earl | Bloomington | 1 | 12 |
| Northrup King & Co. | | | |
| 1500 Jackson St. N. E. | Minneapolis | 1 | 59 |
| Schlösser Bros. | Loretto | 1 | 22 |
| Schoening, Arthur | Loretto | 1 | 10 |
| Houston County | | | |
| Hendel, Geo. J. & Sons | Caledonia | 1 | 17 |
| Isanti County | | | |
| Anderson, Emil | Braham | 1 | 11 |
| Bismark, Leonard & Wallace | Cambridge | 1 | 11 |
| Jackson County | | | |
| Hasbargen, John | Jackson | 1 | 13 |
| Kandiyohi County | | | |
| Lippert, Elroy | Blomkest | 1 | 9 |
| Olson, Leon | Willmar | 1 | 5 |
| Lac Qui Parle County | | | |
| Buer, Eldred & Sons | Canby | 1 | 73 |
| Hofstad, Alvin O. | Madison | 1 | 10 |
| Ulrich, Fred W. | Big Stone, So. Dak. | 1 | 6 |
| LeSueur County | | | |
| Pete, Leo | LeCenter | 1 | 8 |
| Sunderman, Kenneth | LeSueur | 1 | 45 |
| Lincoln County | | | |
| Christopherson, Donald | Ivanhoe | 1 | 11 |
| Lyon County | | | |
| Hennen, Leo | Minneota | 1 | 15 |
| Huso Bros. | Minneota | 1 | 15 |
| Olson, Robert & Kenneth | Cottonwood | 1 | 12 |
| Marshall County | | | |
| Fischer, David | Warren | 1 | 13 |
| Yutzenka, M. R. | Argyle | 1 | 15 |
| Martin County | | | |
| Selsvold, Ernest | Ormsby | 1 | 10 |
| McLeod County | | | |
| Donnay, LeRoy | Glencoe | 1 | 7 |
| Kreil, Robert | Glencoe | 1 | 6 |
| Meeker County | | | |
| Kittelsohn Bros. | Litchfield | 1 | 10 |
| Mille Laes County | | | |
| Wilhelm Bros. | R. 4, Princeton | 1 | 8 |
| Morrison County | | | |
| Smith, A. J. | Little Falls | 1 | 7 |
| Mower County | | | |
| Frank, Delos | Rose Creek | 1 | 9 |
| Grant, Lauren | R. 1, Austin | 1 | 7 |
| Jacobson, Hollis | Slayton | 1 | 12.5 |
| Schuett, Lawrence A. | Austin | 1 | 5 |
| Murray County | | | |
| Nantkes, Jesse J. | Fulda | 1 | 11 |
| Richardson, H. C. & Sons | Tracy | 1 | 14 |

Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acere- age |
|------------------------------|----------------------|-----------------|---------------|
| PORTAGE—Continued | | | |
| Nicollet County | | | |
| Norell, Art & Son | St. Peter | 1 | 8 |
| Samuelson, L. W. & Son | Lafayette | 1 | 11 |
| Norman County | | | |
| Ada Feed & Seed, Inc. | Ada | 1 | 10 |
| Olmsted County | | | |
| Carpenter, Clarence A. | Dover | 1 | 18 |
| Pike, Ralph H. | R. 4, Rochester | 1 | 10 |
| Otter Tail County | | | |
| Evenson, Earl N. | Fergus Falls | 1 | 42 |
| Ohlrogge, Virgil | Ottertail | 1 | 8 |
| Pennington County | | | |
| Anderson Bros. | Thief River Falls | 1 | 8 |
| Wilson, Warren | Goodridge | 1 | 10 |
| Pipestone County | | | |
| Baker, Arthur | Edgerton | 1 | 10 |
| Beyer, Elvin A. | Holland | 1 | 8 |
| Polk County | | | |
| Mischel, Roger | Angus | 1 | 14 |
| Peterson, Robert and Dean | Angus | 1 | 15 |
| Ramsey County | | | |
| Associated Producers Inc. | | | |
| 29 E. Indiana Ave., St. Paul | | 1 | 160½ |
| Red Lake County | | | |
| Miller, Robert G. | Red Lake | 1 | 11 |
| Redwood County | | | |
| Goblirsch Elevator Co. | Wabasso | 1 | 28 |
| Renville County | | | |
| Berg, Alfred | Sacred Heart | 1 | 10 |
| Buscho, Harold | Morton | 1 | 12 |
| Dahlgren, Henry | Sacred Heart | 1 | 29 |
| Hoffman, Harold | Renville | 1 | 10 |
| Roseau County | | | |
| Braaten, Maynard | Roseau | 1 | 8 |
| Sorter, Lloyd | Wanaska | 1 | 14 |
| Scott County | | | |
| Novak, Emil | New Prague | 1 | 4 |
| Wagner, Anton J. | Elko | 1 | 14 |
| Sibley County | | | |
| Carlson, Russell A. | Winthrop | 1 | 11 |
| Stearns County | | | |
| Imdieke, Anthony | Melrose | 1 | 7 |
| Mehr, Geo. J. | Albany | 1 | 8 |
| Terwey, Delphin | St. Joseph | 1 | 6 |
| Steele County | | | |
| Cashman Seed Co. | Owatonna | 1 | 33 |
| Kaplan, Clarence | Blooming Prairie | 1 | 8 |
| Schley, Herman E. | Blooming Prairie | 1 | 25 |
| Stevens County | | | |
| Morton, J. L. & Sons | Hancock | 1 | 12 |
| Swift County | | | |
| Munson Seed Co. | Benson | 1 | 55 |
| Todd County | | | |
| Selensky, Clarence | Sauk Center | 1 | 10 |
| Traverse County | | | |
| Duffing, Joe | White Rock, So. Dak. | 1 | 12 |

Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---|------------------|-----------------|--------------|
| PORTAGE—Continued | | | |
| Wabasha County | | | |
| La Qua, Robert F. | Plainview | 1 | 29 |
| Stegemann, W. W. | Wabasha | 1 | 5 |
| Zabel, Clarence | Plainview | 1 | 10 |
| Waseca County | | | |
| Eichhorst, Erwin J. | Waldorf | 1 | 20 |
| Keeley Bros. | Jamesville | 1 | 10 |
| Miller, Eugene | R. 4, Waseca | 1 | 12 |
| Washington County | | | |
| Rydeen, George L. | Stillwater | 1 | 12 |
| Welander, G. Arthur | Stillwater | 1 | 10 |
| Watsonwan County | | | |
| Kelsey, Dale | Lewisville | 1 | 10 |
| Wiederhofs, Albin F. | Lewisville | 1 | 9 |
| Wilken County | | | |
| Doty, Floyd H. | Nashua | 1 | 9 |
| Larson, Arthur J. | Rothsay | 1 | 12 |
| Paschke, Paul | Wolverton | 1 | 20 |
| Winona County | | | |
| Heim, Joseph L., Sr. | Lewiston | 1 | 10 |
| Simon, Gerald | Lewiston | 1 | 8 |
| Wright County | | | |
| Kiehn, John | South Haven | 1 | 9 |
| Yellow Medicine County | | | |
| Christopherson, Hiram | Clarkfield | 1 | 7 |
| Homme, Kenneth | Granite Falls | 1 | 10 |
| RODNEY—Tall, very late, and outstanding in yield. Large, plump, yellowish-white seed of high test weight. Resistant to all stem rust races found in this area except 7A and to the smuts; moderately susceptible to crown rust. Developed in Canada from a cross [(Victoria x Hajira-Banner) x (Victory x Hajira)] x Roston. | | | |
| Becker County | | | |
| Jirava, Jerome B. | Ogema | 1 | 20 |
| Brown County | | | |
| Krueger, Lester B. | Springfield | 1 | 24 |
| Carver County | | | |
| Molnau, Edwin | Waconia | 2 | 15 |
| Chippewa County | | | |
| Neal, Lloyd | Murdock | 1 | 40 |
| Chisago County | | | |
| Anderson, Dudley | Rush City | 2 | 20 |
| Clay County | | | |
| Brantner, Perry | Felton | 1 | 8 |
| Lee, Herman H. | Borup | 2 | 150 |
| Tobolt, Harold | Moorhead | 1 | 40 |
| Dakota County | | | |
| Trapp, Paul | Hastings | 1 | 16 |
| Wagenknecht, Elmer | Farmington | 1 | 10 |
| Faribault County | | | |
| Willette Seed Farm | Delavan | 2 | 22 |
| Freeborn County | | | |
| Angell, William | Blooming Prairie | 2 | 10 |
| Ehrhardt, George | Albert Lea | 1 | 62 |
| Thisius, M. C. & Sons | Wells | 1 | 6 |
| Grant County | | | |
| Adams, Merwin | Wendell | 1 | 32 |
| Backman, LeRoy | Herman | 2 | 15 |

Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---------------------------------|------------------------|-----------------|--------------|
| RODNEY—Continued | | | |
| Hennepin County | | | |
| Schlosser Bros. | Loretto | 2 | 15 |
| Isanti County | | | |
| Anderson, Carl A. | Cambridge | 2 | 30 |
| Bergman Bros. | Cambridge | 2 | 45 |
| Bismark, Leonard & Wallace | Cambridge | 2 | 57 |
| Cambridge Feed & Mill Co. | Cambridge | 1 | 49 |
| Cambridge Feed & Mill Co. | Cambridge | 2 | 76½ |
| Hjeltman, Arthur | Cambridge | 1 | 64 |
| Kitson County | | | |
| Kiene, Ell | Kennedy | 2 | 102 |
| McIlraith, Wm. S. | Lake Bronson | 2 | 75 |
| Sorenson, Paul | Hallock | 2 | 50 |
| Swanson, Lennart | Lake Bronson | 1 | 6 |
| Warnes, Charles A. | Karlstad | 1 | 5 |
| Lac qui Parle County | | | |
| Buer, Eldred & Sons | Canby | 2 | 30 |
| Le Sueur County | | | |
| Pinney, Carl | LeSueur | 2 | 28 |
| Sunderman, Kenneth | LeSueur | 2 | 35 |
| Marshall County | | | |
| Aase Bros. | R. 2, Warren | 2 | 70 |
| Anderson, Edwin & Son | Stephen | 2 | 20 |
| Tandberg, Peter | Newfolden | 1 | 20 |
| Mower County | | | |
| Zimmerman, R. L. & Son | Racine | 2 | 29 |
| Otter Tail County | | | |
| Evenson, Earl N. | Fergus Falls | 1 | 32 |
| Polk County | | | |
| Bredlie, Elmer | Eldred | 1 | 46 |
| Brekken, Albert & Sons | Crookston | 1 | 22 |
| Giese, Dale | East Grand Forks | 2 | 70 |
| Glass, Robert | Angus | 1 | 249 |
| Hertweck, Robert & Link, Wilmer | R. 3, East Grand Forks | 2 | 20 |
| Koolstra, Miner | Fisher | 1 | 97 |
| Laymon Bros. | R. 4, Warren | 2 | 120 |
| Lien & Tvedten | Crookston | 1 | 38 |
| Mack, James | East Grand Forks | 1 | 25 |
| Merrill, Harold | Fisher | 1 | 24 |
| Peterson, Donald | R. 3, East Grand Forks | 1 | 65 |
| Ross, Harold | Crookston | 1 | 50 |
| Tinkham, Alton W. | R. 2, Fisher | 2 | 25 |
| Wagner & Tvedten Farms | Crookston | 1 | 50 |
| Renville County | | | |
| Berg, Alfred | Sacred Heart | 1 | 10 |
| Dahlgren, Henry | Sacred Heart | 1 | 8 |
| Ziller, Anthony A. | Bird Island | 1 | 17 |
| Stearns County | | | |
| Nietfeld Farm Inc. | Melrose | 2 | 22 |
| Stevens County | | | |
| Morton, J. L. & Sons | Hancock | 2 | 30 |
| Swift County | | | |
| Erickson, Harold C. | Appleton | 2 | 13 |
| Munson Seed Co. | Benson | 1 | 25 |
| Starrett Farms | Benson | 2 | 18 |
| Waseca County | | | |
| Eichhorst, Erwin J. | Waldorf | 1 | 17 |
| Wilkin County | | | |
| Friederichs, Wm. & Sons | Foxhome | 1 | 80 |
| Yaggie, Leo L. | Breckenridge | 2 | 30 |
| Yellow Medicine County | | | |
| Homme, Kenneth | Granite Falls | 2 | 15 |

Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|----------------|-------------|-----------------|--------------|
|----------------|-------------|-----------------|--------------|

RUSSELL—Developed at the Central Experiment Farm in Canada from a cross of (Garry x Ukraine) x Abegweit. Late, medium-tall, good-yielding, yellowish-white oat with plump seed of good test weight. Poor in standing ability. Resistant to races 7 and 8 of stem rust but susceptible to crown rust in the rust nursery test.

Brown County
Leitschuh, HenrySleepy Eye 1 10

Clay County
Lee, Herman H.....Borup 1 70
Tobolt, HaroldR. 2, Moorhead 1 16

Kittson County
Younggren, RussellHallock 1 25

Lac Qui Parle County
Buer, Eldred & Sons.....Canby 1 14
and
Radach, OrinMadison 1 14

Marshall County
Warren Grain & Seed Co.....Warren 1 76

SAUK—Tall, late-maturing, high-yielding, somewhat susceptible to lodging. Large, yellow seed of good test weight. Resistant to races 7 and 7A of stem rust and the smuts; susceptible to race 8. Has shown some tolerance to crown rust. Developed in Wisconsin from the cross (Forward x Victoria-Richland) x Andrew.

Brown County
Krueger, Lester B.....Springfield 1 22

Dakota County
Empey FarmsFarmington 2 58

TONKA—Originated in Oklahoma as a selection from Clinton. Resembles Clinton in several characteristics. A yellow, very early maturing variety with good yield and highest weight. Short height, stiff-strawed, susceptible to most commonly occurring races of crown and stem rust.

Brown County
Krueger, Lester B.....Springfield 1 8

Hennepin County
Peterson Seed Co.....712 W. 78th St., Minneapolis 1 7

Lac Qui Parle County
Buer, Eldred & Sons.....Canby 1 78

Redwood County
Goblirsch Elevator Co.....Wabasso 1 8

Swift County
Munson Seed Co.Benson 1 15

P E A S — F I E L D

STRÅL—Medium in maturity and long vined. Cream-colored seed, medium in size, and high in bushel weight. Good cooking quality. Originated at the Weibullsholm Plant Breeding Institute, Landskrona, Sweden as an x-ray mutation from Kloster.

Clay County
Benedict, Ewald & Son.....Moorhead 1 10
Krabbenhof, E. F., Jr.....Sabin 1 35

Kittson County
Ash & GiffenSt. Vincent 1 10
Bernath, JamesHallock 1 18
Herseth, CarlDrayton, No. Dak. 1 18
Reese, W. HowardHumboldt 1 14
Reinhold, JohnHallock 1 6

Polk County
Campbell, GeorgeCrookston 1 18

[40]

Certified Seed

R Y E

| Name of Grower | Post Office | Genera- tion | Acre- age |
|----------------|-------------|-----------------|--------------|
|----------------|-------------|-----------------|--------------|

ADAMS—High-yielding and winter-hardy, medium in maturity, and tall. Medium-size seed, light brown in color, and high in bushel weight. A combination of lines from Imperial which were selected for high fertility. Released by the University of Wisconsin in 1953.

Yellow Medicine County
Roske, Walter A.....Minneota 5

CARIBOU—High-yielding and very winter-hardy, medium in maturity, and tall. Small seed, somewhat mixed in color, and high in bushel weight. Selected from Crown rye by the University of Saskatchewan; increased and released by the University of Minnesota in 1953.

Polk County
Flaskerud, HenryFosston 24

ELK—Highest yielding variety, fair in winter-hardiness, late maturing, and tall. Medium-sized seed, predominantly green in color, and high in bushel weight. Originated from a small lot of seed obtained in 1953 from the Cereal Crops Division, Canadian Department of Agriculture. Named and released by the University of Minnesota in 1959.

Isanti County
Cambridge Feed & Mill Co.....Cambridge 83

Waseca County
Boucher, Elin B.....R. 3, Waseca 9
Byron, FrankWaseca 6
Byron, Walter M.....Waseca 10

S O Y B E A N S

BLACKHAWK—Selected at the Iowa Agricultural Experiment Station from a cross of Mukden x Richland. Medium tall. Is about 5 to 6 days later in maturity than Chippewa yet averages somewhat lower in yield and has less resistance to lodging.

Blue Earth County
Othoudt, WayneLake Crystal 2 16

Freeborn County
Ehrhardt, GeorgeAlbert Lea 2 26

Hennepin County
Grill, M. F.....R. 1, Box 160, Hopkins 1 71

CAPITAL—Selected at the Central Experiment Farm, Ottawa, Canada, from a cross of 171 x A.D.(Harrow). Similar to Grant in maturity and yield but lodges more and has lower oil content.

Clay County
Ball, Clyde F.....Baker 2 50

Grant County
Thiel, Robert E.....Wendell 1 40

Renville County
Dahlgren, HenrySacred Heart 1 12

CHIPPEWA—Superior in yielding ability, medium tall, very good resistance to lodging. Medium-size seeds, yellow with black seed scars. Good oil content. Pubescence color is brown. Selected U. S. Regional Soybean Laboratory, Urbana, Illinois, from the cross of Lincoln x (Lincoln x Richland). Recommended for South Central and Southern Corn Maturity Zones, and about southern one-third of the Central Zone.

