

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

CDC Huskie Green Field Pea



Progress Through Research
Le progrès grâce à la recherche

Description:

CDC Huskie is a very high yielding green field pea with good lodging tolerance, improved mycosphaerella blight and powdery mildew resistance. CDC Huskie also has improved seed coat bleaching compared to CDC Forest

Parentage: CDC Greenwater/CDC3422-8

Strengths:

- **107% of the green pea check CDC Forest and 109% of the yellow pea check CDC Amarillo in registration and SK regional trials**
- **Good lodging resistance**, better than CDC Forest and CDC Limerick
- Medium vine length = 85cm
- Medium maturity
- Medium seed size, 220g tkw
- Moderately resistant to Fusarium wilt – better than CDC Forest
- Improved seed characteristic package – rated good for:
 - Bleaching
 - Resistance to seed coat breakage
 - Resistance to dimpling

Neutral:

- Medium green colour intensity, similar to CDC Greenwater, less intense than CDC Limerick
- Medium protein concentration, similar to CDC Greenwater, less than CDC Limerick

Breeder:



UNIVERSITY OF SASKATCHEWAN

Crop Development Centre

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Funded by:

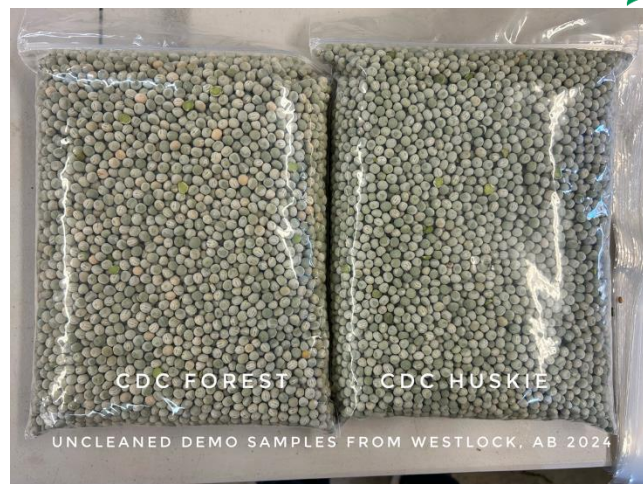


Table 1: Agronomic performance data from the Saskatchewan Co-op and Regional variety trials for green peas 2024

| Variety | Year of Release | Yield as % of CDC Amarillo | | Relative Maturity | Lodging (1-9) | Myco. Blight | Fus. Root Rot | Seed coat breakage | Seed coat dimpling | Bleaching | Seed Weight | Protein (%) vs CDC Amarillo |
|----------------|-----------------|----------------------------|--------|-------------------|---------------|--------------|---------------|--------------------|--------------------|-----------|-------------|-----------------------------|
| | | South* | North* | | | | | | | | | |
| CDC Forest | 2017 | 101 | 102 | M | 4.0 | 4.5 | I | G | G | F | 230 | 0.0 |
| CDC Greenwater | 2014 | 99 | 93 | M | 3.5 | 4.0 | MR | F | F | G | 230 | -0.9 |
| CDC Huskie | 2023 | 110 | 108 | M | 3.5 | 4.0 | MR | G | G | G | 220 | -0.8 |
| CDC Limerick | 2012 | 96 | 91 | M | 4.0 | 4.5 | I | G | G | G | 210 | 2.9 |
| CDC Raezer | 2011 | 82 | 80 | E | 3.5 | 5.0 | MR | G | G | G | 220 | -0.1 |
| CDC Rider | 2022 | 101 | 99 | M | 3.0 | 4.5 | MR | G | G | G | 230 | -0.3 |
| CDC Spruce | 2016 | 97 | 98 | M | 4.0 | 4.5 | I | F | F | G | 240 | 0.3 |

Source: Varieties of Grain Crops 2024 (SaskSeed Guide) and Crop Development Centre, U of S

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

Lodging score: 1=upright; 9=completely lodged

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

*South = Brown soil zone, Dark brown and south Black soil zone; North = north Black soil zone and Dark gray soil zone

