



RESILIENCE CL+

SOFT WHITE WINTER TWO-GENE IMI WHEAT

Resilience CL+ is a soft white winter two-gene Imidazolinone tolerant (Clearfield) wheat variety developed and released in 2016 by the Agricultural Research Center of Washington State University. Compared to the single-gene, the two-gene technology provides significantly better tolerance to Imidazolinone group of herbicide imazamox. Resilience CL+ was developed using marker-assisted background selection approach. Compared to popular wheat varieties including that with Clearfield technology, Resilience CL+ has high yield potential, excellent stripe rust resistance, and strawbreaker foot rot resistance. Resilience CL+ is an ideal variety for high rain fall region of Pacific Northwest areas where ORCF102 and SY Ovation are currently grown.

AGRONOMICS

Imidazolinone Tolerance	Two-gene
Yield Potential.....	Very Good-Excellent
Test Weight	High
Maturity	Medium
Height.....	Medium
Quality	Desirable

DISEASE RESISTANCE

Stripe Rust	Highly Resistant
Winter Hardiness.....	Similar to Madsen
Cephalosporium Stripe	Equal to Madsen
Strawbreaker Foot Rot	Similar to Madsen

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Three Year Variety Testing Data from 2017–2019*

VARIETY	>20" YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)
Resilience CL+	110	60.7	10.2
ORCF102	110	60.9	10.2
SY Ovation	112	60.0	9.8
Puma	112	60.3	9.8
UI Magic CL+	113	61.3	10.2
Madsen	107	60.4	10.3
OR2X2 CL+	101	60.4	10.8
WB1376CLP	100	62.6	11.2
C.V. %	7	1.1	4.3
LSD (0.05)	3	0.3	0.2

>20" Precip Zone (Colton, Fairfield, Farmington and Pullman), 2017–2019, 11 loc/years

*Data was not available for Farmington, 2017 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.

