REFERENCES


REGISTRATION OF 74SN3, 74SN4, AND 74SN5 PEA GERMPLASM
(Reg. No. GP 15 to GP 17) J. M. Kraft and R. A. Giles

Three small-sieved canner breeding lines of peas (Pisum sativum L.) were released by ARS and the College of Agric., Washington State Univ., Pullman, in 1975. Each line combines resistance to races 1, 2, and 5 of Fusarium oxysporum Schlecht f. sp. pisi (van Hall) Snyd. & Hans.; and all three lines are resistant to a new strain of wilt capable of destroying pea varieties resistant to race 5.

The parentage of '74SN3' (Reg. No. GP 15) is {691005 X ('Small Sieve Freezer' X C-165) F} x ('Early Perfection 3040' x C-165) F}. The parent, 691005, is a selection of PI 203066. 'Small Sieve Freezer' X C-165) F} x (Early Perfection 3040) F}. The parent, 691004, is a selection of PI 210568 and is resistant to race 5. Small Sieve Freezer is a variety of Rogers Brothers Seed Company. C-165 is a Univ. of Wisconsin breeding line, and Early Perfection 3040 is a variety of Canners Seed Corporation. 74SN3 has a mixture of dimpled and smooth green seed. It will bloom at the 12th to 14th nodes and sets single and double pods. This line is less resistant to the root rot complex than '74SN3'.

The parentage of 74SN4 (Reg. No. GP 16) is {691004 X ('Small Sieve Freezer' X C-165) F} x (Early Perfection 3040) F}. The parent, 691004, is a selection of PI 188556 (Yugoslavia). One clone was obtained from 'Viking' and one was from J. M. Kraft, USDA Vegetable Crops Production Investigations, Irrigated Agric. Res. and Ext. Center, Prosser, Wash. The parental clones and seed production nurseries will be maintained by ARS at Blacksburg, Virginia. Up to 10 g of seed will be provided to forage-crop breeders on written request to the author at the Agronomy Department, Virginia Polytechnic Institute and State Univ., Blacksburg, VA 24061.

The parentage of 74SN5 (Reg. No. GP 17) is [(Small Sieve Freezer X C-165) F} x (Early Perfection 3040 X C-165) F}. The parent, 691004, is a selection of PI 157531 (Italy), 'PI 188556' (Yugoslavia). One clone was obtained from PI 230190 (Denmark). One clone was obtained from PI 188556 (Yugoslavia) and one was from J. M. Kraft, USDA Vegetable Crops Production Investigations, Irrigated Agric. Res. and Ext. Center, Prosser, Wash. The parental clones and seed production nurseries will be maintained by ARS at Blacksburg, Virginia. Up to 10 g of seed will be provided to forage-crop breeders on written request to the author at the Agronomy Department, Virginia Polytechnic Institute and State Univ., Blacksburg, VA 24061.

REGISTRATION OF VIRGINIA SYNTHETIC NUMBER 10 BIRDSFOOT TREFOIL GERMPLASM
(Reg. No. GP 4) John D. Miller

'Virginia Synthetic Number 10' germplasm pool of birdsfoot trefoil (Lotus corniculatus L.) was constituted when five clones each was selected for vigor and disease tolerance equal or superior to that of '74SN3'. The parental clones and seed production nurseries will be maintained by ARS at Blacksburg, Virginia. Up to 10 g of seed will be provided to forage-crop breeders on written request to the author at the Agronomy Department, Virginia Polytechnic Institute and State Univ., Blacksburg, VA 24061.