



Tioga

Durum Wheat

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Yield	high
Stem Rust	resistant
Leaf Rust	resistant
Foliar Disease ¹	intermediate
Head Scab ²	MS
Test Weight	high
Overall Quality ³	good

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

² MS = moderately susceptible.

³ Overall Quality is determined based on agronomic, milling and spaghetti processing performance.

Strengths

- High yield
- Excellent quality

Comments

Tioga durum was released in 2010 and is named for the northwest ND town of Tioga in Williams County. This variety is well adapted to the entire durum producing region of North Dakota. Tioga has excellent yield potential and quality. The kernels of Tioga are large. It is resistant to stem and leaf rusts and moderately susceptible to scab. Tioga also has intermediate resistance to foliar diseases.

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

	Tioga	Carpio	Divide	Alkabo	Mountrail	Lebsock
Yield (bu/acre)	61.9	61.3	60.9	61.0	63.1	61.4
Test Weight (lbs/bu)	59.1	59.3	59.2	59.5	58.8	60.0
Days to Heading	64.0	65.3	64.2	63.6	64.4	63.0
Height (inches)	36.1	34.1	34.5	33.1	34.1	32.9
Lodging ⁴	1.0	1.3	0.9	0.4	1.2	0.8

⁴ Lodging= 0-9 scale, 0 the best and 9 the worst.