

PI 564844 to 564847-continued

PI 564846 **origin:** United States. **developed:** H.T. Stalker, M.K. Beute. **origin institute:** North Carolina Agr. Exp. Sta., North Carolina State University, Dept. of Crop Science, Raleigh, North Carolina 27695 United States. **cultivar:** GP-NC WS3. **pedigree:** *Arachis hypogaea* (PI 261942 or PI 261943) ($2n = 4x = 40$) / *A. cardenasii* (PI 262141). **other id:** GP-61. **source:** *Crop Sci.* 33(5):1117 1993. **group:** CSR-PEANUT. **restricted:** CSR. **remarks:** Bunch growth habit. Mainstem not apparent at harvest. Botanically belongs to ssp. *hypogaea* var. *hypogaea*. Pods moderately to highly constricted. Seeds light pink, 57.3g/100. High levels of partial resistance to *Cercospora arachidicola* by having significantly fewer lesions, a low percentage of defoliation and more favorable overall rating than other resistant *A. Hypogaea* genotypes tested. Also partial resistance to *Cercosporidium personatum*. Spring Annual. Breeding Material. Seed.

PI 564847 **origin:** United States. **developed:** H.T. Stalker, M.K. Beute. **origin institute:** North Carolina Agr. Exp. Sta., North Carolina State University, Dept. of Crop Science, Raleigh, North Carolina 27695 United States. **cultivar:** GP-NC WS4. **pedigree:** *Arachis hypogaea* (PI 261942 or PI 261943) ($2n = 4x = 40$) / *A. cardenasii* (PI 262141). **other id:** GP-62. **source:** *Crop Sci.* 33(5):1117 1993. **group:** CSR-PEANUT. **restricted:** CSR. **remarks:** Upright, tall bunch plant growth habit. Mainstem not apparent at time of harvest. Botanically belongs to ssp. *hypogaea* var. *hypogaea*. Pods have deep constriction and slight beak. Seeds tan, 48.1g/100. Significantly fewer lesions than resistant *A. hypogaea* lines, moderate levels of defoliation, and highly suppressed lesion sporulation. Also partial resistance to *Cercosporidium personatum* with a long latent period and low (ca. 20%) sporulation rate. Spring Annual. Breeding Material. Seed.

PI 564848. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Nielsen, M.T., Kentucky Agr. Exp. Sta., University of Kentucky, Lexington, Kentucky 40546-0091, United States. **remarks:** KY 8959 Burley Tobacco. Received February 04, 1993.