

# Highlights on the Leaf-bud Cutting Technology for Seed Yam Production

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1. Minitubers planted to produce mother plants.
2. Maintenance of mother plants at Hikma Agro Services Ltd, Tamale, Ghana.
3. Plants ready for vine harvest at Strategic Seeds Nig Ltd, Abakaliki, Nigeria
4. Mother plants at IITA GoSeed, Ibadan, Nigeria





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1. Harvesting vines at Nwabudo Agro Seed and Inputs Company Ltd, Umuahia, Nigeria
2. Trainees at Da-Allgreen Seeds Ltd, Kaduna, Nigeria, for their out-growers scheme to use LBC for seed production.
3. Partially harvested mother plants.





- Training on preparing LBCs (1&2).
- Preparing LBCs at Fosuah Food Chain Ltd, Ghana (3) and Nwabudo Agro Seed and Inputs Company Ltd, Umuahia, Nigeria (4).





LBCs can be planted in containers in a screen house (1. IITA, Abuja, Nigeria) or shade house (2. Iribov Ghana Ltd, Ghana)





Planting LBCs at Strategic Seeds Nig Ltd, Abakaliki, Nigeria



Planting LBCs at Da-Allgreen Seeds Ltd, Kaduna, Nigeria. The CEO monitors the process (insert).





Low-cost materials can be used to establish LBCs: Palm fronds and used sacs sewn into a sheet to provide shade (1 & 2), and a Knapsack sprayer to mist the cuttings.





The LBCs start rooting in 8-10 days and produce shoots in about 21 days.





Ten-week-old plants from LBCs at Strategic Seeds Nig Ltd, Abakaliki, Nigeria



Fourteen-week-old plants from LBCs at IITA Station, Abuja, Nigeria





Smaller but more uniform seed tubers are harvested from containers 4-5 months after planting LBCs.





Bigger seeds with more variation in size are harvested from field-planted LBCs after 4-5 months. Tubers are sorted by size before storage