



# OTTO

## SOFT WHITE WINTER WHEAT

**Otto** is a soft white common wheat developed and released in 2011 by the Agricultural Research Center of Washington State University. Otto was named in honor of Otto Amen, a former state representative, WSU alumnus, and wheat producer who established an endowment to fund dryland wheat research in Washington.

Otto provides a combination of excellent yield potential and excellent disease resistance in dryland winter wheat production areas of the inland Pacific Northwest. Otto is best adapted to regions of Washington, Idaho, and Oregon where Eltan, Bruehl, and Xerpha are currently grown.

### AGRONOMICS

Yield Potential.....	Excellent
Protein .....	Good
Test Weight .....	Similar to Eltan
Maturity .....	Equal to Eltan
Height.....	Equal to Eltan
Quality .....	Desirable

### DISEASE RESISTANCE

Stripe Rust.....	Excellent
Strawbreaker Foot Rot .....	Similar to Madsen
Snow Mold .....	Equal to Eltan

# Bred to Dominate the Field<sup>SM</sup>

## Five-Year Variety Testing Data from 2013–2017

VARIETY *club	<12" YIELD (BU/A)	12"–16" YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)
Otto	51	88	59.6	11.4
Puma	48	95	60.0	11.3
Xerpha	53	99	59.7	10.8
Eltan	50	89	60.0	10.7
Masami	49	92	58.9	10.9
Mela CL+	52	86	60.3	10.9
Curiosity CL+	52	88	60.3	10.8
Bruehl*	49	92	58.5	11.2
AR-Crescent*	48	93	59.2	10.9
C.V. %	9	8	2	6
LSD (0.05)	1	2	0.2	0.1

<12" Precip (Connell, Harrington, Horse Heaven, Lind, Ritzville, St. Andrews) 2013–2017, 24 loc/years

12"–16" Precip (Almira, Anatone, Creston, Lamont) 2013–2017, (Reardan) 2015–2017, 25 loc/years

**AVAILABILITY:** Foundation seed of **Otto** is maintained by the Washington State Crop Improvement Association. For variety inquiries please contact Washington Genetics, <http://www.washgenetics.com>, or (509) 659-4020. U.S. Plant Variety Protection status for Otto was issued in 2014.

Support for the development of this variety was provided by Washington State University, the USDA, and the Washington Grain Commission. For more information please visit [smallgrains.wsu.edu](http://smallgrains.wsu.edu).

