

PI 557004 to 557005-continued

PI 557004 **origin:** United States. **origin institute:** Virginia Polytechnic Institute, Research Division, Blacksburg, Virginia 24061. **cultivar:** VA 309. **pedigree:** Crosses involving Vesta 55 for resistance to black shank, Va 312 for resistance to black root rot and Lizard Tail Orinoco for leaf weight and quality. **other id:** CV-51. **source:** Crop Sci. 12(2):257 1972. **group:** CSR-TOBACCO. **remarks:** Fire-cured variety intermediate between Lizard Tail Orinoco and Va 312 in plant type. Leaf spacing on stalk wider than Lizard Tail Orinoco and approaches that of Va 312. Leaf texture soft, color dull green. Leaf surface at maturity wrinkled with marked depression of veins and mid-ribs. Resistance moderate to high for black shank and low to tolerant for black root rot. Cultivar. Seed.

PI 557005 **origin:** United States. **origin institute:** Virginia Polytechnic Institute, Research Division, Blacksburg, Virginia 24061. **cultivar:** VA 407. **pedigree:** Three crosses of black root rot susceptible cultivar Little Sweet Orinoco (LSO) and black root rot resistant breeding line 307 E. F3 [LSO X F3 (LSO X F5-307 E)] X LSO. **other id:** CV-52. **source:** Crop Sci. 12(2):258 1972. **group:** CSR-TOBACCO. **remarks:** Sun-cured variety with leaves slightly larger than Little Sweet Orinoco and general appearance of sun-cured type. Resistance moderate to black root rot. Cured leaf acceptable to buying interests of sun-cured tobacco. Yields equal to LSO on black-root-rot-free soil and considerably higher where black root rot is present. Cultivar. Seed.

PI 557006. *Nicotiana tabacum* L. SOLANACEAE

Donated by: Rogers, C.H., Coker's Pedigreed Seed Company, Hartsville, South Carolina, United States. Received October 10, 1991.

origin: United States. **origin institute:** Coker's Pedigreed Seed Company, Hartsville, South Carolina 29550. **cultivar:** COKER 354. **pedigree:** (Coker 319 X Coker 258) X Coker 319. **other id:** CV-64. **source:** Crop Sci. 15(1):101 1975. **group:** CSR-TOBACCO. **remarks:** Resistance high to black shank, common species of root-knot nematode, bacterial and fusarium wilt. Tolerant to brown spot. Leaves medium-medium broad, spaced 6cm apart on stalk. Similar to Coker 319 but yields 5-10% more cured leaf and higher resistance to all above diseases except fusarium wilt. Leaves hold well in field and well filled to top of plant. Leaves easily handled with minimum loss for breakage. Cultivar. Seed.