

PI 553070. Saccharum hybrid POACEAE Sugarcane

**Donated by:** Wu, K.K., Experiment Station, Hawaiian Sugar Planters' Association, Aiea, Hawaii, United States. **remarks:** H74-4527 Sugarcane. Received July 22, 1991.

**origin:** United States. **origin institute:** Experiment Station, Hawaiian Sugar Planters' Assoc., Aiea, Hawaii 96701. **cultivar:** H74-4527. **pedigree:** Random pollination of H48-4605 in a polycross made in 1973 involving several commercial-type clones selected on the basis of resistance to culmicolous smut. Contains germplasm of *S. officinarum*, *S. spontaneum*, *S. sinense*, possibly *S. robustum*. **other id:** CV-87. **source:** Crop Sci. 32(1):281 1992. **group:** CSR-SUGARCANE. **remarks:** Normally harvested at 24 months. Equal tonnage and sucrose content as major irrigated commercial clone grown in this environment, H65-7052. Good tillering, fast growing and light-flowering in most irrigated environments. Stalk average in diameter. Ratoons at least as well as H65-7052 and is tolerant to s-triazine herbicides. Exhibits drought stress symptoms more quickly than other commercially. Cultivar. Plant.

PI 553071. Saccharum hybrid POACEAE Sugarcane

**Donated by:** Wu, K.K., Experiment Station, Hawaiian Sugar Planters' Association, Aiea, Hawaii, United States. **remarks:** H78-0292 Sugarcane. Received July 22, 1991.

**origin:** United States. **origin institute:** Experiment Station, Hawaiian Sugar Planters' Assoc., Aiea, Hawaii 96701. **cultivar:** H78-0292. **pedigree:** Random pollination of H70-0144 in a polycross made in 1977 involving a wide array of commercial-type clones. Contains germplasm of *S. officinarum*, *S. spontaneum*, *S. sinense*, possibly *S. robustum*. **other id:** CV-88. **source:** Crop Sci. 32(1):282 1992. **group:** CSR-SUGARCANE. **remarks:** Normally harvested at 24-30 months. Adapted to a wide range of unirrigated environments. Particularly competitive on the Hilo Coast of Hawaii, with cane tonnage and sucrose content superior to the current major unirrigated commercial type grown in this environment, H74-1715. Excellent germination and rapid early growth habit. Average in tillering and stalk diameter. More responsive to fertilizer inputs and. Cultivar. Plant.