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Certified Seed

S O Y B E A N S—Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|-----------------------------|-----------------------------|-----------------|--------------|
| CHIPPEWA—Continued | | | |
| Blue Earth County | | | |
| Ireland, Lawrence | Mankato | 1 | 6 |
| Othoudt, Wayne | Lake Crystal | 1 | 40 |
| Ramy Seed Co. | Mankato | 1 | 40 |
| Wendlandt Bros. | Garden City | 1 | 7 |
| Wigley, Richard | Lake Crystal | 1 | 70 |
| Brown County | | | |
| Cunningham, Earl | Sleepy Eye | 1 | 6 |
| Krueger, Lester B. | Springfield | 1 | 30 |
| Leitschuh, Henry | Sleepy Eye | 1 | 5 |
| Chippewa County | | | |
| Brummer, Bernard F. | Clara City | 2 | 25 |
| Evans, John W. | Montevideo | 1 | 10 |
| Chisago County | | | |
| Anderson, Edward A. | Rush City | 1 | 16 |
| Dakota County | | | |
| Empey Farms | Farmington | 1 | 105 |
| Trapp, Henry | Hastings | 1 | 30 |
| Wachter, Albert J. | Farmington | 1 | 4 |
| Wagenknecht, Elmer | Farmington | 1 | 10 |
| Dodge County | | | |
| Wright Seed Service | West Concord | 1 | 9 |
| Faribault County | | | |
| Willette Seed Farms | Delavan | 2 | 90 |
| Freeborn County | | | |
| Borge, Sig & Son | Hartland | 2 | 10 |
| Ehrhardt, George | Albert Lea | 1 | 64 |
| Ehrhardt, George | Albert Lea | 2 | 30 |
| Grant, Ordean | R. 4, Austin | 2 | 8 |
| Thisius, M. C. & Sons | Wells | 2 | 6 |
| Ulland, A. M. | Austin | 2 | 7 |
| Vollum, Orville | R. 2, Albert Lea | 1 | 25 |
| Goodhue County | | | |
| Swenson, Wendell | R. 2, Goodhue | 1 | 10 |
| Trapp, Roy | Kenyon | 1 | 5 |
| Trapp, Roy | Kenyon | 2 | 30 |
| Isanti County | | | |
| Anderson, John P. | R. 1, Cambridge | 2 | 25 |
| Jackson County | | | |
| Winzer, Charles & Son | Heron Lake | 1 | 5 |
| Winzer, Charles & Son | Heron Lake | 2 | 15 |
| Kandiyohi County | | | |
| Behm, Elmer | Atwater | 1 | 8 |
| Lac Qui Parle County | | | |
| Buer, Eldred & Sons | Canby | 2 | 30 |
| LeSueur County | | | |
| Rosival, Richard | R. 2, Montgomery | 2 | 5 |
| Sunderman, Kenneth | LeSueur | 1 | 55 |
| Martin County | | | |
| Kietzer, R. E. | Truman | 2 | 34 |
| Linder, M. A. | Dunnell | 2 | 9 |
| Meeker County | | | |
| Wigen Bros. | R. 1, Litchfield | 2 | 37 |
| Mower County | | | |
| Zillgitt, J. A. | 1003 N. W. 2nd Ave., Austin | 1 | 53 |
| Murray County | | | |
| Richardson, H. C. & Sons | Tracy | 2 | 10 |

Certified Seed

S O Y B E A N S—Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---|-----------------|-----------------|--------------|
| CHIPPEWA—Continued | | | |
| Nicollet County | | | |
| Anderson, Hubert | R. 3, St. Peter | 2 | 25 |
| Langhorst, Lorenz | Courtland | 2 | 14 |
| Liebl, Louis | Gibbon | 2 | 8 |
| Samuelson, L. W. & Son | Lafayette | 2 | 15 |
| Thorson, Dennis | R. 3, St. Peter | 2 | 13 |
| Olmsted County | | | |
| Meyer's Seeds | Elgin | 1 | 70 |
| Redwood County | | | |
| Hook, Bert and Son | Tracy | 1 | 14 |
| Lau and Lau | R. 1, Tracy | 1 | 17 |
| Renville County | | | |
| Berg, Alfred & Milo Lindquist | Sacred Heart | 1 | 26 |
| Danlgren, Henry | Sacred Heart | 1 | 9 |
| Dahlgren, Henry | Sacred Heart | 2 | 40 |
| Enestvedt Bros. | Sacred Heart | 1 | 15 |
| Fredrickson, Lester | Hector | 1 | 25 |
| Fredrickson, Lloyd | Hector | 1 | 50 |
| Johnson, Ray S. | Sacred Heart | 1 | 90 |
| Roebke, Fred | Hector | 1 | 33 |
| Ziller, Anthony A. | Bird Island | 1 | 65 |
| Ziller, Anthony A. | Bird Island | 2 | 30 |
| Rice County | | | |
| Farmer Seed & Nursery Co. | Faribault | 1 | 30 |
| Sibley County | | | |
| Burgstahler, John | Stewart | 1 | 10 |
| Burgstahler, John | Stewart | 2 | 30 |
| Carlson, Russell A. | Winthrop | 1 | 12 |
| Traverse County | | | |
| Elfstrom, Richard | Wheaton | 1 | 18 |
| Waseca County | | | |
| Byron, Walter M. | Waseca | 1 | 10 |
| Eichhorst, Erwin J. | Waldorf | 2 | 16 |
| Washington County | | | |
| Welander, G. Arthur | Stillwater | 2 | 7 |
| Watsonwan County | | | |
| Kelsey, Dale | Lewisville | 2 | 10 |
| Lickfett Bros. | Madelia | 2 | 24 |
| Nelson, Leanus G. | R. 2, St. James | 1 | 9 |
| Wilkin County | | | |
| Friederichs, Wm. & Sons | Foxhome | 1 | 30 |
| COMET—A selection made at the Central Experiment Farm, Ottawa, Canada, from a cross of Pagoda x Mandarin. Has unusual combination of earliness, good height of plant and of lowest pods, and good resistance to lodging. Has yielded well as an early variety in the South Central and Southern Corn Maturity Zones where it is recommended. Is 2 to 3 days earlier than Ottawa Mandarin, is about 4 inches taller, and has similar standing ability. Good oil content. Is rather highly susceptible to chlorosis or "yellowing" observed frequently in western Minnesota. | | | |
| Blue Earth County | | | |
| Wigley, Richard | Lake Crystal | 2 | 35 |
| Clay County | | | |
| Schroeder, Henry E. | Sabin | 1 | 13 |
| Wiedemann Farms | Sabin | 1 | 75 |
| Dakota County | | | |
| Empey Farms | Farmington | 1 | 42 |
| Freeborn County | | | |
| Borge, Sig & Son | Hartland | 2 | 5 |
| Lac Qui Parle County | | | |
| Hofstad, Alvin O. | Madison | 2 | 11 |

Certified Seed

S O Y B E A N S—Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|-------------------------------|--------------|-----------------|--------------|
| COMET—Continued | | | |
| Nicollet County | | | |
| Samuelson, L. W. & Son..... | Lafayette | 2 | 10 |
| Renville County | | | |
| Dahlgren, Henry | Sacred Heart | 1 | 15 |
| Ziller, Anthony A..... | Bird Island | 1 | 12 |
| Rice County | | | |
| Farmer Seed & Nursery Co..... | Faribault | 2 | 20 |
| Watonwan County | | | |
| Lickfett Bros. | Madelia | 2 | 10 |

FORD—Ford is a recent soybean introduction developed in Iowa. It is high in yield, good in oil content, and has good standing ability. Ford is recommended for central and southern Iowa. It is not adapted to Minnesota because of late maturity.

| | | | |
|---------------------------|---------|---|---|
| Faribault County | | | |
| Willette Seed Farms | Delavan | 2 | 8 |

GRANT—Medium-early, medium in height, has given good yields. Good standing ability. Pubescence color is light brown; seeds yellow with black seed scars. Oil content relatively high. Selected at Spooner, Wisconsin, from a cross of Lincoln x Seneca. Recommended for Central, South Central, Southern, and North Central Corn Maturity Zones. Best adapted as a full-season variety to the Central Zone.

| | | | |
|----------------------------------|------------------|---|----|
| Blue Earth County | | | |
| Othoudt, Wayne | Lake Crystal | 2 | 15 |
| Clay County | | | |
| Petermann, Leonard & Merlyn..... | Hawley | 2 | 10 |
| Meeker County | | | |
| Wigen Bros. | R. 1, Litchfield | 2 | 15 |
| Wilkin County | | | |
| Friederichs, Wm. & Sons..... | Foxhome | 2 | 20 |

