

New Varieties

'SUBLIMA'. GARDEN PEA

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A new pea variety has been developed at the Federal Research Centre for Horticultural Plant Breeding, Ahrensburg. It is specially suited to freeze-drying but also for deep-freezing. 'Sublima' was licensed in West Germany in October 1982. The main features of Sublima are high yield of dark green peas, a high sensory quality and resistance to common wilt (Fusarium oxysporum) f. pisii race 1). The green peas have a dark green seedcoat. Intensive analyses showed that this characteristic is part of the manifold effects produced by the recessive gene dp.

A complete description was published in Gartenbauwissenschaft 45:175-184, 1980, Verlag Eugen Ulmer, Stuttgart.

GARDEN PEA VARIETIES

Marx, G. A. NYS Agricultural Experiment Station

Geneva, NY USA

Four new varieties developed at the New York State Agricultural Experiment Station, Cornell University, are now being marketed commercially. Each is intended for use in the home- or market-garden as a source of fresh green peas.

'MAESTRO' is dwarf, robust and prolific; it reaches prime edible maturity about 3-4 days after 'Progress No. 9' or 'Knight'. Because Maestro has long, moderately narrow pods (ca 10.5 x 1.5), the plants seem to be an early flowering version of 'Green Arrow' (= 'Greenshaft'), although the latter cultivar does not figure into the parentage of Maestro. Maestro is resistant to Pea Enation Mosaic Virus (PEMV), Bean Yellow Mosaic Virus (BYMV), powdery mildew (Erysiphe polygoni) but is susceptible to common wilt.

'GRENADIER' has a dwarf, compact vine; it flowers early but reaches prime maturity a day or two later than Progress No. 9 or Knight. The pods are long and broad (ca 10.0 x 2.0 cm) and well filled with large, high quality peas. Grenadier pods probably are well suited to shipping. The variety is resistant to PEMV, BYMV, powdery mildew and common wilt (Fusarium oxysporum f. pisii race 1).

'OLYMPIA' is dwarf and early, maturing about the same time as or slightly earlier than Progress No. 9. Pods are long but not as broad as in Grenadier. The variety is resistant to PEMV, BYMV and powdery mildew.

'EARLY SNAP' is a dwarf, mid-early (12-13 nodes to flower) edible-podded variety possessing the n gene, hence a so-called "snap-pea" type. Resistant to BYMV.