

**PI 578268. Phaseolus vulgaris L.**

Cultivar. "OTHELLO"; W6 15561. CV-121. Pedigree - F7 selection from NW-410 Pinto/2/Victor Pink/Aurora. (NW410 = UI-114 Pinto/Sutter; Victor = VI-35 Red Mexican/1/ PI 203958/2/UI-35/3/Sutter Pink/4/Aurora Small White). Unique combination of qualities: Maturity very early; Short vigorous, high-yielding mid-set vines; Effective resistance to root rot (*Fusarium solani*); Resistance to Curly Top Virus and to all strains of the Bean Common Mosaic Virus prevalent in North America; Even though plants are small and very early maturing, is one of the highest yielding bean cvs.; and Seeds large, plump and bright with a cooked flavor and nutritional quality equal to the best in its market class.

**PI 578269. Phaseolus vulgaris L.**

Cultivar. "KARDINAL"; W6 15562. CV-122. Pedigree - F10 selection from Manitou/5/UI-114 Pinto/3/UI-112 Pinto/2/ UI-112/PI 203958/4/Jacob's Cattle. Resistant to curly top virus (CTV) and has the dominant "I" gene hypersensitive resistance to bean common mosaic virus (BCMV). Like other kidney cultivars, susceptible to *Fusarium* root rot. Bush habit determinate, strong, upright and matures in 90-100 days. Seed yields, size, color and cooked characteristics comparable to those of the best cultivars.

**PI 578270. Phaseolus vulgaris L.**

Cultivar. "KAMIAKIN"; W6 15563. CV-123. Pedigree - F11 selection from Royal Red/Redkote. Resistant to curly top virus (CTV) and has the dominant "I" gene hypersensitive resistance to bean common mosaic virus (BCMV). Like other kidney cultivars, susceptible to *Fusarium* root rot. Bush habit determinate, strong, upright and matures in 90-100 days. Seed yields, size, color and cooked characteristics comparable to those of the best cultivars.

**PI 578271. Phaseolus vulgaris L.**

Cultivar. "HYDEN"; W6 15564. CV-124. Pedigree - F6 selection from Aurora/Pinto UI-114. Habit upright, indeterminate. Pods long purple-splashed, set high in the midst of plant, matures in 90-95 days. Yields well under stresses of *Fusarium* root rot and drought, and is resistant to curly top virus and bean common mosaic virus ("I" gene). Seeds white, buff pigmentation near the hilum opposite the micropyle; uniform in size (4.8-5.2 seeds/g) and slightly more oblong and flattened than standard pea beans. Satisfactory in cooking nutrient composition and sensory evaluations.

**PI 578272. Phaseolus vulgaris L.**

Breeding. "K-42"; W6 15565. GP-148. Pedigree - F6 selection from Mecosta/6/Manitou/5/Jacob's Cattle/4/ Tenderlong 15/3/710-5/1831/2/stiff bush breeding line/ California Dark Red Kidney. Resistant to curly top virus (CTV), has dominant "I" gene resistance to bean common mosaic virus (BCMV), and showed halo blight resistance in field trials. Bush habit strong, upright, determinate, and ranges in rate of maturity from 85 to 100 days in Washington and Idaho. Competitive in yielding ability with present commercial cultivars. Seed size, shape, and color considered acceptable for commercial use. Pods tend to shatter when dry. Cooking quality comparable to that of commercial cultivars.

**PI 578273. Phaseolus vulgaris L.**

Breeding. "K-59"; W6 15566. GP-149. Pedigree - F6 selection from Mecosta/2/Royal Red/Redkote. Resistant to curly top virus (CTV) and has dominant "I" gene resistance to bean common mosaic virus (BCMV). Inoculation tests in stems, leaves, and pods have shown resistance to race 2 of the halo blight bacterium. Bush habit strong, upright, determinate and ranges in maturity from 85 to 100 days. Competitive in