Sweetpotato native cultivars diversity in the CGIAR collections:
Finding and filling the gaps

1. The Sweetpotato Diversity Tree is a representation of the structure of the sweet potato genepool obtained by dividing it into hierarchical clusters (Van Treuren et al 2009).

2. Accesions conserved at CIP were mapped onto the groups in the Tree and against the political map of Central and South America, and East Africa.

3. 44% of the end-groups in the Sweetpotato Diversity Tree are well represented in the CIP collection (in terms of coverage of allelic diversity), but 19% are not represented at all.

4. The CIP collection covers well the Southern lineage of the American genepool, while the Northern lineage of the American genepool, and the African genepool are less well represented.

5. How does your national collection complement these CGIAR collections?

Reference

For more information, visit http://bit.ly/sweetpotato-tree or scan the below QR code.