

ELLAR HARD RED SPRING WHEAT

Botanical and objective description of Ellar: Ellar is a hard red spring wheat line Triticum aestivum L., with the following botanical description--

Growth habit: typical spring, daylength sensitive.

Stem: midtall, very strong, white to purple.

Spike: awnleted, fusiform, mid-lax, erect.

Glume: glabrous, white, midlong, midwide; shoulders wide and rounded to square; beaks acute.

Kernel: red, midlong, hard, ovate; germ mid-sized; crease midwide, middeep; cheeks angular; brush midlong.

The characteristics of Ellar are very similar to Waldron, except that Ellar has higher test weight and is less susceptible to ergot.

Area of adaptation and primary use: Area of adaptation is the spring wheat growing area of the Upper Midwest. Quality of Ellar is typical hard red spring wheat for production of bakery flour.

Information to assist field inspectors: Expected variability--slightly taller awned plants; frequency of less than 1/10,000 plants. Prominent identifying characteristics--awnleted conventional height, frequently stem coloration expressed (purple to violet).

Seed classes: The North Dakota Agricultural Experiment Station will maintain Breeder and Foundation seed of Ellar. Generations of Ellar permitted in North Dakota are Foundation, Registered, and Certified.

Availability of seed: Foundation seed of Ellar will be offered for sale early in 1974.