

PI 506410 to 506413. *Zea mays* L. POACEAE Corn

Donated by: Wann, E.V., South Central Agricultural Research Lab., USDA-ARS, P.O. Box 159, Lane, Oklahoma, United States. Received February 17, 1987.

PI 506410 **donor id:** M6388. **origin:** United States. **pedigree:** F12(BC3F3 M97AC/Purdue 61-1-79-1)//Penn. State 2462. **other id:** GP-152. **group:** CSR-MAIZE. **remarks:** Genotype high-sugar endosperm. Days to anthesis 62. Cobs white. Kernels light yellow. Silks light cream. Susceptible to Helminthosporium leaf blights (*H. turcicum* and *H. maydis*). **disease resistance:** Moderate resistance to common corn rust (*Puccinia sorhgi*). Breeding Material. Seed.

PI 506411 **donor id:** M6411. **origin:** United States. **pedigree:** F10(BC1F6 M4206/Purdue 61-1-79-1)//Penn. State 2462. **other id:** GP-153. **group:** CSR-MAIZE. **remarks:** Genotype high-sugar endosperm. Days to anthesis 56. Cobs white. Kernels dull yellow. Silks light cream. Susceptible to Helminthosporium leaf blights (*H. turcicum* and *H. maydis*). **disease resistance:** Moderate resistance to common corn rust (*Puccinia sorhgi*). Breeding Material. Seed.

PI 506412 **donor id:** M6415. **origin:** United States. **pedigree:** F10(BC1F6 ILL. 197a/Purdue 61-1-79-1)//Penn. State 2462. **other id:** Gp-154. **group:** CSR-MAIZE. **remarks:** Genotype high-sugar endosperm. Days to anthesis 54. Cobs white. Kernels medium yellow. Silks light tan. Susceptible to Helminthosporium leaf blights (*H. turcicum* and *H. maydis*). **disease resistance:** Moderate resistance to common corn rust (*Puccinia sorhgi*). Breeding Material. Seed.

PI 506413 **donor id:** M6421. **origin:** United States. **pedigree:** F9(ILL. B2064//(BC4F3 M97AC/Purdue 61-1-79-1))//Penn State 2462. **other id:** GP-155. **group:** CSR-MAIZE. **remarks:** Genotype high-sugar endosperm. Days to anthesis 57. Cobs white. Kernels bright yellow. Silks light tan. Susceptible to Helminthosporium leaf blights (*H. turcicum* and *H. maydis*). **disease resistance:** Moderate resistance to common corn rust (*Puccinia sorhgi*). Breeding Material. Seed.

PI 506414 to 506416. *Gossypium hirsutum* L. MALVACEAE Cotton

Donated by: Wilson, F.D., USDA-ARS, Western Cotton Research Laboratory, 4135 E. Broadway Road, Phoenix, Arizona, United States. **remarks:** Cooperative releases by USDA-ARS and the Arizona Agricultural Experiment Station. Received February 17, 1987.