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

2025 Seed Manitoba

| Variety | Yield (% of AAC Carver) | Site Years Tested | Relative Maturity | Relative Vine Length | Seed Size (TKW) | Resistance to: | | | | | | | |
|-------------------|----------------------------|-------------------|-------------------|----------------------|-----------------|----------------|----------------|-----------------|----------------------------|------------------------------|--------------------|---------------------------------|-----------|
| | | | | | | Lodging | Powdery Mildew | MB ¹ | Fusarium Wilt ² | Green Seed Coat ³ | Seed Coat Breakage | Seed Coat Dimpling ⁴ | Bleaching |
| AAC Carver (C) | 100 | 61 | Early | L | 240 | G | VG | F | I | G | G | G | N/A |
| CDC Forest | 99 | 34 | Long | L | 230 | G | VG | F | F | N/A | G | G | G |
| CDC Spruce | 96 | 19 | Long | L | 240 | G | VG | F | F | N/A | F | F | G |
| CDC Huskie | 99 | 17 | Long | M | 220 | G | VG | F | MR | N/A | G | G | G |

1. Mycosphaerella Blight
2. Varieties which show good disease tolerance to one strain of Fusarium wilt may be susceptible to other strains
3. Green seed coats: G= 0-10%, F= 11-25%
4. Seed coat dimpling rating: VG= 0-5%, G= 6-20%, F= 21-50%

2025 Saskatchewan Seed 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 | Bleaching | Seed Coat Dimpling ³ | Greenness ⁴ | |
| CDC Amarillo (C) | 15 | 100 | 100 | 100 | 23.8 | M | 2.9 | 85 | 3.9 | R | MR | F | N/A | F | G | 230 |
| CDC Forest | 12 | 102 | 102 | 101 | 0.0 | M | +0.3 | 85 | 0.0 | R | I | G | F | G | N/A | 230 |
| CDC Spruce | 14 | 96 | 98 | 100 | +0.3 | M | +0.3 | 85 | -0.1 | R | I | F | G | F | N/A | 240 |
| CDC Huskie | 7 | 108 | 106 | --- | -0.9 | M | 0 | 85 | -0.4 | R | MR | G | G | G | N/A | 220 |

1. Lodging: 1= completely upright, 9= completely lodged; values are +/- CDC Amarillo
2. Mycosphaerella Blight score (1-9) 1= no disease, 9= completely blighted; values are +/- CDC Amarillo
3. Seed coat dimpling: VG= 0-5%, G= 6-20%, F= 21-50%
4. Green seed coats: G= 0-15%, F= 16-40%

2025 Alberta Seed Guide

| Variety | Most recent year of RVT Testing | Overall Yield | Overall Station Years of Testing | Brown - Irrigated | | Brown | | Black-short | | Black-mid | | Grey Wooded | | Maturity Rating ¹ | Vine Length (cm) | Seed Size (TKW) | Standability ² | Disease Tolerance ⁵ | | Resistance to: | | |
|----------------------|---------------------------------|---------------|----------------------------------|-------------------|------------|-----------|------------|-------------|------------|------------|------------|-------------|------------|------------------------------|------------------|-----------------|---------------------------|--------------------------------|---------------|----------------|--------------------|---------------------------------|
| | | | | Yield (%) | Site Years | Yield (%) | Site Years | Yield (%) | Site Years | Yield (%) | Site Years | Yield (%) | Site Years | | | | | MB ³ | Fusarium Wilt | Bleaching | Seed Coat Breakage | Seed Coat Dimpling ⁴ |
| CDC Limerick (bu/ac) | | 67 | | 75 | | 50 | | 77 | | 62 | | 70 | | | | | | | | | | |
| CDC Limerick (C) | 2024 | 100 | 77 | 100 | 6 | 100 | 10 | 100 | 20 | 100 | 26 | 100 | 15 | M | 85 | 210 | 3.3 | 3.9 | I | G | VG | G |
| CDC Forest | 2023 | 108 | 56 | XX | 5 | 110 | 7 | 110 | 13 | 106 | 18 | 111 | 13 | M | 85 | 230 | 3.2 | 3.9 | I | F | G | G |
| CDC Spruce | 2020 | 106 | 32 | XX | 2 | XX | 5 | 109 | 7 | 109 | 11 | 103 | 7 | M | 85 | 240 | 3.2 | 3.8 | I | G | F | F |
| CDC Huskie | 2024 | 114 | 26 | XXX | 3 | XX | 3 | 115 | 8 | 115 | 8 | XX | 4 | M | 85 | 220 | 2.9 | 3.5 | MR | G | G | G |

1. Maturity: E= Early, M= Medium, L= Late
2. Standability: 1= completely upright 9= completely lodging
3. Mycosphaerella Blight, P= Poor, F= Fair, G= good, VG= Very Good R= Resistant
4. Seed Coat Dimpling: VG= 0-5%, G= 6-20%, F= 21-50%
5. Disease Tolerance: P = poor, F = Fair, G = Good and VG = Very Good

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