

CDC Inca is a yellow cotyledon, semi-leafless field pea variety bred at the CDC. It was registered and released to Select Seed Growers in Saskatchewan, Alberta and Manitoba in 2015.

CDC Inca was tested for two years in the Field Pea Co-op Registration Test “B” in 2011 - 2012. In these trials, the yield was 114% of the yellow pea check varieties CDC Golden and Agassiz (Table 1). In 5 years of testing in the Coop and Regional trials in Saskatchewan (Table 3), CDC Inca yielded 6% higher than CDC Amarillo (new check variety) in the southern regions and 100% in the north. In the 2016 Manitoba Field Pea Variety Trials, CDC Inca was the highest yielding yellow pea. In the 2016 Alberta Performance Trials, CDC Inca yielded 104% of CDC Amarillo. CDC Inca has PBR protection.

### Strengths:

- ✓ Improved yield compared to the yellow checks
- ✓ Good lodging resistance; better than checks
- ✓ Medium vine length
- ✓ Powdery mildew resistance

### Other Attributes:

- ✓ Medium maturity
- ✓ Medium seed weight
- ✓ Round seed shape
- ✓ Low seed coat breakage percent
- ✓ Moderate protein concentration
- ✓ Moderate cooking time
- ✓ Fair mycosphaerella blight resistance
- ✓ Fair Fusarium wilt resistance



**Performance of CDC Inca compared to the checks (Pea Co-op Test B, 2011-2012)**

Variety	Yield (kg/ha)	Yield (% mean of checks)	Days to maturity	Vine length (cm)	Lodging (pre-harvest)	Seed wt (mg)	Shape	Seed coat breakage (%)	Crude protein (%)	Cooking time (min)
CDC Golden (check)	4024	94	97	80	4.6	199	2.4	1	24.5	11.1
Agassiz (check)	4528	106	99	85	4.4	212	2.6	4	23.8	10.6
CDC Inca	4895	114	99	90	3.6	213	2.5	2	22.8	19.7
CV	8.1									
LSD 05	239		0.9	2.9	0.5	5.4	0.1	1.3	0.6	12.0
# locations	19		17	18	18	18	18	7	11	2

Lodging score: 1=upright; 9=completely lodged    Shape: 1=round; 5=cubic    Cooking=Mattson cooking time (min)

