

Hopewell Soft Red Wheat

Genetic Information

Hopewell is a soft red winter wheat variety released developed by the Ohio Agricultural Research and Development Center. It was released in 1994 because of its high yields, diverse genetics, leaf rust resistance, stand ability, winter survival, and relatively early maturity.

Hopewell has exhibited excellent resistance to Wheat Spindle Streak Mosaic Virus (WSSM). It exhibits adult-plant resistance to powdery mildew, but not all prevalent races. Hopewell has exhibited resistance in the field to leaf rust, but does not carry any identified leaf rust resistance genes. Hopewell is moderately resistant to *Septoria nodorum* (glume blotch), but carries no resistance to Hessian fly.

Hopewell is red chaffed at maturity, but is described in having up to .6% other variants including tall plants, awned spikes, and white chaffed plants.

Agronomic Features

Hopewell is beardless and red chaffed at maturity. Plant color is dark green at the boot stage. Hopewell averages 36 inches in height and has shown excellent lodging resistance. Hopewell has shown excellent yield potential in Michigan. In 2008, Hopewell had the 4th highest 4 year yield average for red wheat varieties tested in the MSU yield trials at 90.7 bu. / acre. Along with its yielding ability, Hopewell has excellent lodging resistance and a very good disease package making it a popular choice for farmers throughout the mid-west.

Marketing

Hopewell was evaluated by the USDA Soft Wheat Quality Lab in Wooster. It is considered to have acceptable soft wheat quality characteristics. Straight grade flour yield is similar to Freedom. Break flour, alkaline water retention capacity, and cookie diameter exceeded Freedom in these tests.

Hopewell is protected under the **Plant Variety Protection Act - Title V**. Seed of this variety can only be sold by variety name as a class of certified seed. A royalty fee of \$.50 per bu. will be collected on the certified class of seed.

Summary

Hopewell has excellent lodging resistance and disease resistance to go along with its high yielding ability.

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

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