CURIOSITY CL+

SOFT WHITE WINTER TWO-GENE IMI WHEAT

Curiosity CL+ is a soft white 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/Susceptible
Snow Mold	Better than Eltan
Winter Hardiness	Similar to Eltan
Cephalosporium Stripe	Similar to Eltan
Strawbreaker Foot Rot	Similar to Eltan

CURIOSITY CL+ SOFT WHITE WINTER WHEAT

Three-Year Variety Testing Data from 2017–2019

VARIETY	<12" YIELD (BU/A)	TEST WT (LB/BU)	PROTEIN (%)
Curiosity CL+	**64**	**60.5**	**9.7**
Mela CL+	64	60.3	10.0
Otto	62	60.1	10.7
ORCF102	61	60.6	10.6
Eltan	60	60.3	9.9
UI Magic CL+	58	60.7	10.7
WB1376CLP	55	61.8	11.8
C.V. %	9	1.9	6.0
LSD (0.05)	2	0.4	0.2

<12" Precip Zone (Bickleton, Connell, Harrington, Horse Heaven, Lind, Ritzville and St. Andrews), 2017–2019, 17 loc/years. Data was not available for (Bickleton), 2017 and 2019, (Harrington and Horse Heaven), 2019 for the analysis.

AVAILABILITY

For seed inquiries please call:

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

U.S. Plant Variety Protection status for this cultivar is approved. Signed grower agreements are required.

MONTANA

WASHINGTON

OREGON

IDAHO

Intended Production Area <12" Annual Precipitation