

Initiative of



Knowledge Partner



भारतीय पैकेजिंग संस्थान
Indian Institute of Packaging

PACKAGING SPECIFICATIONS FOR EXPORTS

YAM (*Dioscorea alata*)

ARBI (*Colocasia esculenta*)



YAM - ARBI

DIRECT BULK PACK

Jute Bag

YAM / ARBI 5 kg

Type of Fabric	Hessian
Grammage (g/m ²)	215
Ends/dm (or Porter)	38
Tolerance	+ 2/ -1
Picks/dm (or Shots Per inch)	31
Tolerance	+ 2/ -1
Breaking Load (kgf)	
Warpway	90
Weftway	60
Seam Strength (kgf)	
Bottom Seam	21+ / - 1
Side Seam	25+ / - 1
Stitching	Shall be 10 mm from the edge. The number of stitches per 10 cm shall be between 9 & 11

Note: Wherever tolerances are not indicated the specified value to be considered as minimum value.



Jute Bag

YAM (13 kg.) / ARBI (10 kg.)

Type of Fabric	Hessian
Grammage (g/m ²)	330
Ends/dm (or Porter)	68
Tolerance	+ 4/ -1
Picks/dm (or Shots Per inch)	52
Tolerance	+ 4/ -1
Breaking Load (kgf)	
Warpway	120
Weftway	90
Seam Strength (kgf)	
Bottom Seam	21+ / - 1
Side Seam	25+ / - 1
Stitching	Shall be 10 mm from the edge. The number of stitches per 10 cm shall be between 9 & 11

Note: Wherever tolerances are not indicated the specified value to be considered as minimum value.



Net Bag

YAM (5 kg / 13 kg) / ARBI (5 kg / 10 kg)

Material of Construction	HDPE (High Density Polyethylene) