References and Notes


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Registration of ‘Hyden’ Pea Bean

‘Hyden’ pea (navy) bean (Phaseolus vulgaris L.) (Reg. no. CV-124, PI 578271) was developed cooperatively by the USDA-ARS and Washington State University. Hyden was jointly released in 1985 by the USDA-ARS, Washington State University, and Oregon State University.

Hyden is an F₆ selection from ‘Aurora’/‘Pinto UI-114’. Aurora is a small white bean developed at Cornell University, with hypersensitive dominant I gene resistance to bean common mosaic virus (BCMV) (1), resistance to curly top virus (CTV), and effective field resistance to fusarium root rot [caused by Fusarium solani (Mart.) Sacc. f. sp. phaseoli (Burkholder) W.C. Snyder & H.N. Hans.]. Pinto UI-114 is a multiple-virus-resistant cultivar developed by the University of Idaho. Hyden was selected in the field for its ability to yield well under stresses of fusarium root rot and drought, as well as under salubrious conditions, in comparison with other small white and pea bean breeding lines and cultivars. It was tested interregionally for 3 yr as NW-230 in the cooperative dry bean nurseries (3), wherein it was among the earliest-maturing and highest-yielding cultivars in its class.

Hyden has an upright, open, indeterminate bush-vine growth habit, similar to Aurora, but is shorter and earlier in maturity. It has white seeds, 4.8 to 5.2 seeds g⁻¹ and slightly more oblong in shape than standard pea bean. It is a unique pea bean in having resistance to fusarium root rot, as well as under salubrious conditions, in comparison with other small white and flat than standard pea bean. Hyden was found satisfactory in cooking tests and in nutrient composition and sensory evaluation

Registration of ‘Victor’ Pink Bean

‘Victor’ pink bean (Phaseolus vulgaris L. Reg. no. CV-380, PI 578261) was developed by the USDA-ARS, Washington State University. It was released in December 1983 by the USDA-ARS, Washington State University, the University of Idaho, and Oregon State University.

Victor is an F₂ selection from the same parents as ‘Sutler Pink’/‘Red Mexican UI-35’ (i.e., ‘Sutler Pink’/‘Red Mexican UI-35’). It was tested widely as 6R-122 and NW-122. Victor’s seed yields equaled or exceeded commercial pink cultivars (2).

Victor is resistant to the curly top virus (CTV), the type and NY-15 strains of bean common mosaic virus (BCMV), and has effective field resistance to fusarium root rot [caused by Fusarium solani (Mart.) Sacc. f. sp. phaseoli (Burkholder) W.C. Snyder & H.N. Hans.]. Pinto UI-114 is a multiple-virus-resistant cultivar developed by the University of Idaho. Hyden was selected in the field for its ability to yield well under stresses of fusarium root rot and drought, as well as under salubrious conditions, in comparison with other small white and pea bean breeding lines and cultivars. It was tested interregionally for 3 yr as NW-230 in the cooperative dry bean nurseries (3), wherein it was among the earliest-maturing and highest-yielding cultivars in its class.

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Registration of ‘Victor’ Pink Bean

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