HAROSOY—Medium-late selection from a cross of Mandarin x (Mandarin x A.K.). Developed at the Dominion Experimental Farm, Harrow, Ontario. Good yields in southern Minnesota when compared to other varieties in 40- or 42-inch row spacings. Matures about 10 days later than Chippewa, so is recommended only in the Southern Corn Maturity Zone. Taller than Chippewa, and lodges more. Oil content medium. Pubescence is gray. Medium-size seed; seed scar of same yellow as the seed coat.

| | | | |
|--------------------------|------------|---|----|
| Blue Earth County | | | |
| Ireland, Lawrence | Mankato | 1 | 10 |
| Dakota County | | | |
| Empey Farms | Farmington | 2 | 57 |
| Faribault County | | | |
| Willette Seed Farms..... | Delavan | 2 | 30 |
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 2 | 51 |
| LeSueur County | | | |
| Sunderman, Kenneth | LeSueur | 1 | 7 |
| Waseca County | | | |
| Byron, Walter M..... | Waseca | 1 | 20 |
| Eichhorst, Erwin J..... | Waldorf | 1 | 4 |

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Certified Seed

S O Y B E A N S—Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|--|-------------|-----------------|--------------|
| HAWKEYE —Developed cooperatively by the Iowa Agricultural Experiment Station and the U. S. Department of Agriculture from a cross of Mukden x Richland. Matures a week to 10 days later than Blackhawk; has not outyielded it in Minnesota. | | | |
| Faribault County | | | |
| Meyer, Wm. | Blue Earth | 2 | 5 |
| Willette Seed Farms..... | Delavan | 2 | 25 |
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 1 | 20 |

LINDARIN—A selection from a cross of Ottawa Mandarin x Lincoln made at the Purdue Agricultural Experiment Station. Similar in maturity and oil content to Harosoy but has shorter plant height and better standing ability. Tested only two years at most locations.

| | | | |
|---|-----------------|---|-----|
| Blue Earth County | | | |
| Ireland, Lawrence | Mankato | 2 | 6 |
| Othoudt, Wayne | Lake Crystal | 2 | 63 |
| Brown County | | | |
| Krueger, Lester B. | Springfield | 2 | 120 |
| Faribault County | | | |
| Willette Seed Farms..... | Delavan | 2 | 50 |
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 2 | 45 |
| Lac qui Parle County | | | |
| Buer, Eldred & Sons..... | Canby | 2 | 20 |
| Hermanson, Arthur | Boyd | 2 | 10 |
| Hermanson, H. J. & Hawkinson, Edwin H..... | Boyd | 2 | 13 |
| Martin County | | | |
| Barke, Robert J..... | R. 1, Fairmont | 2 | 10 |
| Nicollet County | | | |
| Jaster, Henry | St. Peter | 2 | 8½ |
| Redwood County | | | |
| Landkammer, Robert | Springfield | 2 | 80 |
| Swoffer Elevator | Walnut Grove | 2 | 51 |
| Renville County | | | |
| Dahlgren, Henry | Sacred Heart | 2 | 25 |
| Enestvedt Bros. | Sacred Heart | 2 | 20 |
| Ziller, Anthony A..... | Bird Island | 2 | 12 |
| Waseca County | | | |
| Byron, Frank | Waseca | 2 | 10 |
| Watonwan County | | | |
| Nelson, Leanus G..... | R. 2, St. James | 2 | 11 |

MERIT—Similar in maturity to Norchief but taller. Good yielding and standing ability and high oil content. Selected at Central Experiment Farm, Ottawa, Canada. Recommended for Central and North Central Maturity Zones. Yellow seeds with light brown seed scars. Gray pubescence.

| | | | |
|--------------------------|----------------|---|----|
| Benton County | | | |
| Bergstrom, Norbert | R. 1, Oak Park | 1 | 7 |
| Big Stone County | | | |
| Danielson, Harold | Ortonville | 1 | 8 |
| Brown County | | | |
| Krueger, Lester B. | Springfield | 2 | 12 |
| Leitschuh, Henry | Sleepy Eye | 1 | 20 |
| Leitschuh, Henry | Sleepy Eye | 2 | 14 |

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Certified Seed

SOYBEANS — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---|-------------------------------------|-----------------|--------------|
| MERIT—Continued | | | |
| Carver County | | | |
| Schoenfelder, Gerald P. | Chaska | 2 | 12 |
| Chippewa County | | | |
| Evans, John W. | Montevideo | 2 | 40 |
| Tebben, Herman | Clara City | 1 | 8 |
| Chisago County | | | |
| Anderson, Dudley | Rush City | 1 | 20 |
| Clay County | | | |
| Babeck, Sam | Glyndon | 1 | 12 |
| Benedict, Ewald & Son | Moorhead | 1 | 10 |
| Dullea, E. J., Jr. | Georgetown | 1 | 80 |
| Goldberg, Max | Moorhead | 2 | 40 |
| Hastings, Robert C. | Felton | 2 | 100 |
| Kukowski, Francis | Georgetown | 1 | 7 |
| Larson, Fred L. | Glyndon | 1 | 14 |
| Lee, Herman H. | Borup | 2 | 980 |
| Murphy, Dan | Felton | 1 | 10 |
| Murphy, Dan | Felton | 2 | 185 |
| Otting, Richard | Felton | 1 | 12 |
| Toboit, Harold | Moorhead | 2 | 120 |
| Wiedemann Farms | Sabin | 2 | 200 |
| Cottonwood County | | | |
| Hanson, Ray L. | Bingham Lake | 1 | 8 |
| Dakota County | | | |
| Empey Farms | Farmington | 1 | 24 |
| Empey Farms | Farmington | 2 | 20 |
| Dodge County | | | |
| Matti, Richard | Kasson | 1 | 9 |
| Streiff, Leon B. | West Concord | 1 | 24 |
| Trapp, Myron | Dodge Center | 2 | 14 |
| Wright Seed Service | West Concord | 2 | 30 |
| Faribault County | | | |
| Willette Seed Farms | Delavan | 2 | 12 |
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 1 | 9 |
| Ehrhardt, George | Albert Lea | 2 | 12 |
| Goodhue County | | | |
| Swenson, Wendell | Goodhue | 1 | 7 |
| Trapp, Roy | Kenyon | 2 | 9 |
| Grant County | | | |
| Backman, LeRoy | Herman | 1 | 12 |
| Raths, Rudy | Norcross | 2 | 9 |
| Werk, Lester | Herman | 1 | 10 |
| Hennepin County | | | |
| Grill, M. F. | R. 1, Box 160, Hopkins | 1 | 40 |
| Northrup King & Co. | 1500 Jackson St. N. E., Minneapolis | 1 | 64 |
| Isanti County | | | |
| Bismark, Leonard & Wallace | Cambridge | 1 | 16 |
| Cambridge Feed & Mill Co. | Cambridge | 1 | 7 |
| Larson, Edward W. | R. 1, Box 73, Cambridge | 1 | 8 |
| Kandiyohi County | | | |
| Behm, Marvin | Atwater | 1 | 6 |
| Bredeson, J. M. | R. 1, Willmar | 1 | 5 |
| Lac qui Parle County | | | |
| Buer, Eldred & Sons | Canby | 2 | 25 |
| Buer, Todd | Canby | 1 | 10 |
| Call, William | Madison | 1 | 10 |
| Hermanson, Arthur | Boyd | 1 | 11 |
| Hermanson, H. J. & Hawkinson, Edwin H. | Boyd | 1 | 9 |
| Meeker County | | | |
| Ness, Oscar | Litchfield | 1 | 10 |

