

CS ProStar Yellow Pea

Pedigree: 10L06 x SR5149

Overview:

DL1813 is a yellow pea variety that exhibits very high protein content without compromising its high yield potential. During the two years of testing, its protein content exceeded those of check varieties by 1.5% while maintaining an average yield of 101% over both check varieties. Over the two years of testing, DL1813 also showed earlier maturity compared to the check varieties (-2 d vs. both checks) and improved seed coat breakage. DL1813 is resistant to powdery mildew.

Features:

- High yield potential (101 % of CDC Amarillo and AAC Lacombe)
- High protein content (1.5% higher than both CDC Amarillo and AAC Lacombe)
- Early maturity (-2 d vs. check varieties)
- Significantly lower seed coat breakage compared to the Checks

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 |
|-------------------|-------------|-----------|----------------|---------------|----------------|------------------|-------------|----------------------|---------------------------|
| CS ProStar | 3812 | 89 | 68 | 3.4 | 242 | 3.0 | 24.5 | 6.4 | R |
| CDC Amarillo | 3780 | 91 | 71 | 2.9 | 226 | 2.5 | 22.7 | 16.8 | R |
| AAC Lacombe | 3798 | 91 | 71 | 2.9 | 254 | 2.7 | 23.3 | 10.6 | R |

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

