



PUMA

SOFT WHITE WINTER WHEAT

Puma (WA8134) is a soft white winter wheat developed and released in 2013 by the Agricultural Research Center of Washington State University. Puma provides a combination of excellent yield potential, test weight, end-use quality, and disease resistance for intermediate to high rainfall dryland winter wheat production areas of the inland Pacific Northwest. Puma is best adapted to regions of Washington, Idaho, and Oregon where Madsen, WB-528, WB-1529, and SY Ovation are currently under production. Puma has a unique disease resistant package for areas where low pH, Cephalosporium stripe, strawbreaker foot rot, and stripe rust are of concern.

AGRONOMICS

Yield Potential.....	Excellent
Test Weight	High
Grain Protein	Good
Maturity	Average
Height.....	Medium
Quality	Desirable

DISEASE RESISTANCE

Stripe Rust.....	Excellent Adult Resistance
Strawbreaker Foot Rot	Excellent
Cephalosporium Stripe	Moderately Tolerant
Low pH Soils	Moderately Tolerant (Similar to Madsen)

Bred to Dominate the FieldSM

Five-Year Variety Testing Data from 2013–2017

VARIETY *club	16"–20" YIELD (BU/A)	>20" YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)
Puma	104	116	59.8	10.7
SY Ovation	105	109	60.1	10.7
Bobtail	107	115	57.5	10.5
Rosalyn	110	120	58.0	10.2
UI-WSU Huffman	100	113	59.6	10.7
WB 528	99	109	61.2	11.9
Legion	100	114	58.7	10.7
Cara*	102	109	58.4	11.0
ARS-Crescent*	103	119	59.2	10.5
C.V. %	7	7	1	6
LSD (0.05)	1.7	1.9	0.1	0.1

16"–20" Precip (Dayton, Mayview, St. John, Walla Walla) 2013–2017, (Reardan) 2013–2015, 23 loc/years

>20" Precip (Colton, Pullman) 2013–2017, (Farmington) 2013–2016, (Fairfield) 2013, 2014, 2016, 2017, 18 loc/years

AVAILABILITY: Foundation seed of **Puma** 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 Puma was issued in 2015.

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.