Certified Seed

SOYBEANS — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|-------------------------------|------------------------------|-----------------|--------------|
| MERIT—Continued | | | |
| Mille Lacs County | | | |
| Gens, Ernest | Princeton | 1 | 9 |
| Schmidt, Lloyd | R. 2, Princeton | 1 | 10 |
| Mower County | | | |
| Thorkelson, G. F. | 524-9th Ave. S.W., Rochester | 2 | 17 |
| Murray County | | | |
| Richardson, H. C. & Sons | Tracy | 1 | 10 |
| Norman County | | | |
| Hastad, C. J. | Halstad | 1 | 8.9 |
| Otter Tail County | | | |
| Evenson, Earl N. | Fergus Falls | 2 | 40 |
| Jennen, John E. | Fergus Falls | 1 | 17 |
| Pope County | | | |
| Brevig, Andrew | Starbuck | 1 | 12 |
| Kannegiesser, Lawrence | Hancock | 1 | 14 |
| Ramsey County | | | |
| Associated Producers Inc. | 29 E. Indiana Ave., St. Paul | 1 | 39 |
| Redwood County | | | |
| Goblirsch Elevator Co. | Wabasso | 2 | 25 |
| Schultz, Albert W. | Springfield | 1 | 10 |
| Renville County | | | |
| Berg, Alfred & Milo Lindquist | Sacred Heart | 1 | 7 |
| Buscho, Harold | Morton | 2 | 8 |
| Fredrickson, Lester | Hector | 1 | 9 1/2 |
| Johnson, Ray S. | Sacred Heart | 1 | 9 |
| Johnson, Ray S. | Sacred Heart | 2 | 25 |
| Ken-Vir Farms | Hutchinson | 1 | 5 |
| Roebke, Fred | Hector | 1 | 8 1/2 |
| Wolter, Wm. E. | Franklin | 1 | 5 |
| Ziller, Anthony A. | Bird Island | 1 | 22 |
| Ziller, Anthony A. | Bird Island | 2 | 90 |
| Rice County | | | |
| Farmer Seed & Nursery Co. | Faribault | 1 | 7 |
| Stearns County | | | |
| Miller, Floyd | South Haven | 1 | 10 |
| Steele County | | | |
| Schley, Herman E. | Blooming Prairie | 1 | 9 |
| Stevens County | | | |
| Domnick, Glen | Morris | 1 | 8 |
| Joos, Carl | Morris | 1 | 11 |
| Welfare, LeRoy | Morris | 1 | 9 |
| Swift County | | | |
| Busse, Walter | Appleton | 1 | 14 |
| Todd County | | | |
| Leave, Edgar | Verndale | 1 | 13 |
| Leave, Edgar | Verndale | 2 | 25 |
| Traverse County | | | |
| Bartsch, Willmar | Graceville | 1 | 9 |
| Berg, Carl | Chokio | 2 | 8 |
| Cole, Milton | Wheaton | 1 | 10 |
| Frisch, Felix | Dumont | 1 | 10 |
| Lichtsinn, Merton | Dumont | 1 | 13 |
| Rinke, Henry | Wheaton | 1 | 10 |
| Rudi, Charles | Wheaton | 1 | 10 |
| Wilkin County | | | |
| Paschke, Paul | Wolverton | 1 | 9 |
| Shelstad, Juel M. | Doran | 1 | 12 |
| Yaggie, Donald | Breckenridge | 1 | 10 |
| Wright County | | | |
| Samuelson, Ray F. | Cokato | 1 | 6 |
| Yellow Medicine County | | | |
| Velde, Therol | Granite Falls | 1 | 15 |

Certified Seed

SOYBEANS — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|----------------|-------------|-----------------|--------------|
|----------------|-------------|-----------------|--------------|

NORCHIEF—Good in yield and oil content. Fairly short in growth with good resistance to lodging. Medium-size yellow seeds with black seed scars. Pubescence is brown. Selected at the Wisconsin Agricultural Experiment Station from a cross of Hawkeye x Flambeau. Matures a few days later than Flambeau, but several days earlier than Ottawa Mandarin; hence recommended for Central and North Central Corn Maturity Zones, and about southern one-half of the Northern Zone.

Clay County

| | | | |
|----------------|----------|---|----|
| Tobolt, Harold | Moorhead | 1 | 35 |
|----------------|----------|---|----|

OTTAWA MANDARIN—Short and highly resistant to lodging. Fairly large yellow seeds with light-buff seed scars. Pubescence is gray. Oil content medium. Selected at the Central Experiment Farm, Ottawa, Canada, from the variety Mandarin. Recommended in areas of the state south of the Northern Corn Maturity Zone.

Blue Earth County

| | | | |
|---------------|--------------|---|----|
| Othout, Wayne | Lake Crystal | 1 | 20 |
|---------------|--------------|---|----|

Dakota County

| | | | |
|-------------|------------|---|----|
| Empey Farms | Farmington | 1 | 12 |
| Empey Farms | Farmington | 2 | 28 |

Fairbault County

| | | | |
|---------------------|---------|---|----|
| Willette Seed Farms | Delavan | 2 | 20 |
|---------------------|---------|---|----|

Freeborn County

| | | | |
|------------------|------------------|---|----|
| Ehrhardt, George | Albert Lea | 1 | 52 |
| Volum, Orville | R. 2, Albert Lea | 1 | 14 |

Renville County

| | | | |
|--------------------|--------------|---|----|
| Johnson, Ray S. | Sacred Heart | 1 | 10 |
| Ziller, Anthony A. | Bird Island | 1 | 12 |

TIMOTHY

CLIMAX—Selected by Experimental Farms Service, Ottawa, Canada, from a wide collection of seed lots by combining several progeny tested clones. Described as tall, fine stemmed and leafy. Seven to ten days later than common.

Clay County

| | | |
|---------------|----------------------------|----|
| Baker, Leo J. | 1110 So. 8th St., Moorhead | 13 |
|---------------|----------------------------|----|

Kittson County

| | | |
|------------------|---------|----|
| Peterson, Conroe | Hallock | 80 |
|------------------|---------|----|

Marshall County

| | | |
|---------------------------|--------------|-----|
| Backstrom, Robert | Warren | 250 |
| Edgar, James | Warren | 30 |
| Johnson, Harold A. | Middle River | 55 |
| Strong Bros. | Alvarado | 45 |
| Van Sickle, Andrew & Sons | Warren | 35 |
| Yutzenka, Leonard | Argyle | 20 |

Norman County

| | | |
|------------------------------|---------|----|
| Aarestad Farm Products, Inc. | Halstad | 60 |
|------------------------------|---------|----|

Roseau County

| | | |
|-------------------|--------|-----|
| Anderson, Gerhard | Roseau | 20 |
| Baumgartner, Ed | Roseau | 106 |
| Berger, Russell | Roseau | 20 |
| Bjorkman, Carl L. | Roseau | 55 |
| Dahl, Clinton | Roseau | 5 |
| Dahlquist, E. A. | Roseau | 14 |
| Evans, Clyde | Roseau | 10 |
| Grahn, Hilding | Roseau | 154 |

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Certified Seed

TIMOTHY — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|----------------|-------------|-----------------|--------------|
|----------------|-------------|-----------------|--------------|

CLIMAX—Continued

Roseau County—Continued

| | | |
|--------------------|----------|-----|
| Halvorson Bros. | Roseau | 35 |
| Halvorson, Helmer | Roseau | 10 |
| Hawley, Hoy | Warroad | 32 |
| Johnson, Martin L. | Roseau | 36 |
| Johnson, Vernon L. | Roseau | 58 |
| Linder Bros. | Warroad | 93 |
| Lofton, Raymond | Roseau | 33 |
| Luther, Harry L. | Roseau | 42 |
| Olson Bros. | Swift | 43 |
| Olson, Palmer | Roseau | 70 |
| Sjoberg Seed Co. | Roseau | 229 |
| Sorter, Lloyd | Wannaska | 60 |
| Woidtke, Arnold | Roseau | 32 |

DURUM WHEAT

LAKOTA—Early, bearded, short variety with medium straw strength. Resistant to stem rust, bunt and loose smut, and moderately resistant to leaf rust. High yielding with medium test weight; quality is satisfactory for semolina products. Selected from a cross of Sentry x (Ld. 379 x Ld. 357) at the North Dakota Experiment Station.

Clay County

| | | | |
|-------------|--------|---|----|
| Murphy, Dan | Felton | 2 | 45 |
|-------------|--------|---|----|

Marshall County

| | | | |
|----------------|----------|---|----|
| Aas, Curtis W. | Alvarado | 2 | 22 |
|----------------|----------|---|----|

Norman County

| | | | |
|---------------------|---------|---|----|
| Aronson, Maurice W. | Halstad | 2 | 30 |
|---------------------|---------|---|----|

LANGDON—Early, bearded variety of medium height and straw strength. Moderately resistant to leaf rust, moderately susceptible to stem rust, and resistant to bunt and loose smut. Has a good yield and test weight; is satisfactory for use in making semolina products. Selected from a cross of (Carleton x Ld. 194-Khapli x Ld. 308) x Stewart made at the North Dakota Agricultural Experiment Station.

Pennington County

| | | | |
|--------------------|-------------|---|----|
| Johnson, Curtis W. | St. Hilaire | 1 | 15 |
|--------------------|-------------|---|----|

WELLS—Early, bearded, short stiff-strawed variety. Resistant to stem and leaf rust, bunt and loose smut. High yielding with good test weight; quality is satisfactory for semolina products. Selected from a cross of Sentry x (Ld. 379 x Ld. 357) at the North Dakota Experiment Station.

