

NEW CULTIVARS

'TKEMONT SCOTCH' - From a cross of 'Campbell Scotch' by 211C (a breeding line from Western Valley Seed Company). Tremont Scotch is a round, green seeded variety with a zigzag, determinate vine. It has dark green foliage. It was 5 cm shorter than 'Alaska' and 15 cm shorter than Campbell Scotch, and first bloom for the new variety occurred 10 and 8 days later than for Alaska and Campbell Scotch, respectively, in trials at Davis, California. It averaged 14 pods per plant in these trials. Tremont Scotch seed has the same color characteristics as Campbell Scotch and in sensory evaluations it has not been distinguished from Campbell Scotch. The new variety is resistant to common wilt (*F. oxysporum* race 1), enation mosaic virus, and race 5 of *F. oxysporum*. U.S. Plant Variety Protection Certificate 8700075 has been granted for this new pea variety.

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NEW CULTIVAR - DRY PEAS

'IKAR'. Registered in 1987. Bred from cross 'Finale' x 'Jupiter'. Stem length about 70 cm. Improved resistance to lodging; white flowers; TGW - 280 g. Seeds smooth, yellow, of good cooking quality. Seed yield higher than the standard Polish cultivar 'Opal'.

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NEW CULTIVARS - DRY PEAS

'Alaska 81'

Alaska 81 is an F2 derived line from the fourth backcross of 'Campbells Scotch' with Wis 7105, a germplasm line that is immune to pea seedborne mosaic virus. Campbells Scotch, the recurrent parent, is an early flowering (9th node), smooth, green-seeded cultivar. Alaska 81 is resistant to seed bleaching and has good canning qualities after rehydration. The smooth green seeds of Alaska 81 provide excellent quality split peas. The cultivar is immune to pea seedborne mosaic virus, resistant to race I of Fusarium wilt, and tolerant to pea root rot.

'Umatilla'

Umatilla originated as an F₂ selection of a cross between J! 34, a breeding line from the John Innes Institute in Norwich, England, and WA110-42, a selection from PI 244251. Umatilla has averaged 87 cm tall and has a double podding habit. The pods of Umatilla lack parchment and are resistant to shattering. Seeds of Umatilla are medium sized, smooth, and bright yellow. Umatilla is resistant to Fusarium wLU rare 1 and tolerant to pea root rot.

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