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Recommended Small Grain Varieties, Description, & Planting Dates

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Phillips, S. H., "Recommended Small Grain Varieties, Description, & Planting Dates" (1966). *Agronomy Notes*. 135.
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Prepared by Department of Agronomy, College of Agriculture and Home Economics, University of Kentucky

No. 43

August 1966

RECOMMENDED SMALL GRAIN VARIETIES, DESCRIPTION, & PLANTING DATES

OATS (Fall varieties)

Dubois - A winter oat variety developed and released by Indiana. Yields have been good, with excellent grain quality. Dubois is more winterhardy than Atlantic and has a stiffer straw. Dubois heads and matures about 3 days later than Atlantic and is about 4 inches shorter. Dubois is susceptible to crown rust but is resistant to oat smuts.

Norline - This is a winter oat developed and released by Purdue University. Its yield and quality have been equal to those of Dubois. Its winterhardiness and strength of straw have been equal to or superior to those of Dubois.

Planting Dates --- August 20 - October 1

Best Planting Date --- September 1 - 20

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BARLEY

Dayton - A winter barley variety developed and released in Ohio. Beards are semi-smooth. Head is not so compact as that of Kenbar, but Dayton usually has more kernels of grain per head. Equal or superior to Kenbar in yield and grain quality. Slightly less winterhardy than Kenbar. Dayton may head a day or two earlier than Kenbar but is usually a day or two later in maturing. Dayton has been 2 inches taller than Kenbar and equal or superior in straw strength. Dayton is less resistant than Kenbar to loose smut, leaf rust and mildew but more resistant to scald, net, and spot blotch.

Kenbar - A winter barley variety developed and released by the Kentucky station. Beards are semi-smooth, and heads are short and rather compact. Kenbar is a high-yielding variety with good winter hardiness under Kentucky conditions. Kenbar is early heading and early maturing. Kenbar is short strawed with good straw strength. Kenbar has good resistance to loose smut, leaf rust and mildew but is susceptible to scald, net blotch and spot blotch under Kentucky conditions.

Harrison - Harrison is a winter barley developed and released by Purdue University. It is outstanding in strength of straw and high in weight per bushel. Its yield has been similar to that of Kenbar and Dayton. It is a bearded variety that heads about one week later than Kenbar. Harrison has good disease resistance but is susceptible to loose smut and Septoria.

(To simplify information in this publication, trade names of some products are used. No endorsement is intended, nor is criticism implied of similar products not named.)

Will - Will is a winter barley developed and released by Oklahoma State University. It is outstanding for high yields. Heads about one week later than Kenbar. Similar to the variety Rogers but is more winterhardy. Has good disease resistance and is tolerant to greenbug. Strength of straw is similar to Kenbar and Dayton.

Planting Dates --- September 20 - October 5
Best Planting Date --- September 1 - 20

WHEAT

Monon - A beardless, white-chaffed variety about 2 days earlier in maturity, 2 or 3 inches shorter in height and is slightly higher in yield than Knox. The grain has good soft wheat milling qualities though the test weight is slightly less than Knox. Monon is resistant to Hessian fly and leaf rust but is susceptible to loose smut-races that attack Knox.

Knox 62 - This is a soft, red winter wheat that was developed by the backcross method of breeding as a Hessian fly resistant replacement for the Knox variety. Knox 62 like Knox is a winter-hardy, high-yielding, moderately stiff-strawed, medium-short, beardless, white-chaffed variety producing grain of excellent test weight and excellent soft wheat quality. It is highly resistant to leaf rust, powdery mildew and to the soil-borne mosaic disease. Like Knox it is susceptible to leaf and head Septoria diseases and to stem rust and some races of loose smut.

Redcoat - A soft red winter wheat developed at the Purdue Agriculture Experiment Station. Redcoat is a beardless, white-chaffed variety. It is 2 days earlier and has a shorter straw than Dual but its straw strength is superior to that of Dual. Redcoat is resistant to leaf and stem rusts, powdery mildew, mosaic and Hessian fly. It has shown a tendency to shatter during some dry harvest seasons. It does have better test weight than Dual.

Planting Dates --- September 1 - October 30
Best Planting Date --- October 1 - 15

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