

Technical Bulletin

Genes that fit *your* farm.



CDC Jimini CL[®] Small Green Lentil



Description:

CDC Jimini CL[®] is a high yielding, small green lentil with tolerance to Clearfield[®] herbicides. CDC Jimini CL[®] should be a good fit in all lentil growing regions of western Canada especially the Brown soil zones.

Strengths:

- High yield potential compared to CDC Invincible and CDC Kermit
- Clearfield[®] tolerance
- Larger seed compared to CDC Invincible and CDC Kermit
- Taller than CDC Invincible

Neutral Traits:

- Similar disease resistance characteristics compared to CDC Invincible and CDC Kermit

Breeder:



UNIVERSITY OF SASKATCHEWAN
Crop Development Centre
COLLEGE OF AGRICULTURE AND BIORESOURCES
AGBIO.USASK.CA

Funded by:



CL (Clearfield[®]) is a Trademark of BASF Inc.

Table 1: Agronomic performance data for small green lentil varieties from Co-op and Regional trials in Saskatchewan

Market class	Variety	Years Tested	Yield % CDC Maxim CL [®]		Maturity	Height (cm)	Resistance** to:		Seed Weight (g/1000)
			Area 1 & 2*	Area 3 & 4*			Ascochyta Blight	Anthracnose (Race 1)	
SG	CDC Invincible CL [®]	14	94	81	Early	33	MR	MR	34
SG	CDC Kermit	14	106	97	Early mid	36	MR	MR	34
SG	CDC Jimini CL[®]	8	108	99	Early mid	36	MR	MR	38

Source: Varieties of Grain Crops 2024 (SaskSeed Guide)

*Area 1: Brown soil zone; Area 2: Dark brown; Area 3: Black; Area 4: Dark gray

**Resistance ratings: R=Resistant, MR=Moderately resistant, I=Intermediate, S=Susceptible



For more information, call 1-800-665-7333 or visit www.secan.com

2025 SaskSeed Guide

Variety	Class	Herbicide Tolerance ¹	Years Tested ²	Yield %	Yield %	Height (cm)	Days to Flower	Maturity Rating ³	Resistance to:		Seed Coat colour	Cotyledon colour	Seed Weight (g/1000)	
				Area 1 & 2	Area 3 & 4				Ascochyta Blight	Anthrachnose Race 1				
				Relative to CDC Nimble CL [®]										
CDC Nimble	Small Red	CL	15	100	100	35	52	E/M	MR	MR	Gray	Red	38	
CDC Impulse	Small Red	CL	15	100	95	37	52	E/M	MR	MR	Gray	Red	44	
CDC Lima	Large Green	CL	12	87	84	35	51	M/L	MR	S	Green	Yellow	74	
CDC Maxim	Small Red	CL	19	92	90	34	51	E/M	MR	MR	Gray	Red	40	
CDC Jimini	Small Green	CL	9	99	94	36	50	E/M	---	---	Green	Yellow	38	

1. CL indicates Clearfield tolerant variety
2. Co-op and Regional Trials in SK since 2006. Comparisons to the check variety, small red lentil CDC Maxim.
3. Maturity ratings: normal maturity range in days based on May 1 seeding E=100, VL=110 but maturity can be much earlier in dry years, much later in cool wet years.

2025 Alberta Seed Guide

Market Class	Variety	Most Recent Year of RVT Testing	Overall Yield	Overall Station Years of Testing	Brown Soil Zone		Black Soil Zone		Agronomic Characteristics					Disease Tolerance	
					Yield (%)	Site Years	Yield (%)	Site Years	TSW ² (g)	Plant Height	Maturity Rating ³	Cotyledon Colour ⁴	Seed Coat Colour ⁵	Ascochyta	Anthrachnose Race 1
	CDC Maxim CL ^{®1} (bu/ac)		36		34		43								
Small Red	CDC Maxim CL [®]	2024	100	55	100	10	100	8	40	34	E/M	R	GR	MR	MR
Small Red	CDC Impulse CL [®]	2022	113	16	118	8	108	8	44	37	M/L	R	GR	MR	MR
Large Green	CDC Lima CL [®]	2022	94	34	98	26	82	8	74	35	M/L	Y	G	MR	S
Small Green	CDC Jimini CL[®]	2022	106	17	107	15	XX	2	38	36	E/M	Y	G	NA	NA

1. CL[®] = Clearfield[®] variety
2. TKW = Thousand Seed Weight
3. Maturity: E = Early, M = Medium, L = Late.
4. Cotyledon Color: R = Red, Y = Yellow;
5. Seed Coat Color/Patterns: G=Green, GR=Grey
6. Disease tolerance to Ascochyta and Anthracnose - Race 1 (note: there is no genetic resistance to Race 0): S = Susceptible, MR = Moderately Resistant

Stewardship Guidelines for Clearfield Lentils. BASF is committed to the long-term sustainability of the Clearfield[®] Production System for lentils. The stewardship initiatives co-developed by BASF and university researchers are designed as guidelines for Clearfield lentil producers in an effort to maximize the value realized by producers as well as preserve this herbicide-tolerance technology for years to come. These management practices were designed to prevent and/or delay herbicide resistance development in weed populations in Canada.

Full details of the guidelines can be found at: https://agriculture.basf.ca/content/dam/cxm/agriculture/canada/english/agriculture/west/seeds-and-systems/documents/Clearfield_Lentil_Stewardship_Guidelines.pdf

For more information, call 1-800-665-7333 or visit www.secan.com