



CDC Huskie Variety Description

Market Class: Green Pea

Year Released to Seed Growers: 2023

Sub-licensed Outside of SK: SeCan

International Distribution Rights: No

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

Plant Breeders Rights: Applied

Description

CDC Huskie is the highest yielding green pea variety to date. In 6 years of testing in the Co-op and Regional Variety Trials in Saskatchewan, compared to the check variety CDC Amarillo, it yielded 110% in the south and 108% in the north (Table 1). This represents an 11-15% yield gain vs. CDC Greenwater and a 5 – 8% yield improvement over CDC Forest. CDC Huskie has good resistance to seed coat breakage and bleaching. It has good standability, similar to CDC Raezer or CDC Greenwater.

Statistical analysis of 9 years of long-term RVT data ranked CDC Huskie in the top for yield in both the south and the north among 8 historical and new green pea varieties (Figure 1).

Strengths

- Highest yielding green pea in both the north and south growing regions
- Consistent high yield
- Good seed characteristics. Rated good for:
 - Seed coat breakage
 - Resistance to bleaching
- Good standability
- Improved disease resistance compared to CDC Forest

Neutral

- Medium maturity
- Medium vine length

Table 1: Agronomic performance of green pea varieties from Co-op and Regional Trials in Saskatchewan

Variety	Year Registered	Years Tested	Yield (% Amarillo)		Relative Maturity	Lodging (1-9) ²	Vine Length (cm)	Resistance to:					Seed Weight (g/ 1000)
			Area 1, 2 & South 3 ¹	Area North 3 & 4 ¹				Mycosphaerella Blight ³	Powdery Mildew	Fusarium Root Rot	Seed coat breakage	Bleaching	
CDC Forest	2017	11	102	103	M	4	85	4.5	R	I	G	F	230
CDC Greenwater	2014	11	99	93	M	3.5	90	4	R	MR	F	G	230
CDC Huskie	2023	6	110	108	M	3.5	85	4	R	MR	G	G	220
CDC Limerick	2012	14	95	91	M	4	85	4.5	R	I	G	G	210
CDC Raezer	2011	12	82	80	E	3.5	80	5	R	MR	G	G	220
CDC Rider	2021	7	101	99	M	3	85	4.5	R	MR	G	G	230
CDC	2013	13	97	98	M	4	85	4.5	R	I	F	G	240

Spruce													
--------	--	--	--	--	--	--	--	--	--	--	--	--	--

Source: Varieties of Grain Crops ([SaskSeed Guide](#)) and Crop Development Centre, U of S

¹South: Brown, Dark brown, and south Black soil zone; North: north Black soil zone and Dark grey soil zone

²Lodging score: 1 = Upright; 9 = Completely lodged

³Mycosphaerella blight score: 1 = No disease, 9 = Completely blighted

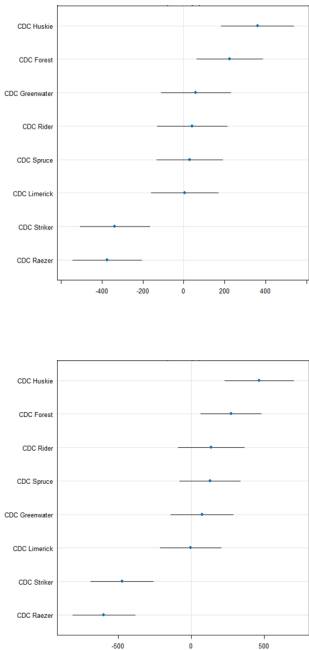


Figure 1. Relative yield ranking of green pea varieties from 9 years of RVT data in SK in the south (left) and north (right).



UNIVERSITY OF SASKATCHEWAN
Crop Development Centre
COLLEGE OF AGRICULTURE AND BIORESOURCES
AGBIO.USASK.CA