

FABA BEAN: CDC 219-16 (SMALL SEEDED, WHITE FLOWERED)

CDC 219-16 is a small seeded, white flowered fababean with improved yield vs. CDC Snowdrop. This line yielded 97% of Snowbird and 110% of CDC Snowdrop in 7 years of testing in the Fababean Co-operative Trials in western Canada (Table 1). CDC 219-16 has similar maturity and standability as both Snowbird and CDC Snowdrop and is shorter in height. The seeds are slighter larger than CDC Snowdrop but are 20% smaller than Snowbird. CDC 219-16 is shorter than Snowbird and CDC Snowdrop.

Strengths:

- Small seed size compared to Snowbird
- Improved yield compared to CDC Snowdrop

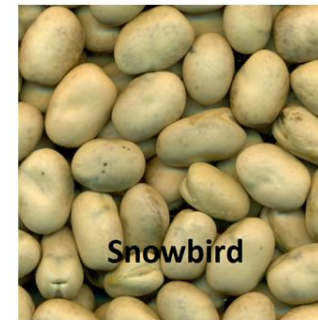
Neutral:

- Similar agronomic and maturity characteristics compared to CDC Snowdrop



219-16

360 g/1000 seeds



Snowbird

436 g/1000 seeds

Table 1: Agronomic performance summary of CDC 219-16 in the 2011-2017 Fababean Co-operative Trial (RRT) in western Canada

Line	[56] Yield			Flower color	[39] Days to flower	[27] Days to mature	[9] Lodging (1-9)	[35] Plant height (cm)	[24] Seed weight	
	kg/ha	% Snowbird	% CDC Snowdrop						g/1000	% Snowbird
Snowbird	4630	100	114	W	54	116	3.0	95	445	100
CDC Snowdrop	4059	88	100	W	56	118	2.8	97	327	73
CDC 219-16	4475	97	110	W	55	117	3.2	92	356	80

[] = number of sites

W = white

Lodging (1-9) where 1 = no lodging and 9 = completely lodged