

Pro 2100 Green Field Pea

June 24, 1998

Pro 2100 green field pea was developed by ProGene L.L.C. of Othello, Washington. It originated from a cross between Maxi and Alcan. Populations were maintained out of this cross through the F5 generation. Pro 2100 (originally designated GP 88100) was selected out of the F5 population.

Pro 2100 was selected for the following characteristics:

- a. Ability to sustain double podding better than Columbian during stress periods.
- b. Greater tolerance to powdery mildew than Columbian.
- c. Resistant to Fusarium Wilt Race 1.
- d. Yield equal to or better than Columbian under North Idaho/Eastern Washington dryland conditions.
- e. Consistently round seeds without dimples (as Columbian has)
- f. Consistent green color (Columbian color of seeds varies within any sample) but lighter green color than Columbian.
- g. Pro 2100 is a green pea with Alaska vine type. The vine on Pro 2100 is huskier than Columbian and produces greater total biomass.
- h. Pro 2100 pod set is higher than that of Columbian.
- i. Pro 2100 bloom begins on 14th node.
- j. Blossoms are white and can be from single to triple pods per node.
- k. Average plant height is 104 cm but will vary on the favorableness of the conditions for the year.
- l. Plant color is a medium green.
- m. Seed size averages about 163 gm/ 1000 seeds depending on favorableness of conditions for the year.

Pro 2100 breeders stock will be maintained by ProGene L.L.C. of Othello, Washington. Subsequent generations of stock will be maintained by seed houses authorized by ProGene L.L.C.