

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 Imvincible

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 Agrio.USASK.CA

Funded by:



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

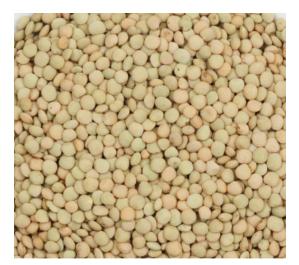
Table 1: Agronomic performance data for small green lentil varieties from Co-op and Regional trials in Saskatchewan

	Yield % CDC Maxim CL®						Resista		
Market class	Variety	Years Tested	Area 1 & 2*	Area 3 & 4*	Maturity	Height (cm)	Ascochyta Blight	Anthracnose (Race 1)	Seed Weight (g/1000)
SG	CDC Imvincible 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

				Yield % Area 1 & 2	Yield % Area 3 & 4				Resistance to:				
Variety	Class	Herbicide Tolerance ¹	Years Tested ²		ive to nble CL®	Height (cm)	Days to Flower	Maturity Rating ³	Ascochyta Blight	Anthracnose Race 1	Seed Coat colour	Cotyledon colour	Seed Weight (g/1000)
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.

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		Most				Brown Soil Zone		Black Soil Zone		Agronomic Characteristics					Disease Tolerance	
Market Class	Variety	Recent Year of RVT Testing	Overall Yield	Overall Station Years of Testing		Site Years	Yield (%)	Site Years	TSW ² (g)		Maturity Rating ³	Cotyledon Colour⁴	Seed Coat Colour⁵	Ascochyta	Anthracnose 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	ХХ	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 codeveloped 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: <u>https://agriculture.basf.ca/content/dam/cxm/agriculture/canada/english/agriculture/west/seeds-and-systems/documents/Clearfield_Lentil_Stewardship_Guidelines.pdf</u>