

PI 542615. *Asparagus hybrid* LILIACEAE

Donated by: McCollum, G.D., Vegetable Laboratory, USDA-ARS-BARC, Beltsville, Maryland, United States. Received .

origin: United States. **cultivar:** ASP 8271-ASP8284.
pedigree: F2 generation of Tetraploid of *A. officinalis* Viking/*A. officinalis* subsp. *prostratus*. **remarks:** Can be expected to segregate in gender and stem length, diameter, and habit (varying from erect to prostrate). Fully fertile. Hermaphroditism present. $2N=4X=40$. Can be useful in widening the range of genetic variation in the morphology and adaptation of vegetable asparagus. Breeders of ornamentals might find it useful for developing novel types. F2 populations of Sib crosses 8270 and 8284 bulked. Breeding Material. Seed.

PI 542616. *Citrullus colocynthis* (L.) Schrad. CUCURBITACEAE Colocynth

Donated by: Mokkadem, A.; Chadja, H., INRA, LaMiniere, Guyancourt, France; and Guarino, L., IBPGR, Rome, Italy. **remarks:** Received through IBPGR, Rome, Italy. Received November 29, 1989.

donor id: 1147. **origin:** Algeria. **collected:** June 22, 1988. **collector id:** 1147. **locality:** Wadi, edge of open Tamarix community, 60km SE of Arak, Mouydir Province. Site 21. **latitude:** 23 deg. 00 min. N. **longitude:** 42 deg. 00 min. E. **elevation:** 1050m. **remarks:** Soil pH>7.5. Wild. Seed.

PI 542617. *Citrullus lanatus* (Thunb.) Matsum. & Nakai CUCURBITACEAE Watermelon

Donated by: Mokkadem, A.; Chadja, H., INRA, LaMiniere, Guyancourt, France; and Guarino, L., IBPGR, Rome, Italy. **remarks:** Received through IBPGR, Rome, Italy. Received November 29, 1989.

donor id: 1088. **origin:** Algeria. **collected:** June 20, 1988. **collector id:** 1088. **locality:** Irrigated agriculture in wadi, Metoutek, Hoggar Province. Site 16. **latitude:** 24 deg. 20 min. N. **longitude:** 05 deg. 30 min. E. **elevation:** 1300m. **remarks:** Soil pH>7.5. Cultivated. Seed.

PI 542618 to 542619. *Cucumis melo* L. CUCURBITACEAE Melo

Donated by: Mokkadem, A.; Chadja, H., INRA, LaMiniere, Guyancourt, France; and Guarino, L., IBPGR, Rome, Italy. **remarks:** Received through IBPGR, Rome, Italy. Received November 29, 1989.