

Germplasm Innovation and Ecological Restoration









































Domesticating African orphan crops

Protection and utilization of African orphan crops and characteristic woody germplasm resources in the dry-hot valley

The African Orphan Crops Consortium is an innovative alliance jointly initiated by the World Agroforestry Center, BGI and African country crops that crucial to rural areas, agriculture, farmers and food culture for genome sequencing, and helps Africa select crop varieties that are more sustainable, more productive and more tolerant to extreme habitats.



Calotropis spp













- . The material of the first physical protection is composed of bolt and galvanized machine-woven metal mesh;
 - . The material of the second anticorrosion protection is composed of proprietary bio viscoelastic:
 - . The third form of protection refers to the comprised of soil habitats, vegetative

ecological restoration of

Vitellaria paradoxa







Improve the success rate of crop introduction We study patterns of growth and change in avocado during its

to provide a basis for its scientific management via pollination, pest



Increase production and providing guidelines It is significance for expanding cultivation, increasing yield and



Analyze nutritional composition

In order to provide data support for its utilization and avoid the avocado and explores its superior quality in comparison to other