

MAPLE PEA: CDC BLAZER

Breeder: Dr. Tom Warkentin
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University of Saskatchewan
Saskatoon, SK.

Year released to Select Seed Growers: 2015

Sub-licensed outside of SK: SeCan

International Distribution Rights: Canterra Seeds Ltd./Meridian Seeds

Plant Breeders Rights: PBR'91

CDC Blazer is a high yielding maple field pea variety. In four years of testing in the Saskatchewan co-op and regional trials, CDC Blazer was the highest yielding maple pea variety. It yielded 99% of the yellow pea check variety CDC Amarillo in the south and north soil zones. CDC Blazer also has high protein. CDC Blazer is protected by PBR'91.

Strengths:

- High yield (similar to CDC Amarillo)
- Yield stability over different soil zones
- High protein
- Powdery mildew resistance
- Good resistance to seed coat breakage

Neutral:

- Fair lodging resistance
- Medium vine length



Table 1: Agronomic Performance for CDC Blazer from Co-op and Regional Trials in Saskatchewan – Adapted from Varieties of Grain Crops 2019

Variety	Year Registered	Years Tested	Yield % Amarillo		Maturity	Lodging (1-9)	Vine Length	Resistance to:				Seed Weight (g/1000)	Protein vs. CDC Amarillo
			1, 2 & South 3*	North 3 & 4*				Mycosphaerella Blight	Powdery Mildew	Seed Coat Breakage	Seed Coat Dimpling		
CDC Amarillo (check)	2012	10	100	100	Medium	3.5	85	4.5	R	Fair	Fair	230	23.0
CDC Acer	2001	3	84	73	Medium	6.5	60	5.0	R	Good	Very good	170	--
CDC Blazer	2015	4	99	99	Medium	5.0	80	5.0	R	Good	Very good	190	+1.9
AAC Liscard	2014	5	89	89	Medium	4.0	85	5.0	R	Good	Very good	200	-1.0
CDC Mosaic	2010	4	81	74	Medium	4.0	85	4.5	R	Good	Very good	180	--

Source: Varieties of Grain Crops 2019 (2019 SaskSeed Guide)

*Area 1: Brown soil zone; Area 2: Dark Brown; Area 3: Black; Area 4: Dark Gray

Lodging score: 1=Upright; 9=Completely lodged

Mycosphaerella blight score (1-9) 1=No disease, 9=Completely blighted

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