

(1000)
CROSBY DURUM WHEAT

Botanical and objective description: Crosby is an awned, spring durum wheat variety, Triticum turgidum L. var. durum, having the following botanical characters--

Stem: midtall, 0-1 inch shorter than Leeds, strong straw, usually white but may show purplish coloration under some conditions.

Spike: awned (dehisce at maturity), oblong, dense, erect.

Glumes: glabrous, tan, midlong to long, midwide; shoulders narrow, elevated; beaks wide, acuminate, 3-4 mm. long.

Awns: tan and 6-16 cm. long.

Kernels: amber, hard, midlong and elliptical; germ mid-sized; crease midwide, shallow; cheeks angular to rounded; brush very short (essentially none).

Crosby is similar in appearance in all respects to Leeds. However, it has out-yielded Leeds by about 17 percent over a three-year period. It had slightly higher kernel weight and slightly lower test weight. Disease reactions were similar.

Area of adaptation and primary use: Crosby appears adapted to the entire durum area of North Dakota, South Dakota, Minnesota, and Montana. Grain produced in these areas will be used to provide semolina which is the primary ingredient of alimentary pastes. Data on quality indicate similarity to Leeds.

Information to assist field inspectors: Crosby is similar to Leeds in appearance and has no expected variability or prominent identifying characteristics.

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