



# CURIOSITY CL+

## SOFT WHITE WINTER TWO-GENE IMI WHEAT

**Curiosity CL+** is a soft white common winter two-gene Imidazolinone tolerant (Clearfield) wheat variety developed and released in 2013 by the Agricultural Research Center of Washington State University. It's the first two-gene Clearfield (CL+) wheat variety released by WSU. Compared to the single-gene, the two-gene technology provides significantly better tolerance to Imidazolinone group of herbicide imazamox. Curiosity CL+ was developed using marker-assisted background selection approach. Compared to popular wheat varieties including those with Clearfield technology, Curiosity CL+ has higher yield potential, excellent snow mold resistance, and better stripe rust resistance. Curiosity CL+ is ideal for Pacific Northwest areas where ORCF102, ORCF103, Eltan and Xerpha are currently grown.

### AGRONOMICS

Imidazolinone Tolerance .....	Two-gene
Yield Potential.....	Excellent
Test Weight .....	High
Grain Protein .....	Good
Cookie Diameter.....	Very Good
Sponge Cake Performance.....	Superior
Quality .....	Acceptable

### DISEASE RESISTANCE

Stripe Rust.....	Moderately Resistant
Snow Mold .....	Better than Eltan
Winter Hardiness.....	Similar to Eltan
Cephalosporium Stripe .....	Equal to Eltan
Strawbreaker Foot Rot .....	Similar to Eltan

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## Five-Year Variety Testing Data from 2014–2018

VARIETY	<12" YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	FALLING NUMBERS (SEC)
<b>Curiosity CL+</b>	<b>55</b>	<b>60.3</b>	<b>10.7</b>	<b>312</b>
ORCF102	52	60.1	11.5	338
ORCF103	47	59.7	11.2	337
Otto	54	59.8	11.5	354
Eltan	52	60.0	11.8	346
C.V. %	8	1.8	5.8	—
LSD (0.05)	1.0	0.3	0.2	—

<12" Precip (Connell, Harrington, Horse Heaven, Lind, Ritzville, St. Andrews) 2014–2018, 24 loc/years  
Falling number based on 9 location average in 2013 (3), 2016 (3), 2017 (2), and 2018 (1)

### AVAILABILITY

For seed inquiries  
please call:

Washington Genetics  
509-659-4020, or  
contact your local  
seed dealer.

**Curiosity CL+** is  
protected under U.S.  
Plant Variety Protection  
with Title 5 option.  
Signed grower agree-  
ments are required.



Intended Production Area <12" Annual Precipitation