

MP 2000  
EF - 22, rev. 1960  
c. 2

EXTENSION FOLDER 22  
Revised December 1960

# Recommended Varieties of Farm Crops 1961

**Crop Varieties**

**Tested by Minnesota**

**Agricultural Experiment Station**

UNIVERSITY OF MINNESOTA



3 1951 D04 088245 D

UNIVERSITY OF MINNESOTA  
*Agricultural Extension Service*  
U. S. DEPARTMENT OF AGRICULTURE

## How are Varieties Chosen for Recommendation?

Each year the Minnesota Agricultural Experiment Station compares recommended varieties, promising new varieties, and some of the older varieties in field tests. These tests are conducted at Experiment Stations at St. Paul, Rosemount, Waseca, Lamberton, Morris, Crookston, Grand Rapids, and Duluth and in individual farmer's fields. In addition, the varieties are tested for disease resistance and quality factors in the greenhouse and laboratory.

Usually, a variety must be tested under Minnesota conditions at least 3 years before it is considered for recommendations.

Performance data are reviewed each year by representatives of the Agricultural Experiment Station, Extension Service, and Minnesota Crop Improvement Association. The varieties which have given superior performance over a period of years are then chosen for recommendation.

## Recommended Crop Varieties for 1961

The following varieties are recommended for planting in Minnesota in 1961:

### Oats

Ajax  
Andrew  
Burnett  
Garry  
Minhafer  
Minton  
Rodney

### Barley

Kindred  
Parkland  
Traill

### Spring Wheat

Bread:  
Lee  
Selkirk  
Durum:  
Lakota  
Langdon  
Wells

### Winter Wheat

Minter

### Rye

Adams  
Caribou  
Elk

### Flax

Army  
B 5128  
Bolley  
Marine  
Redwood

### Soybeans

Acme  
Chippewa  
Comet  
Flambeau  
Grant  
Harosoy  
Merit  
Norchief  
Ottawa Mandarin

### Red Clover

Dollard  
Lakeland

**Birdsfoot Trefoil**

Empire

**Sweet Clover**

Evergreen

Madrid

**Bromegrass**

Achenbach

Fischer

Lincoln

**Alfalfa**

Ranger

Vernal

**Timothy**

Itasca

Lorain

**Kentucky Bluegrass**

Park

**Sudangrass**

Piper

**Field Peas**

Chancellor

Strål

**Navy Beans**

Michelite

Sanilac

**Sunflowers**

Arrowhead

## Field Corn

The Minnesota Agricultural Experiment Station does not recommend specific corn hybrids. Information on hybrid corn varieties can be found in the following publications:

1. Miscellaneous Report 20 *Maturity Ratings of Corn Hybrids in Minnesota.*
2. Miscellaneous Report 28 *Minnesota Hybrid Corn Performance Trials.*

Descriptions and data on maturity, yield, disease resistance, standing ability, plant height, bushel weight, and other agronomic factors will be found in the latest issue of University of Minnesota Miscellaneous Report 24, *Varietal Trials of Farm Crops*, printed in January 1961. It will be available from your county agricultural agent or from the Bulletin Room, University of Minnesota, St. Paul 1, Minnesota.

Newest varieties on the list of recommended varieties are described below.

## Wells and Lakota Durum Wheat

These durum varieties were released from the North Dakota Agricultural Experiment Station in 1959. The pedigrees of both varieties involve Sentry, Kahapli, Nugget, and unnamed selections from the North Dakota Station.

The two varieties are similar in most agronomic characteristics. Both are 2-4 days earlier in maturity than Langdon. They have shorter and stiffer straw than Langdon. Wells and Lakota have exhibited yielding ability comparable to other good varieties despite their earlier maturity. Wells is somewhat higher in test weight than Lakota and compares

favorably with other good durum varieties. Lakota averages 1½ to 2 pounds lighter than other durum varieties.

Both varieties are superior to Langdon and Ramsey in resistance to stem rust and their quality is acceptable to the milling industry.

Some certified seed of these varieties will be available for planting in 1961.

## **Merit Soybeans**

Merit is an early maturing, high-yielding variety developed in Canada. It was selected from the cross Blackhawk x Capital. In maturity, Merit is 1-2 days later than Norchief and 3-4 days earlier than Grant. It is recommended for the central and north central corn maturity zones of the state.

Merit is a tall-growing variety with very good lodging resistance. It produces seeds of medium size with high oil content.

## *Varieties Removed from Recommended List*

Two crop varieties, Capital soybeans and Ramsey durum wheat, are no longer recommended for planting in Minnesota.

Capital soybeans was removed from the recommended list because it has lower yield capacity, poorer standing ability, and lower oil content than other varieties of similar maturity.

Ramsey durum wheat is no longer recommended because it yields less and has poorer standing ability than recommended varieties.

## *Certified Seed Directory*

Registered and certified seed of most of the varieties described in this folder can be purchased from growers listed in the Minnesota Registered and Certified Seed Directory. This annual publication can be obtained without charge from the Minnesota Crop Improvement Association, St. Paul Campus, University of Minnesota, St. Paul 1, Minnesota. Further information can be obtained from your County Agent.

UNIVERSITY OF MINNESOTA, INSTITUTE OF AGRICULTURE,  
ST. PAUL 1, MINNESOTA

Cooperative Extension Work in Agriculture and Home Economics,  
University of Minnesota, Agricultural Extension Service and United  
States Department of Agriculture Cooperating, Skuli Rufford, Direc-  
tor. Published in furtherance of Agricultural Extension Acts of May 8  
and June 30, 1914. 25M—12-60