



## APPLICATIONS UNDER EXAMINATION

## FABA BEAN

### FABA BEAN (*Vicia faba*)

**Proposed denomination:** 'Imposa'  
**Application number:** 09-6511  
**Application date:** 2009/02/26  
**Applicant:** Limagrain Nederland B.V., Lelystad, The Netherlands  
**Agent in Canada:** Cliff Cyre, Cyre Seed Farms, Barrhead, Alberta  
**Breeder:** Abel Jan Bouwman, Limagrain Advanta Nederland BV, Rilland, The Netherlands

**Variety used for comparison:** 'Snowbird'

**Summary:** 'Imposa' has a medium sized leaflet while it is a small size in 'Snowbird'. The leaflet of 'Imposa' is sub-orbicular in shape while it is sub-elliptic in 'Snowbird'.

#### Description:

**PLANT:** erect growth habit, indeterminate growth type, early time to flowering, moderate time to maturity, low tillering capacity, high self fertilization

**STEM:** absent or very weak anthocyanin colouration, white nectarie colour on the nodal bracts

**LEAFLET:** medium intensity of grey green colour, medium size, sub-orbicular shape, strong tendency to folding

**FLOWER:** white ground colour, medium number per 2nd or 3rd flowering node

**WING:** uniform white petal colour, melanin spot absent

**STANDARD:** melanin spot absent, no anthocyanin colouration present

**POD:** 3 to 4 seeds per pod, erect attitude, medium width, yellow to brown colour at maturity, thin to medium thickness of pod wall, very slight degree of curvature, flattened-constricted shape, matte lustre

**SEED:** medium size, elliptic shape in cross-section, oblong shape in median longitudinal section, olive to tan colour at maturity, white ground colour of the testa, no testa pattern, small sized very light grey hilum, yellow cotyledon colour

**Origin and Breeding:** 'Imposa' (experimental designation Ceb 04928) is the result of a cross made in 1996 between 94012 x Pistache at Lelystad, The Netherlands. In 1997, a single plant was selected in the F2, followed by years of line selection, replicated yield trials and multiplication. Selection criteria included yield, resistance to disease, resistance to lodging and earliness in maturity.

**Tests and Trials:** Test and trials were conducted in Barrhead, Alberta during the summers of 2008 and 2009. Plots consisted of 4 rows with a row length of 4.5 meters and a row spacing of 0.2 meters. Plots were spaced 0.3 meters apart. There were 4 replicates. Measured characteristics were based on a minimum of 10 measurements per year per variety.



Faba bean: 'Imposa' (right) with reference variety 'Snowbird' (left)