

D8006 Soft White Wheat

Genetic Information

MSU D 8006 is a new soft white winter wheat developed at Michigan State University. D 8006 is a fully awned white chaffed soft white winter wheat variety. The variety D 8006 has shown very good powdery mildew resistance, rust resistance, and winter hardiness. It is very resistant to wheat spindle streak mosaic virus. Sprout and scab resistance is typical of most soft white wheat varieties.

Agronomic Features

MSU D 8006 has shown excellent yield potential. MSU D8006 was the **highest yield of all white wheat varieties tested in 2007 MSU wheat trials and was the 5th highest yielding white wheat variety in the 2008 MSU wheat trials.** MSU D8006 also had the second highest two and three year yield averages of all white wheat varieties tested.

Its plant height of 33 inches is average for most commercial wheat varieties. Its lodging resistance is similar to most other commercial varieties. Flowering date is 152.2 days past January 1, similar to most other white wheat varieties. One distinguishing morphological characteristic of D 8006 is the purple/pink color of anthers at and following anthesis.

Marketing

MSU D 8006 exhibits superior milling and baking properties. It has high grain protein and its flour has strong gluten strength. Flour yield is consistently high with this line and it has a lactic acid retention score which may make it attractive to certain members of the baking industry.

MSU D 8006 will be sold by variety name as a class of Certified Seed. Authorized seed classes will be Breeder, Foundation, and Certified. MSU D 8006 has a royalty assessed on each unit of certified seed sold.

For more information or a list of producers, please contact your local seed dealer or the MCIA office at:

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