

494767-continued

wide, resistant to shattering. Malting quality poor. Protein content intermediate. Acid soil and drought tolerance fair. Spring Annual. Cultivar. Seed.

494768 TO 494769. *Amaranthus hybridus* L. (Amaranthaceae).

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494768. ZFA 3156. Zambia. Latitude: 12 deg S; Longitude: 026 deg 10 m E. Collected June 18, 1982. Lwamakanda, 27km SW of Solwezi, Northwestern Province. Leaves used as food. Local name Lenga Lenga. Weedy. Seed.

494769. ZFA 3209. Zambia. Seed.

494770 TO 494777. *Amaranthus* sp. (Amaranthaceae).

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494770. ZFA 3256. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Collected June 22, 1982. Sangelenge, 13km from Kabompo to Chizela, Northwestern Province. Local name Lenga Lenga. Seed.

494771. ZFA 3330. Zambia. Latitude: 13 deg 50 m S; Longitude: 023 deg 50 m E. Collected June 23, 1982. Farmstore, Nyakakone, 83km from Kubompo to Zambezi, Northwestern Province. Local name Lenga Lenga. Annual. Primitive Cultivar. Seed.

494772. ZFA 3421. Zambia. Latitude: 11 deg 50 m S; Longitude: 024 deg 10 m E. Collected June 26, 1982. Backyard, 9km SE of Mwinilunga, Northwestern Province. Local name Lenga Lenga (Mulengu lunda). Annual. Primitive Cultivar. Seed.

494773. ZFA 3451. Zambia. Latitude: 12 deg 15 m S; Longitude: 025 deg 30 m E. Collected June 27, 1982. Backyard, Kabompo River, 110km fr Mwinilunga to Solwezi, Northwestern Prov. Local name Lenga Lenga (Mulengu). Annual. Primitive Cultivar. Seed.

494774. ZFA 3538. Zambia. Latitude: 10 deg S; Longitude: 030 deg E. Collected July 04, 1982. Farmstore, Sampa Farm, 9km N