Clay County

| | | | |
|----------------|-------|---|-----|
| Lee, Herman H. | Borup | 2 | 114 |
|----------------|-------|---|-----|

Kittson County

| | | | |
|-------------------|--------------------|---|----|
| Stromgren, Marvin | R. 2, Lake Bronson | 1 | 10 |
|-------------------|--------------------|---|----|

Norman County

| | | | |
|------------------------------|---------|---|----|
| Aarestad Farm Products, Inc. | Halstad | 2 | 80 |
|------------------------------|---------|---|----|

Pennington County

| | | | |
|------------------|----------|---|---|
| Hallstrom, W. A. | Red Lake | 1 | 8 |
|------------------|----------|---|---|

Renville County

| | | | |
|------------------------|---------|---|----|
| Nosbush, W. A. | Fairfax | 2 | 12 |
| Palmer, James | Fairfax | 2 | 14 |
| Ziegler, Frank J., Jr. | Fairfax | 2 | 13 |

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Certified Seed

SPRING WHEAT

| Name of Grower | Post Office | Genera- tion | Acre- age |
|---|----------------|-----------------|--------------|
| PEMBINA —Awnless variety of medium height and maturity with good straw strength. Moderately resistant to leaf rust and stem rust. High yielding with a good test weight; satisfactory milling and baking qualities. Selected from a cross of Thatcher x (McMurachy-Exchange x Redman ³) by the Canada Department of Agriculture, Research Station, Winnipeg, Manitoba. | | | |
| Becker County | | | |
| Anderson, Ray J. | Detroit Lakes | 1 | 12 |
| Londeen Bros. | Callaway | 1 | 10 |
| Big Stone County | | | |
| Gibson, Harold | Beardsley | 1 | 8 |
| Morrill, Cecil | Clinton | 1 | 8 |
| Blue Earth County | | | |
| Ireland, Lawrence | Mankato | 1 | 6 |
| Schwarz, E. Lester | Vernon Center | 1 | 10 |
| Brown County | | | |
| Krueger, Lester B. | Springfield | 2 | 9 |
| Clay County | | | |
| Anderson, Lynn | Comstock | 1 | 16 |
| Brantner, Joe | Felton | 1 | 12 |
| Helmeke, Harold & John Mandsayer | Felton | 1 | 9 |
| Krabbenhoft, Norman | R. 2, Moorhead | 1 | 10 |
| Kukowski, Thomas D. | Georgetown | 1 | 12 |
| Olson, Emil | R. 2, Moorhead | 1 | 10 |
| Schroeder, Henry E. | Sabin | 1 | 12 |
| Stangeland, Inghart | Moorhead | 2 | 5 |
| Douglas County | | | |
| Thompson, Francis | Kensington | 1 | 12 |
| Faribault County | | | |
| Meyer, Wm. | Blue Earth | 1 | 8 |
| Grant County | | | |
| Ogg, Paul E. | Norcross | 1 | 15 |
| Trollier, Don | Norcross | 1 | 10 |
| Kittson County | | | |
| Ash & Giffen | St. Vincent | 1 | 16 |
| Ash & Giffen | St. Vincent | 2 | 10 |
| Bernath, James | Hallock | 2 | 16 |
| Craigmile, Mark & Son | Hallock | 1 | 10 |
| Dagen, Leonard | Kennedy | 1 | 13 |
| Olsonowski, Anton | Hallock | 2 | 18 |
| Reese, W. Howard | Humboldt | 2 | 4 |
| Sorenson, Paul | Hallock | 1 | 15 |
| Sorenson, Paul | Hallock | 2 | 15 |
| Swanson, Lennart | Lake Bronson | 1 | 10 |
| Webster Bros. | St. Vincent | 1 | 10 |
| Wiese Bros. & Bahr Farms | Humboldt | 1 | 11 |
| Wiese Bros. & Bahr Farms | Humboldt | 2 | 11 |
| Younggren, Russell | Hallock | 2 | 85 |
| Lac Qui Parle County | | | |
| Buer, Eldred & Sons | Canby | 2 | 45 |
| Hermanson, Arthur | Boyd | 2 | 10 |
| Kleven, Orton | Madison | 2 | 15 |
| Lyon County | | | |
| Hennen, Leo | Minneota | 2 | 10 |
| Marshall County | | | |
| Andeen, Birger | Argyle | 1 | 15 |
| Borowicz, John | R. 1, Argyle | 2 | 3 |
| Jacobi, G. R. & Son | Warren | 2 | 45 |
| Knudsen Bros. | Warren | 1 | 10 |
| Lofthus, Gilbert | Oslo | 1 | 13 |
| Munger Bros. | Warren | 1 | 10 |
| Parr, Frank S. | Argyle | 1 | 22 |
| Pribula, Leon J. | Alvarado | 1 | 13 |
| Sinclair, Donald | Stephen | 1 | 10 |
| Swanson, David M. | Oslo | 2 | 20 |
| Yutzenka, M. R. | Argyle | 1 | 15 |
| McLeod County | | | |
| Graupman, Hillard | Biscay | 1 | 12 |

Certified Seed

SPRING WHEAT—Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|-------------------------------|------------------------|-----------------|--------------|
| PEMBINA —Continued | | | |
| Norman County | | | |
| Aronson, Maurice W. | Halstad | 1 | 10 |
| Boman, Roy | Twin Valley | 1 | 15 |
| Canning, R. G. | Hendrum | 2 | 30 |
| Germolus, Willie | Borup | 1 | 13 |
| Hubbell, John D. | Ada | 1 | 20 |
| Tarvestad, Joe | Ada | 1 | 14.5 |
| Otter Tail County | | | |
| Jennen, John E. | Fergus Falls | 1 | 16 |
| Rasmussen, Roald C. | New York Mills | 1 | 9 |
| Pennington County | | | |
| Brelland, Simon & Son | Thief River Falls | 1 | 9 |
| Hanson, Silas | Thief River Falls | 1 | 11 |
| Polk County | | | |
| Botko, Thomas | Warren | 1 | 12 |
| Bredlie, Elmer | Eldred | 2 | 24 |
| Christianson, Elmer | Fisher | 1 | 12 |
| Driscoll Bros. | East Grand Forks | 2 | 15 |
| Epema, Sam | McIntosh | 1 | 11 |
| Fanulik Bros. | Euclid | 1 | 10 |
| Johnson, Gorman | R. 2, East Grand Forks | 1 | 11 |
| Kluzak, Albert & Roger | R. 1, East Grand Forks | 1 | 12 |
| Kresl, William & Sons | Angus | 1 | 13 |
| Landsverk, Oliver | Fosston | 1 | 12 |
| McWalter, Robert V. | East Grand Forks | 1 | 11 |
| Miska, Raymond | Angus | 1 | 14 |
| Moen Brothers | Alvarado | 1 | 20 |
| Ovsak, Thomas E. | East Grand Forks | 1 | 10 |
| Peterson, Helmer | R. 3, Warren | 1 | 12 |
| Pulkrabek, Dale & Harvey | Angus | 1 | 12 |
| Pu'krabek, Eddie | Angus | 1 | 14 |
| Siverson, Carl E. | Fosston | 1 | 12½ |
| Vanyo, Anthony & Sons | Warren | 1 | 14 |
| Wurden, Anchor | Fisher | 1 | 12 |
| Red Lake County | | | |
| Hagl, Joseph | Red Lake Falls | 1 | 7 |
| Redwood County | | | |
| Goblirsch Elevator Co. | Wabasso | 2 | 4 |
| Renville County | | | |
| Buscho, Harold | Morton | 1 | 10 |
| Dahlgren, Henry | Sacred Heart | 1 | 11 |
| Johnson, Ray S. | Sacred Heart | 1 | 10 |
| Roebke, Fred | Hector | 1 | 11 |
| Roseau County | | | |
| Erickson, Vernon | Badger | 1 | 10 |
| Stevens County | | | |
| Holslin, Alfred & Son | Alberta | 1 | 9 |
| Morton, J. L. & Sons | Hancock | 1 | 4 |
| Schuster, Dean | Chokio | 1 | 8 |
| Swift County | | | |
| Schuerman, Ervin H. | Danvers | 1 | 13 |
| Traverse County | | | |
| Elfstrom, Richard | Wheaton | 1 | 14 |
| Holmgren, C. S. | Wheaton | 1 | 14 |
| Waseca County | | | |
| Trahms, Alfred | Janesville | 1 | 13 |
| Wilkin County | | | |
| Aiffield, Carl & Sons | Kent | 1 | 10 |
| Haugrud, Harlan | Rothsay | 1 | 11 |
| Nord, E. S. | Wolverton | 1 | 11 |
| Toelle, Louis | Nashua | 1 | 12 |
| Yellow Medicine County | | | |
| Anderson, A. W. | Clarkfield | 1 | 15 |
| Geistfeld, Walter | Wood Lake | 1 | 14 |

