

Five Pea Cultivars Licensed in Canada

Five new dry yellow pea cultivars have been licensed in Canada recently. 'Tipu' and 'Titan' were developed by Dr. S. T. Ali-Khan, Agriculture Canada, Morden, Manitoba. Tipu is a semi-leafless backcross derivative of 'Century' and is similar to Century in other respects. The 1000-seed weight of Titan is slightly higher than for Century and it has a 9% yield advantage over Century.

Two pea cultivars from Svalof have been licensed also. 'Victoria' was licensed in 1984. The 1000-seed weight of Victoria is intermediate between Century and the small-seeded cultivar 'Trapper' and it has an 8% yield advantage over Century. 'Fortune' was licensed in 1986. It has a 1000-seed weight similar to Victoria and a 14% yield advantage over Century. Canadian rights to these two Svalof cultivars are shared by United Grain Growers, Winnipeg, Manitoba, and Newfield Seeds, Nipawin, Saskatchewan.

The cultivar 'Bellevue' was developed at the Crop Development Centre, University of Saskatchewan, Saskatoon, Saskatchewan, by Dr. A. E. Slinkard. It has a 1000-seed weight similar to Victoria and Fortune with a 15% yield advantage over Century. It is about six days later maturing than Century, but with a shorter vine due to the presence of the le gene for reduced internode length. Bellevue has a tougher seed coat than other cultivars and this will result in reduced splitting losses during harvesting and processing.

Certified seed of Tipu and Victoria will be available for 1987 planting, and the others should be available for 1988 planting.

NEW CULTIVARS - DRY PEAS

'ELEKTRON'. Registered in 1986. Bred from cross of [('Porta' x 'Hadmeftslebener Grune') x ('Dik 1 mm' x 'Hylgro')] at Wiatrowo in cooperation with breeders from Czechoslovakia. Medium length stem, about 65 cm. Improved resistance to lodging. White flowers. Seeds smooth, yellow, TGW-260-270 g. Seed yield is the highest among Polish cultivars, on par with 'Belinda' (Cebeco). Protein content 22-21%.

'PERKUN'. Registered in 1986. Bred from cross 'Finale' x 'Porta' at Wiatrowo. Dwarf stem (55 cm). White flowers. Smooth, yellow seeds, 270 g/TGW. High seed yield. Protein content averaging 22-23%.

W. Swiecicki and W. K. Swiecicki
Plant Breeding Station
Wiatrowo, 62-100 Wagrowiec, Poland
