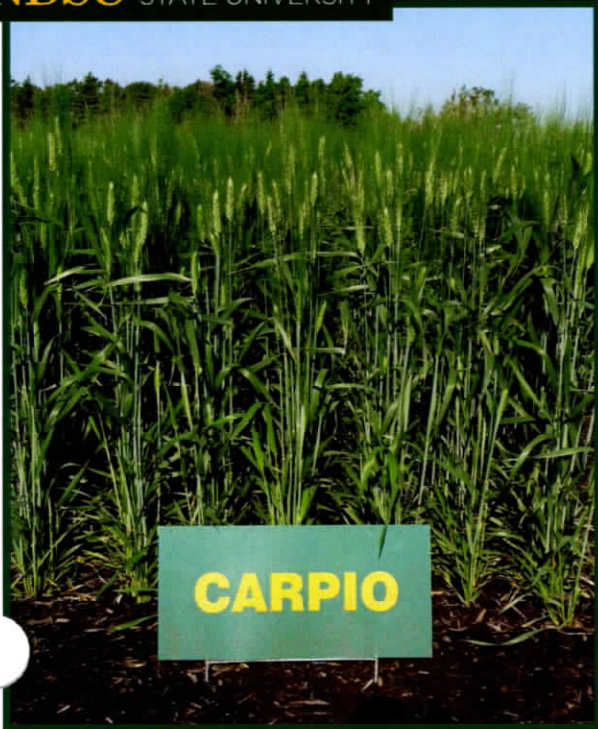




Carpio

Durum Wheat

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Yield	high
Stem Rust	resistant
Leaf Rust	resistant
Foliar Disease ¹	intermediate
Head Scab	intermediate
Test Weight	high
Overall Quality ²	excellent

¹ Foliar Disease = reaction to tan spot and septoria leaf spot complex.

² Overall Quality is determined based on agronomic, milling and spaghetti processing performance.

Comments

Carpio durum was released in 2012 and is named for the northwest ND town of Carpio in Ward County. It has high yield potential and excellent quality, including very good test weight and protein. Carpio has high mixograph, gluten index, and firmness scores among popular varieties in ND. This variety has larger kernels than Mountrail. Carpio has intermediate scab tolerance, which is better than Alkabo, Lebsock, and Mountrail.

Strengths

- High yield
- Excellent quality

Agronomic Performance of Carpio Across ND, SD, MT, MN and Canada, 2007-2009

	Carpio	Divide	Alkabo	Mountrail	Tioga	Lebsock
Yield (bu/acre)	61.3	60.9	61.0	63.1	61.9	61.4
Test Weight (lbs/bu)	59.3	59.2	59.5	58.8	59.1	60.0
Days to Heading	65.3	64.2	63.6	64.4	64.0	63.0
Height (inches)	34.1	34.5	33.1	34.1	36.1	32.9
Lodging ³	1.3	0.9	0.4	1.2	1.0	0.8

³ Lodging= 0-9 scale, 0 the best and 9 the worst.