Certified Seed

SPRING WHEAT — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|--|-----------------------|-----------------|--------------|
| SELKIRK —Awnless variety of medium height, maturity, and good straw strength. Moderately resistant to leaf rust and stem rust. High-yielding, with a medium test weight; satisfactory milling and baking qualities. Selected from a cross of McMurachy-Exchange x Redman ³ made at the Dominion Laboratory of Cereal Breeding, Winnipeg. | | | |
| Brown County | | | |
| Brandt, Raymond G. | R. 2, Box 118, Hanska | 2 | 15 |
| Clay County | | | |
| Halverson, Henry E. | Borup | 2 | 38 |
| Freeborn County | | | |
| Ehrhardt, George | Albert Lea | 2 | 60 |
| Madson, John M. | Hartland | 2 | 15 |
| Lac Qui Parle County | | | |
| Windingstad, Randolph | Dawson | 2 | 13 |
| LeSueur County | | | |
| Moore, Merlin | New Prague | 2 | 10 |
| Lyon County | | | |
| Huso Bros. | Minneota | 2 | 25 |
| Renville County | | | |
| Dahlgren, Henry | Sacred Heart | 1 | 33 |
| Geier, Ray & Ralph | Rte. 2, Stewart | 2 | 15 |
| Rice County | | | |
| Wegner, Elmore A. | Rte. 3, Faribault | 2 | 15 |
| Waseca County | | | |
| Eichhorst, Erwin J. | Waldorf | 2 | 15 |
| Wilkin County | | | |
| Hansen, Carl | Wolverton | 2 | 130 |

WINTER WHEAT

MINTER—Bearded, white-chaffed, winter-hardy and a high yielding winter wheat. Susceptible to leaf and stem rust. Satisfactory in quality. A selection from a backcross of (Hope x Minturki) x Minturki, developed by the Minnesota Agricultural Experiment Station.

| | | | |
|-----------------------------|--------------|---|----|
| Dodge County | | | |
| Wright Seed Service | West Concord | 1 | 12 |
| Hennepin County | | | |
| Schlosser Bros. | Loretto | 2 | 11 |
| Isanti County | | | |
| Nelson, Glenn | Cambridge | 2 | 20 |
| Lac Qui Parle County | | | |
| Michels, Vincent | Madison | 2 | 10 |
| Le Sueur County | | | |
| Sunderman, Kenneth | LeSueur | 1 | 12 |
| Sunderman, Kenneth | LeSueur | 2 | 15 |
| Polk County | | | |
| Flaskerud, Henry | Fosston | 1 | 10 |
| Wabasha County | | | |
| Boatman, Howard | Lake City | 2 | 9 |

Additional Applications Received After August 1, 1961

Registered Seed

B A R L E Y

| Name of Grower | Post Office | Acreage |
|-----------------------|-------------|---------|
| TRAILL | | |
| Kittson County | | |
| Bengston, Earl | Hallock | 11 |

O A T S

| | | |
|---------------------|-----------------|-----|
| PORTAGE | | |
| Mower County | | |
| Austin Seed Co. | Box 474, Austin | 12½ |

F I E L D P E A S

| | | |
|--------------------|-----------|---|
| STRAL | | |
| Polk County | | |
| Gibbons, V. M. | Crookston | 5 |

S O Y B E A N S

| | | |
|-----------------------------|------------------------------|----|
| CHIPPEWA | | |
| Chippewa County | | |
| Fanberg Seed Co. | Kerkhoven | 19 |
| McLeod County | | |
| Dammann, Lester | Plato | 7½ |
| MERIT | | |
| Chippewa County | | |
| Fanberg Seed Co. | Kerkhoven | 9½ |
| Clay County | | |
| Anderson, Lynn | Comstock | 8 |
| Lac Qui Parle County | | |
| Knorr, Merlin L. | Madison | 11 |
| Ulrich, Fred W. | Big Stone City, South Dakota | 8 |
| McLeod County | | |
| Damman, Lester | Plato | 10 |
| Otter Tail County | | |
| Thompson, Theo. M. | Rte. 1, Fergus Falls | 14 |
| Swift County | | |
| Erickson, Harold C. | Appleton | 9 |

D U R U M W H E A T

| | | |
|-----------------------|---------|---|
| WELLS DURUM | | |
| Kittson County | | |
| Bengston, Earl | Hallock | 7 |

**Additional Applications Received
After August 1, 1961**

Certified Seed

B A R L E Y

| Name of Grower | Post Office | Genera- tion | Acre- age |
|--------------------------|----------------|-----------------|--------------|
| PARKLAND | | | |
| Marshall County | | | |
| Selnes, Lee | Alvarado | 2 | 431 |
| Polk County | | | |
| Braaten, Gunder | Climax | 2 | 16 |
| Johnson, Palmer | Neilsville | 2 | 47 |
| TRAILL | | | |
| Clearwater County | | | |
| Ekvall & Mueller | Bagley | 1 | 60 |
| Polk County | | | |
| Amurdson & Jevening | Climax | 1 | 135 |
| Anderson, Merle | Climax | 1 | 86 |
| Estenson, Ordean | Climax | 1 | 40 |
| Estenson, Wayne | Climax | 1 | 12 |
| Gramstad, Jason | Climax | 1 | 60 |
| Gronberg, Carl, Jr. | Climax | 1 | 53 |
| Grove, Lyle | Climax | 1 | 30 |
| Stromstad, Raymond | Beltrami | 1 | 80 |
| Vignes, Mabel | Neilsville | 1 | 155 |
| Red Lake County | | | |
| Vatthauer, Dean | Red Lake Falls | 1 | 160 |
| Waseca County | | | |
| Byron, Arthur T. | Waseca | 1 | 8 |

O A T S

| | | | |
|------------------------|-----------------|---|----|
| BURNETT | | | |
| Mower County | | | |
| Austin Seed Co. | Box 474, Austin | 2 | 18 |
| CLINTLAND 60 | | | |
| Waseca County | | | |
| Byron, Arthur T. | Waseca | 1 | 15 |
| GARRY | | | |
| Polk County | | | |
| Anderson, Merle | Climax | 1 | 34 |
| Evans, Leonard | Fosston | 1 | 18 |
| GOODFIELD | | | |
| Fillmore County | | | |
| Thompson, Cyrus | Canton | 2 | 11 |
| Mower County | | | |
| Austin Seed Co. | Box 474, Austin | 2 | 33 |
| Fossey, Harold | Lyle | 2 | 19 |
| Holst, Harvey J. | Brownsdale | 2 | 20 |
| Schrafel, Dr. C. E. | Austin | 2 | 30 |
| Redwood County | | | |
| Dahmes, LaVerne | Redwood Falls | 2 | 7 |
| Waseca County | | | |
| Byron, Arthur T. | Waseca | 2 | 18 |
| NEHAWKA | | | |
| Mower County | | | |
| Austin Seed Co. | Box 474, Austin | 2 | 52 |
| Fossey, Harold | Lyle | 2 | 17 |
| NEMAHA | | | |
| Mower County | | | |
| Austin Seed Co. | Box 474, Austin | 2 | 16 |

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Certified Seed

O A T S — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|------------------------|-----------------|-----------------|--------------|
| PORTAGE | | | |
| Mower County | | | |
| Jacobson, Hollis | Slayton | 1 | 12½ |
| Roseau County | | | |
| Kveen, Gustav | Roseau | 1 | 16 |
| Soltau, Stanley | Pinecreek | 1 | 12 |
| Waseca County | | | |
| Byron, Arthur T. | Waseca | 1 | 18 |
| RODNEY | | | |
| Mower County | | | |
| Austin Seed Co. | Box 474, Austin | 1 | 30 |
| Austin Seed Co. | Box 474, Austin | 2 | 20 |
| Norman County | | | |
| Malmé, Cecil | Shelly | 1 | 13 |
| Polk County | | | |
| Erdman, Harold | Crookston | 1 | 85 |
| Vignes, Mabel | Neilsville | 1 | 35 |
| Red Lake County | | | |
| Vatthauer, Dean | Red Lake Falls | 1 | 24 |

F I E L D P E A S

| | | | |
|--------------------|-------|---|---|
| STRAL | | | |
| Polk County | | | |
| Maruska, Lynn | Angus | 1 | 2 |

R E D C L O V E R

| | | | |
|----------------------|--------------|--|----|
| PENNSCOTT | | | |
| Wilkin County | | | |
| Radig, Victor H. | Breckenridge | | 17 |

R Y E

| | | | |
|----------------------|--------|--|---|
| ELK | | | |
| Waseca County | | | |
| Byron, Arthur T. | Waseca | | 8 |

