

PI 596627. *Zea mays* L. ssp. *mays*

Breeding. Inbred. Mp710. GP-342. Pedigree - Selfed within open pollinated variety Old Raccoon (PI 540778) for eight generations. Maturity classification AES 1100. Resistant to southern root-knot nematode, rated 0.9 and Ab24E (susceptible check) rated 3.5 on scale of 0-5, where 0 indicated no egg masses and 5 more than 100 egg masses. For peanut root-knot nematode rated 0.0 and Ab24E 3.3. Height medium, kernels and cob white.

PI 596628. *Zea mays* L. ssp. *mays*

Breeding. Inbred. Mp711. GP-343. Pedigree - Selfed within open pollinated variety Tebeau (PI 540756) for eight generations. Maturity classification AES 1100. Resistant to southern root-knot nematode, rated 0.7 and Ab24E (susceptible check) rated 3.5 on scale of 0-5, where 0 indicated no egg masses and 5 more than 100 egg masses. For peanut root-knot nematode rated 0.2 and Ab24E 3.3. Height medium, kernels and cob white.

PI 596629. *Zea mays* L. ssp. *mays*

Breeding. Inbred. Mp712. GP-344. Pedigree - Selfed within open pollinated variety Tebeau (PI 540756) for eight generations. Maturity classification AES 1000. Resistant to southern root-knot nematode, rated 0.8 and Ab24E (susceptible check) rated 3.5 on scale of 0-5, where 0 indicated no egg masses and 5 more than 100 egg masses. For peanut root-knot nematode rated 0.2 and Ab24E 3.3. Height medium, kernels and cob white.

The following were developed by Mark Uebersax, Michigan State University, 135 Food Science Building, East Lansing, Michigan 48824-1224, United States; George L. Hosfield, USDA, ARS, Michigan State University, Department of Crop & Soil Science, East Lansing, Michigan 48824, United States; Jim Kelly, Michigan State University, Department of Crop & Soil Science, East Lansing, Michigan 48824, United States; Greg Varner, Dry Edible Bean Research, Advisory Board, 3066 S. Thomas Road, Saginaw, Michigan 48603, United States; J. Taylor, Michigan State University, Dept. of Crop and Soil Sci., East Lansing, Michigan 48824, United States. Received 02/25/1997.

PI 596630. *Phaseolus vulgaris* L.

Cultivar. Pureline. "MACKINAC"; N93296. CV-143. Pedigree - Avanti / N90435. Growth habit upright type-II, indeterminate. Height avg. 55 cm. Seed ovoid, avg. 21 g/100 seed, size, shape, color and canning quality similar to Avanti. Mid-season, maturing 95 d after planting and 2 d later than Avanti. Resistant to lodging, rust, bean common mosaic virus, anthracnose races 65 and 73 to which Avanti is susceptible. Tolerance to white mold equivalent to Avanti. Susceptible to Michigan isolates of root rot and common blight. Outyielded Avanti by 6% over four years at 20 locations in Michigan.

The following were developed by Milton E. McDaniel, Texas A&M University, Dept. of Soil & Crops Sciences, College Station, Texas 77843, United States; Mark D. Lazar, Texas A&M University Agric. Res. & Ext. Ctr., 6500 Amarillo Blvd. West, Amarillo, Texas 79106, United States; John W. Sij, Texas A&M