

~~Phantom~~  
CPB 90-19

## DESCRIPTION OF FIELD PEA VARIETY CPB 90-19

31-0-0

**Crop:** Field Pea (*Pisum sativum*)

**Variety:** ~~CPB 90-19~~ CPB PHANTOM

**Origin and Breeding:** CPB 90-19 is a green seeded, semi-leafless pea variety. It was developed by John Blackman, Cambridge Plant Breeders, Thriplow, England. *AND ELIZABETH WILLIAMS,*

### Varietal Characteristics:

- i) Plant Characteristics - CPB 90-19 is a semi-leafless pea with white flowers. Its vine length is shorter than Radley and Express, with good standability. It matures 2 - 3 days earlier than Express.
- ii) Seed Characteristics - CPB 90-19 has a large smooth green seed. Its average size is 291 grams per 1000 seeds. The protein content is equal to Express.
- iii) Disease Reaction - CPB 90-19 has shown its susceptibility to *Mycosphaerella* (Ascochyta Blight) and Powdery Mildew to be equal to or slightly higher than check cultivars, Radley and Express. *FIELD OBSERVATIONS IN 1994 INDICATED GOOD RESISTANCE TO HIGH DISEASE PRESSURE.*
- iv) Performance - CPB 90-19 has been tested for three years; 1993 and 1994 Zone 1 Co-op and 1991 Special Purpose Co-op. Over the three years of testing, CPB 90-19 has outyielded Radley by 13 - 14% and Express by 6 - 8%. It is determinate, and 2 to 3 days earlier than Express in maturity. Its standability, short vine length and semi-leaf characteristics contribute to easier harvestability of CPB 90-19.
- v) Adaptation - CPB 90-19 is adapted to all Field Pea growing areas of Western Canada. Its yield advantage and early maturity should be of interest to all pea producers. *THE PERFORMANCE OF CPB 90-19 WILL BEST SHOW ITSELF IN THE BLACK SOIL (ZONE 1) AREAS.*
- vi) Canadian Distributor - Nelson Seed Farms Ltd.  
Ken Nelson  
R. R. #1  
Westlock, Alberta  
TOG 2L0
- vii) Marketing Representative - yet to be determined