S O Y B E A N S

| | | | |
|-----------------------------|---------------|---|----|
| CHIPPEWA | | | |
| Chippewa County | | | |
| Fanberg Seed Co. | Kerkoven | 2 | 54 |
| Olson, Harold S. | Rte. 1, Milan | 1 | 8 |
| Jackson County | | | |
| von Ohlen, Elmer | Alpha | 2 | 10 |
| Stevens County | | | |
| Morton, J. L. & Sons | Hancock | 1 | 15 |
| COMET | | | |
| Pine County | | | |
| Pangerl, Frank | Pine City | 2 | 6 |
| GRANT | | | |
| Hennepin County | | | |
| McKown, Ira | Maple Plain | 1 | 10 |
| LINDAREN | | | |
| Lac Qui Parle County | | | |
| Knorr, Merlin L. | Madison | 1 | 14 |

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Certified Seed

SOYBEANS — Continued

| Name of Grower | Post Office | Genera- tion | Acre- age |
|-----------------------------|-------------|-----------------|--------------|
| MERIT | | | |
| Big Stone County | | | |
| Moen, O. C. | Ortonville | 1 | 10 |
| Chippewa County | | | |
| Knott, Donald R. | Raymond | 1 | 10 |
| Clay County | | | |
| Anderson, Lynn | Comstock | 2 | 100 |
| Lac Qui Parle County | | | |
| Knorr, Merlin L. | Madison | 2 | 10 |
| LeSueur County | | | |
| Bohlen, Clarence | Waterville | 1 | 10 |
| McLeod County | | | |
| Donnay LeRoy | Glencoe | 2 | 10 |
| Ewald, Stanley | Brownston | 1 | 12 |
| Stevens County | | | |
| Morton, J. L. & Sons | Hancock | 2 | 15 |
| Wildn County | | | |
| Aldrich, Harlan W. | Nashua | 1 | 9 |
| OTTAWA MANDARIN | | | |
| Chippewa County | | | |
| Fanberg Seed Co. | Kerkhoven | 1 | 20 |

TIMOTHY

| | | | |
|--------------------------|-----------|--|-----|
| CLIMAX | | | |
| Clearwater County | | | |
| Darst, Delbert | Bagley | | 340 |
| Roseau County | | | |
| Elton, John T. | Pinecreek | | 24 |

DURUM WHEAT

| | | | |
|-------------------------------|------------|---|----|
| LAKOTA DURUM | | | |
| Marshall County | | | |
| Howard Brothers | Warren | 2 | 40 |
| WELLS DURUM | | | |
| Big Stone County | | | |
| Utley, Jack | Graceville | 2 | 15 |
| Yellow Medicine County | | | |
| Mitchell, Frank L. & Son | Canby | 2 | 30 |

SPRING WHEAT

| | | | |
|--------------------------|----------------------|---|----|
| PEMBINA | | | |
| Mahnomen County | | | |
| Blaeser, Ervin | Mahnomen | 1 | 10 |
| Marshall County | | | |
| Howard Brothers | Warren | 1 | 36 |
| Ranstrom, Theo. | R. 1, Box 58, Warren | 2 | 11 |
| Red Lake County | | | |
| Hagl, Joseph | Red Lake Falls | 1 | 7 |
| Roseau County | | | |
| Kveen, Gustav | Roseau | 1 | 12 |
| Olson, Palmer | Rte. B, Roseau | 1 | 14 |
| Waseca County | | | |
| Byron, Arthur T. | Waseca | 1 | 8 |
| SELKIRK | | | |
| Blue Earth County | | | |
| Hanson, Raymond | R. 1, Lake Crystal | 2 | 14 |

WINTER WHEAT

| | | | |
|-----------------------|---------|---|----|
| MINTER WINTER | | | |
| LeSueur County | | | |
| Sunderman, Kenneth | LeSueur | 2 | 13 |

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SEEDSTOCKS GROWN BY THE MINNESOTA AGRICULTURAL EXPERIMENT STATION

Corn Crossing Stocks

These seedstocks are grown on the basis of advance requests. If you are interested in seedstocks and have not made an advance request, write for a copy of the Crossing Stock Announcement which will be available after the first of the year.

This may be obtained by writing to Carl Borgeson, University of Minnesota, Institute of Agriculture, St. Paul 1, Minnesota.

Seed Other Than Corn

Seed of new varieties is increased as rapidly as possible and distributed to growers through County Seed Distribution Committees. Foundation seed of the older varieties is increased on the basis of advanced requests, made approximately fourteen months prior to planting. Late orders will be accepted if seed remains after the advanced orders are filled.

Some registered seed is produced at the Branch Stations. For this class of seed contact the Branch Stations direct. The stations that produced seed in 1961 are as follows:

West Central School and Station.....Morris
Southern School and Station.....Waseca
Agricultural Experiment Station.....Rosemount
Northwest School and Station.....Crookston
Agronomy Seedstocks, Institute of Agriculture....St. Paul

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**PLANTS APPROVED FOR CLEANING
CERTIFIED SEED**

Cleaning plants operated by the following concerns or individuals have been inspected and approved to process seed prior to certification by the Minnesota Crop Improvement Association. This list is published for the convenience of certified seed producers who may wish to take advantage of Approved Seed Cleaning facilities.

| Name of Firm | Location |
|--|---------------------------|
| Ada Feed & Seed Inc..... | Ada |
| Albert Lea Seed House..... | Albert Lea |
| Austin Seed Co..... | Austin |
| Badger Seed House..... | Badger |
| Munson Seed Co..... | Benson |
| Peterson, Algert L. & Son..... | Buffalo |
| Cambridge Feed & Mill Co..... | Cambridge |
| Buer, Eldred & Sons..... | Canby |
| Sawvell's Feed & Seed Co..... | Clements |
| Climax Grain Co-op. Assn..... | Climax |
| Kiel-Dahlgren Seeds, Inc..... | Crookston |
| Minnesota Bean & Pea Co..... | Crookston |
| Peterson-Biddick Co..... | Crookston |
| Cyrus Farmers Elev. Co..... | Cyrus |
| Willette Seed Farm..... | Delavan |
| Farmers Co-op. Marketing Assn..... | East Grand Forks |
| Farmers Co-op. Elev. Co..... | Fairfax |
| Duncan, Russell & Sons..... | Fargo, North Dakota |
| Farmer Seed & Nursery Co..... | Faribault |
| Grand Forks Seed Co..... | Grand Forks, North Dakota |
| Clearwater Valley Seeds, Inc..... | Gully |
| Valley Farmers Supply..... | Halstad |
| Ivanhoe Seed & Feed..... | Ivanhoe |
| Farmers Co-op. Assn..... | Jackson |
| Strohl, Joseph..... | Janesville |
| Kiene, Ell..... | Kennedy |
| Sunderman, Kenneth..... | Le Sueur |
| Lewiston Elev. Co..... | Lewiston |
| Lickfett Bros..... | Madelia |
| Madison Mill & Elev. Co..... | Madison |
| Ramy Seed Co..... | Mankato |
| Farmers' Union Grain Terminal Ass'n..... | Marshall |
| Crookston, Milling Co..... | McIntosh |
| Evans, John W..... | Montevideo |
| Moorhead Seed & Grain Co..... | Moorhead |
| New Ulm Feed Store..... | New Ulm |
| North Branch Mill..... | North Branch |
| Plainview Seed House..... | Plainview |
| Roddis Feed Co..... | Rochester |
| Farmers Co-op. Elev. Co..... | Roseau |
| Habstritt Seed House..... | Roseau |
| Sjoberg Seed Co..... | Roseau |
| Krueger Seed Plant..... | Rothsay |
| Krabbenhof, E. F., Jr..... | Sabin |
| Dahlgren, Henry..... | Sacred Heart |
| Farmers Co-op. Elevator..... | Sauk Centre |
| Leitschuh & Martinka..... | Sleepy Eye |
| Osborne-McMillan Elev. Co..... | Thief River Falls |
| Peterson-Biddick Co..... | Thief River Falls |
| Lau Seed Co..... | Tracy |
| Warren Grain & Seed Co..... | Warren |
| Marvin Lumber & Cedar Co..... | Warroad |
| Byron Farm Store..... | Waseca |
| Simpson, Charles V..... | Waterville |
| Wright Seed Service..... | West Concord |

For only \$1.00 a year, you can receive all publications, including this Seed Directory, prepared by the Minnesota Crop Improvement Association.

Join the Association now by sending this application form.

APPLICATION FOR MEMBERSHIP

I hereby enclose \$1.00 in payment of annual dues.

Name _____

Address _____

Occupation _____

Minnesota Crop Improvement Association
St. Paul Campus, University of Minnesota
St. Paul 1, Minnesota