

CDC SNOWDROP

Faba Bean



**YEAR RELEASE TO
SEED GROWERS**
2012

SEED SIZE
335 g/1,000 seeds

MATURITY
104 days

BREEDER
Dr. Bert Vandenberg
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University of Saskatchewan
Saskatoon, SK

PLANT BREEDERS RIGHTS
None

Description

CDC Snowdrop is a small seeded low tannin type faba bean and has the smallest seed size of the current cultivars. It has great tolerance to lodging and is easier to seed due to its seed size. It is suitable for livestock and feed markets because of its low tannin characteristics. CDC Snowdrop is adapted for all faba bean production areas.

Strengths

- Smaller seed size for lower seeding rates and reduced plugging issues (100 g less in 1,000 kernel weight than Snowbird)
- Equal to Snowbird in days to maturity
- Great tolerance to lodging

Weaknesses

- Yield 91% of check CDC Fatima and 13% less than Snowbird in seven years of testing in Saskatchewan
- Susceptible to chocolate spot

Other Traits

- Smallest of the zero tannin market class at 335 g per 1,000 seeds
- White flowered zero tannin suitable for feed markets

Characteristics of Varieties

Adapted from Saskatchewan Seed Guide (2016)

PERFORMANCE

VARIETY	HEIGHT (CM)	LODGING	MATURITY (DAYS)	SEED WEIGHT (G/1,000)
CDC FATIMA	106	3.8	105	520
IMPOSA	99	2.4	107	695
SNOWBIRD	96	2.6	104	495
TABASCO	96	2.3	106	530
CDC SNOWDROP	98	2.6	104	335

Lodging Score: (1-9) where 1 = completely upright, 9 = completely lodged

Average Yields by Province and Area

As per cent of CDC Fatima (SK) and Snowbird (AB, MB)

VARIETY	MANITOBA		SASKATCHEWAN		ALBERTA	
	SITE YEARS TESTED*	MANITOBA	YEARS TESTED**	SASKATCHEWAN	SITE YEARS TESTED*	ALBERTA
CDC FATIMA	NA	NA	10	100	NA	NA
IMPOSA	NA	NA	4	110	NA	NA
SNOWBIRD	12	100	10	104	NA	100
TABASCO	8	97	5	101	15	85
CDC SNOWDROP	3	100	7	91	15	88

*Number of sites and years tested for each variety. **Number of years tested.

NA = Not available