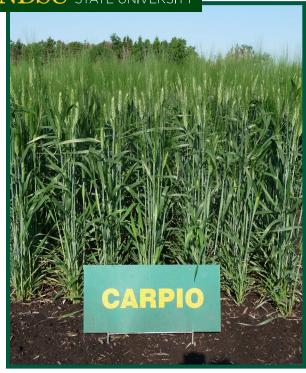


# Carpio



# **Characteristics**

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

<sup>&</sup>lt;sup>1</sup> Foliar Disease = reaction to tan spot and septoria leaf spot complex.

# **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 <sup>3</sup>	1.3	0.9	0.4	1.2	1.0	0.8

<sup>&</sup>lt;sup>3</sup> Lodging= 0-9 scale, 0 the best and 9 the worst.

Data and information extracted from variety release documents, unpublished experimental data, and NDSU Extension Publication A1067-13.

6/2014

<sup>&</sup>lt;sup>2</sup> Overall Quality is determined based on agronomic, milling and spaghetti processing performance.