

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

CDC Blazer Maple Pea



Progress Through Research
Le progrès grâce à la recherche

Description:

CDC Blazer is a maple field pea with improved yield compared to other maple peas and yielded 99% of the yellow pea check CDC Amarillo in southern Saskatchewan and 92% of CDC Amarillo in northern Saskatchewan

Parentage:

Strengths:

- Improved yield potential
- Powdery mildew resistant
- Very good seed coat dimpling
- 190g TKW

Breeder:

Funded by:



UNIVERSITY OF SASKATCHEWAN

Crop Development Centre

COLLEGE OF AGRICULTURE AND BIORESOURCES
AGBIO.USASK.CA



Table 3: Agronomic performance for CDC Blazer from Co-op and Regional trials in Saskatchewan – adapted from Varieties of Grain Crops 2017

Variety	Year of release	Years Tested	Yield % Amarillo		Maturity	Lodging (1-9)	Vine Length (cm)	Resistance to:			Seed Weight (g/1000)
			1, 2 & South 3*	North 3 & 4*				Mycosphaerella Blight	Powdery Mildew	Seed Coat Dimpling	
CDC Acer	2001	3	84	73	Medium	6.5	60	5	R	Very good	170
CDC Mosaic	2010	4	81	74	Medium	4	85	4.5	R	Very good	180
AAC Liscard	n/a	3	92	90	Medium	4	85	5	R	Very good	200
CDC Blazer	2015	2	99	92	Medium	5	80	5	R	Very good	190

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

2019 SaskSeed Guide

Variety	Years Tested	Yield (% of CDC Amarillo)			Protein	Relative Maturity	Lodging ¹	Vine Length (cm)	Resistance to:						Seed Weight (g/1000)
		1, 2 & South 3	North 3 & 4	Irrigation					MB ²	Powdery Mildew	Fusarium Wilt	Seed Coat Breakage	Seed Coat Dimpling ³	Greenness ⁴	
CDC Acer	3	84	73	---	---	M	6.5	60	5.0	R	---	G	VG	n/a	170
AAC Liscard	5	89	89	---	-1.0	M	4.0	85	5.0	R	---	G	VG	n/a	200
CDC Mosaic	4	81	74	58	---	M	4.0	85	4.5	R	---	G	VG	n/a	180
CDC Blazer	4	99	99	---	+1.9	M	5.0	80	5.0	R	---	G	VG	n/a	190

1 Standability: 1= erect, 9= flat

2 Mycosphaerella Blight score (1-9) 1= no disease, 9= completely blighted

3 Seed coat dimpling: VG= 0-5%, G= 6-20%, F= 21-50%

4 Green seed coats: G= 0-15%, F= 16-40%