

PI 560081 to 560082. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Johnson, M.W., Pennsylvania Agr. Exp. Sta., Pennsylvania State University, University Park, Pennsylvania 16802, United States. **remarks:** No Certificate Requested. Received June 06, 1992.

PI 560081 **origin:** United States. **developed:** M.W. Johnson. **origin institute:** Pennsylvania Agr. Exp. Sta., Pennsylvania State University, University Park, Pennsylvania 16802 United States. **cultivar:** PA778. **pedigree:** [(C103/Hooker's Ht B Source)(C1030C)] C103 Ht Ht. **other id:** PL-162. **source:** Crop Sci. 32(6):1516 1992. **group:** CSR-MAIZE. **restricted:** CSR. **remarks:** AES700 maturity line. Mid silk and maturity earlier than C103. Height 130-140cm with ear placement 65-70cm. Leaf pattern spreading. Tassel medium sized, spreading. Grain yield and kernel type similar to C103. Ears develop approx. 14 rows. Kernels medium-yellow, dent. Stalk strength good. Resistance good to northern leaf blight (*Exserohilium turcicum*) & northern leaf spot (*Bipolaris zeicola*) race 3. Combines well with derivatives of both IA stiff stalk and OH43. Spring Annual. Breeding Material. Seed.

PI 560082 **origin:** United States. **developed:** M.W. Johnson. **origin institute:** Pennsylvania Agr. Exp. Sta., Pennsylvania State University, University Park, Pennsylvania 16802 United States. **cultivar:** PA860. **pedigree:** WF 9 Synthetic 3 (75). **other id:** PL-163. **source:** Crop Sci. 32(6):1516 1992. **group:** CSR-MAIZE. **restricted:** CSR. **remarks:** AES800 maturity line similar in maturity to B73. Plant ht. approx. 170cm, ear ht. 80cm. Plant size medium. Tassels semi-spreading. Leaves medium-green with spreading type pattern. Kernels medium-yellow, small, semi-round with little or no denting. Ear small (15-20cm), with 14-16 rows. Cob red. Resistance good to both northern leaf blight (*Exserohilium turcicum*) & northern leaf spot (*Bipolaris zeicola*), race 3. Resistance intermediate to gray leaf spot (*Cercospora zea-maydis*, Tehon & Daniels). Combines well with IA stiff stalk derivatives. Stalk strength good. Spring Annual. Breeding Material. Seed.

PI 560083. *Cuphea lanceolata* Aiton f. LYTHRACEAE

Donated by: Research Institute of Ecology and Botany, Hungarian Academy of Sciences, Botanical Garden, Vacratot, Hungary. Received April 18, 1991.

origin: UNKNOWN. **origin institute:** Research Institute of Ecology and Botany, Hungarian Academy of Sciences, Botanical Garden, Bacratot Hungary. **other id:** Ames 8365. **source:** NC-7. **group:** Ames. **remarks:** 1988 Index Seminum - Hungary #2335. Annual. Cultivated. Seed.