

DESCRIPTION OF VARIETY

Crop: Field Pea (*Pisum sativum*) Registration No: 3908
Variety: SV C40143 (GRANDE) Registration Date: April 5, 1994

Origin and Breeding:

Grande yellow field pea, tested as SV C40143, was developed at Svalof Weibull AB, Sweden. This conventional leafed variety originates from a cross SVÖG 20565 x Bohatyr. The original cross was done in 1984. The breeding method was a pedigree method and the variety originates from a single plant selection in F₄. Breeder seed was bulked in the F₉ generation.

Varietal Characteristics:Plant Characteristics:

Anthocyanin: absent
 Vines: taller than Express and Radley, approximately 100 cm.
 Leaves: medium size; light green, normal leaflets, two lobed base.
 Stipules: medium size, weak marbling present before flowering, waxy upper side, no anthocyanin ring, sparsely flecked.
 Flowers: white with a broad standard, 2 lobes on base.
 Pods: light green, medium length and width, very weakly concave with blunt distal part (apex), parchment present 7 or 8 ovules.
 Maturity: medium early similar to Express, slightly later than Radley.
 Disease Reaction: susceptible to *Mycosphaerella* blight (*Mycosphaerella pinodes*) and powdery mildew (*Erysiphe polygoni*)

Seed Characteristics:

Seed coat: colourless
 Hilum: colourless
 Cotyledon: yellow
 Seed: round; smooth
 1000 seed weight: Approx. 240g; larger than Radley; slightly larger than Express
 Quality: slightly lower protein than Express; cooking quality similar to Express and Radley.