

Diversity of vegetable crops at AVRDC – The World Vegetable Center - Regional Center for Africa -

Marilyn Belarmino¹, J.D.H. Keatinge²



Active vegetable collection

The active germplasm collection at AVRDC – The World Vegetable Center, Regional Center for Africa contains more than 2000 accessions of indigenous and exotic vegetables originating from 33 African countries. Many accessions are landraces and indigenous varieties in danger of being lost as farmers adopt new high yielding, high value crops.

Crop diversity

Amaranth species in Africa



Different species of African eggplant



Solanum aethiopicum

Solanum macrocarpon

Solanum anguivi

Diversity within *Solanum aethiopicum*



DB3

Tengeru White

MM868

MM1048

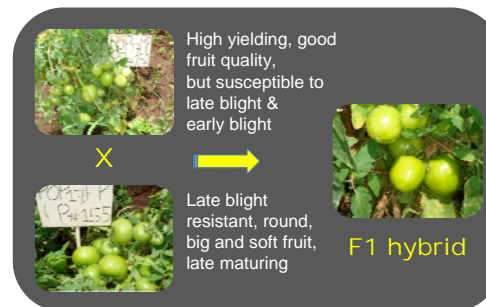
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Evaluating germplasm for desirable horticultural traits

The collection provides vegetable breeders with a diverse genetic base to develop lines with desirable traits, such as pest and disease resistance, adaptation to various agroecologies, high yield, and nutritional quality. Some promising varieties have been selected directly from accessions. At participatory variety trials, farmers rank lines for marketability and other traits.

Germplasm in breeding

Germplasm development for late blight resistance



Late blight and early blight resistant candidate tomato lines



LBR 6

LBR 11

Tomato varieties released from AVRDC germplasm



Kiboko

Meru

Tanya

Tengeru 97

¹AVRDC – The World Vegetable Center, Regional Center for Africa, PO Box 10, Duluti, Arusha, Tanzania
marilyn.belarmino@worldveg.org

²AVRDC – The World Vegetable Center Headquarters, Taiwan