

CDC PROCLAIM

Small Red Lentil



YEAR RELEASE TO SEED GROWERS

2014

SEED SIZE

40 g/1,000 seeds

MATURITY

Early/Medium

BREEDER

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PLANT BREEDERS RIGHTS



Description

CDC Proclaim is a high-yielding small red lentil that is a Clearfield® tolerant variety. It has very similar plant characteristics to CDC Maxim, but is higher yielding and has a plumper seed. CDC Proclaim is well-suited to the Dark Brown and Brown soil zone regions that produce red lentils.

Strengths

- Improved yield:
 - 105% of CDC Maxim in South, 101% in the North over five years in Saskatchewan
- Clearfield® tolerant
- Moderate resistance to ascochyta and anthracnose
- Similar in days to flower, height and size to CDC Maxim

Other Traits

- Much greater seed thickness compared to CDC Maxim; more suitable for dehulling

Characteristics of Varieties

Adapted from Saskatchewan Seed Guide (2016)

VARIETY	PERFORMANCE				RESISTANCE		SEED WEIGHT (G/1000)
	HERBICIDE TOLERANCE	DAYS TO FLOWER	MATURITY RATING	HEIGHT (CM)	ASCOCHYTA BLIGHT	ANTHRACNOSE (RACE1)	
CDC MAXIM	CL	51	E/M	34	MR	MR	40
CDC DAZIL	CL	53	E/M	33	MR	I	35
CDC IMPACT	CL	47	E	30	MR	MS	34
CDC IMPULSE	CL	52	E/M	37	MR	MR	44
CDC REDBERRY	-	50	E/M	34	MR	MR	42
CDC REDCLIFF	-	51	E/M	35	MR	I	38
CDC REDMOON	-	52	E/M	33	MR	MR	41
CDC ROULEAU	-	52	M	33	MR	MR	37
CDC PROCLAIM	CL	51	E/M	34	MR	MR	40

Herbicide Tolerance: CL = Clearfield®

Maturity: E = Early, M = Medium, L = Late

Resistance Ratings: R = Resistant, MR = Moderately Resistant, I = Intermediate Resistance, MS = Moderately Susceptible, S = Susceptible

Average Yields by Province and Area

As % of CDC Maxim

VARIETY	MANITOBA		SASKATCHEWAN			ALBERTA	
	SITE YEARS TESTED*	MANITOBA	YEARS TESTED**	1, 2 & SOUTH	NORTH 3 & 4	SITE YEARS TESTED*	ALBERTA
CDC MAXIM	16	100	9	100	100	NA	100
CDC DAZIL	6	99	8	104	98	17	98
CDC IMPACT	10	78	7	80	76	NA	NA
CDC IMPULSE	NA	NA	11	108	95	NA	NA
CDC REDBERRY	11	97	5	97	99	NA	NA
CDC REDCLIFF	NA	NA	8	107	103	15	108
CDC REDMOON	NA	NA	3	115	102	NA	NA
CDC ROULEAU	NA	NA	13	96	93	NA	NA
CDC PROCLAIM	NA	NA	6	105	101	NA	NA

*Number of sites and years tested for each variety.

**Number of years tested.

NA = Not Available

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