

CDC 5791 Yellow Pea

Overview:

CDC 5791 is a yellow pea variety that exhibits high yield potential with higher protein content than the check varieties. In both years of testing, it showed extremely low seed coat breakage compared to the check varieties. It has good lodging scores and a little longer vine length compared to the checks. CDC 5791 showed average maturity compared to the check varieties (+1 d vs. both checks) and is resistant to powdery mildew.

Features:

- High yield potential (107 % of CDC Amarillo and 106% of AAC Lacombe)
- High protein content (0.7% higher than both CDC Amarillo and AAC Lacombe)
- Medium maturity (+1 d vs. check varieties)
- Very low seed coat breakage compared to the Checks (3.8% vs. CDC Amarillo at 16.1%)

Two-year agronomy performance data from the Coop registration trials (2020 – 2021)

| Variety | Yield kg/ha | Mat days | Vine Length Cm | Lodging (1-9) | Seed Weight Mg | Seed Shape (1-5) | Protein % | Seed Coat Breakage % | Powdery Mildew Resistance |
|-----------------|-------------|-----------|----------------|---------------|----------------|------------------|-------------|----------------------|---------------------------|
| CDC 5791 | 3954 | 92 | 76 | 3.1 | 246 | 2.7 | 24.1 | 3.8 | R |
| CDC Amarillo | 3674 | 91 | 72 | 2.8 | 229 | 2.5 | 23.3 | 16.1 | R |
| AAC Lacombe | 3760 | 91 | 71 | 3.0 | 246 | 2.6 | 23.3 | 11.0 | R |

Visual comparison with the check varieties from the Coop registration trials (2020 – 2021)

