

PI 543921. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Muehlbauer, F. J., Agricultural Research Service -- USDA, Washington State University, Pullman, Washington, United States; and Washington Agr. Res. Ctr.; and Idaho Agr. Exp. Sta..
remarks: Sarah Chickpea. Received October 09, 1990.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, Washington State University, Pullman, Washington 99164-6421. **cultivar:** SARAH.
pedigree: Pureline selection from C-235. **other id:** Selection #CP830006. **other id:** CV-88. **group:** CSR-OTHER LEGUMES. **remarks:** Growth habit branched, upright. Leaves fern type. Flowers in 56 days. Maturity early, 110 days from planting. Seeds uniform, reddish-tan. Seed weight 15.8g per 100. Cotyledons bright yellow. Drought tolerance good. Performs well in shallow soils common in eroded areas of the Palouse region. Spring Annual. Cultivar. Seed.

PI 543922. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Wilkinson, C.A., Virginia Polytechnic Institute, P.O. Box 448, Blackstone, Virginia, United States. **remarks:** VA 116 Tobacco. Received October 09, 1990.

origin: United States. **origin institute:** Virginia Polytechnic Institute, P.O. Box 448, Blackstone, Virginia 23824. **cultivar:** VA 116. **pedigree:** NC 82/C 319. **other id:** CV-101. **group:** CSR-TOBACCO. **remarks:** Plants approx. 100cm tall, produces 19 harvestable leaves when topped, and flowers 64 days after transplanting. Average yield 3231kg/ha and 2847kg/ha in 1986 and 1989, respectively. Resistance moderate to black smut (*Phytophthora parasitica*), Granville wilt (*Pseudomonas solanacearum*) and brown spot (*Alternaria alternata*). Spring Annual. Cultivar. Seed.

PI 543923 to 543925. *Phaseolus vulgaris* L. FABACEAE Pinto bean

Donated by: Brick, M.A., Colorado Agr. Exp. Sta., Colorado State University, Fort Collins, Colorado, United States. **remarks:** Three Pinto Bean Breeding Lines. Received October 09, 1990.