

Cultivar. Pureline. "UI 239"; 52039. CV-137. Pedigree - NW63/2/UI36/Viva . Growth habit type IIIA, 37cm average plant height. Seed size 29.2gm 100 seed-1. Good processing quality. Resistance to BCMV is bc-ubc-ubc-12bc-12. Resistant to Beet Curly Top Virus. Susceptible to rust, common blight and air pollution (ozone). 90 days to maturity where check (NW63) matures in 92 d. Flowers white and pods green that develop light rose blush with maturity.

**PI 594324. Phaseolus vulgaris L.**

Cultivar. Pureline. "UI 911"; 83B11. CV-136. Pedigree - Midnight/07055. Growth habit type II, 36cm average plant height with 40cm vine. Seed size 18.8gm 100 seed-1. I gene resistance to BCMV. Moderately resistant to Beet Curly Top Virus. Resistant to midwest rust strains, escapes white mold infection and is moderately susceptible to common blight. Also moderately resistant to Northwest root rot complex. 93 days to maturity where check Midnight matures in 100 d. Flowers, stems, and pods purple at maturity.

The following were developed by Jim Beaver, University of Puerto Rico, Mayaguez Camp, Department of Agronomy & Soils, P. O. Box 5000, Mayaguez, Puerto Rico; James R. Steadman, University of Nebraska, Department of Plant Pathology, 406 Plant Science Hall, Lincoln, Nebraska 68583, United States; Matt Silbernagel, USDA, ARS, Vegetable Crop Production, IAREC, P.O. Box 30, Prosser, Washington 99350, United States; G.F. Freytag, USDA-ARS, National Seed Storage Laboratory, 1111 South Mason Street, Fort Collins, Colorado 80521-4500, United States; Phil Miklas, USDA, ARS, Irrigated Agric. Research & Extension Ctr., 24106 North Bunn Road, Prosser, Washington 99350, United States. Received 04/24/1996.

**PI 594325. Phaseolus vulgaris L.**

Breeding. Pureline. TARS-VR-1s. GP-173. Pedigree - BAT338//IVT 7233/IVT 7214/3/TARS-253A/4/L-227-1. Bean common mosaic virus (BCMV) resistant navy bean. Combines dominant and recessive bc-3 resistance genes to BCMV with high yield potential, semi-upright, short-vine to long-vine growth habits (Types 2a and 2b), and resistance to bean rust (*Uromyces appendiculatus*). Yield potential, plant architecture (growth habit), seed quality, and rust resistance superior to the moderate yield potential, prostrate Type III growth habit, elongated and flattened kidney-shaped seed, and rust susceptibility of the white-seeded dry bean lines TARS-IM-1 and TARM-IM-2 released in 1986 with the same bc-3-protected I gene resistance to BCMV.

**PI 594326. Phaseolus vulgaris L.**

Breeding. Pureline. TARS-VR-7s. GP-174. Pedigree - BAT338//IVT 7233/IVT 7214/3/TARS-144B/4/L-227-1. Bean common mosaic virus (BCMV) resistant navy bean. Combines dominant and recessive bc-3 resistance genes to BCMV with high yield potential, semi-upright, short-vine to long-vine growth habits (Types 2a and 2b), and resistance to bean rust (*Uromyces appendiculatus*). Yield potential, plant architecture (growth habit), seed quality, and rust resistance superior to the moderate yield potential, prostrate Type III growth habit, elongated and flattened kidney-shaped seed, and rust susceptibility of the white-seeded dry bean lines TARS-IM-1 and TARM-IM-2 released in 1986 with the same bc-3-protected I gene resistance to BCMV.