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'Footlong' Polebean[1]

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The South Carolina Agricultural Experiment Station and the United States Department of Agriculture announce the joint release of 'Footlong' polebean (*Phaseolus vulgaris* L.).

Description

'Footlong' has white seed and green, flattish pods (Fig. 1). Yield and earliness are comparable to 'Kentucky 191' in the spring. 'Footlong' tends to be earlier than 'Kentucky 191' in the fall due to its heat-set ability. 'Footlong' has some resistance to *Rhizoctonia* but is not as resistant as 'Hickman'.

Phaseolus vulgaris L. 'Hickman', which is resistant to *Rhizoctonia,* was hybridized with 'XP-80' followed by pedigree breeding. 'Hickman' is an heirloom bean with brown seed, heat tolerance, and pods with purple stippling.

Availability

Address requests for seed to the South Carolina Foundation Seed Association, Clemson University, Clemson, SC 29631. Catalog descriptions should credit Clemson University and the United States Department of Agriculture with development of 'Footlong' polebean.

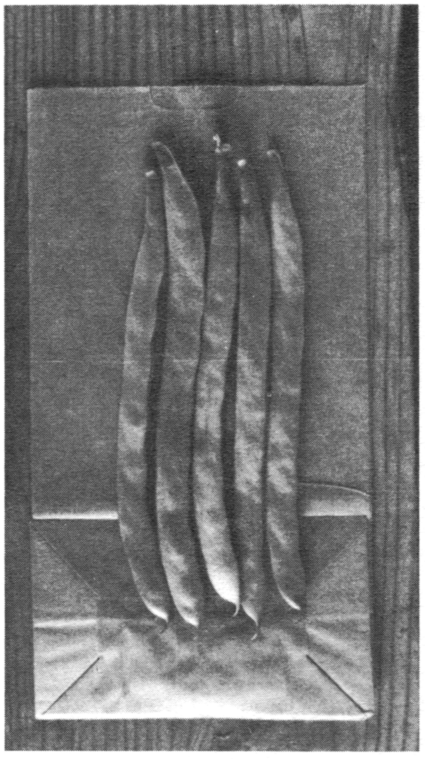

Fig. 1. 'Footlong' polebean.

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'Oregon 17' Green Bean[1]

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'Oregon 17' is an early maturing bush green bean of 'Blue Lake' pod type. Its use may permit an earlier beginning of operations by Oregon processors. 'Oregon 17' is about two days earlier than 'Oregon 1604', a standard cultivar for commercial canners in western Oregon. 'Oregon 17' should yield less than 'Oregon 1604.' However, this deficiency may be offset by greater processing efficiency of 'Oregon 17' pods, which are smoother and straighter than those of 'Oregon 1604'.

Origin

'Oregon 17', tested as OSU 4117-2, has been carried as a massed line since 1974 when it was in the F_7 generation. In the pedigree (Fig. 1), 197 is a breeding line of complex parentage involving 'FM-1 Blue Lake' (pole) and 'Logan'. BC-7 is a bush line derived from 'Logan' x 'Rogers 6-inch' followed by 7 backcrosses to 'FM-1 Blue Lake'. 'Oregon 17' is essentially a sister line of 'Oregon 91' (1).

Description

'Oregon 17' is relatively early, maturing in 60 to 66 days when planted in May in western Oregon. The plant is typically

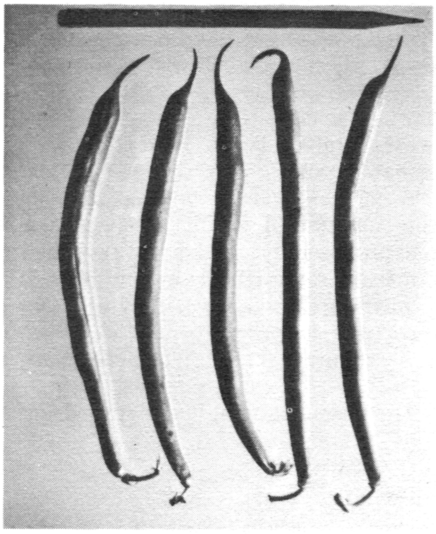

Fig. 2. 'Oregon 17' pods, sieve grade 5.

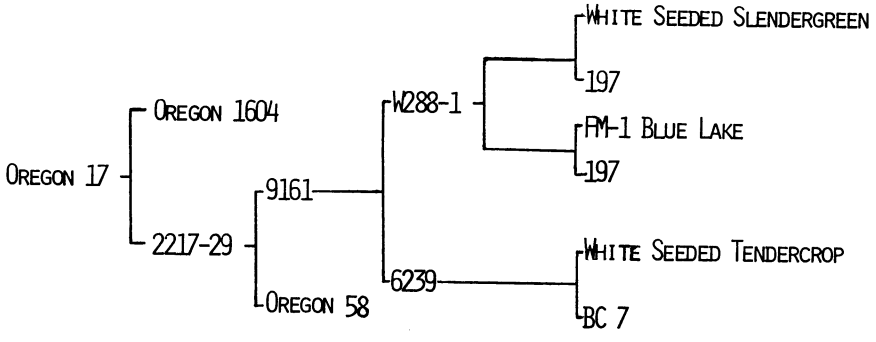

Fig. 1. Pedigree of 'Oregon 17'.

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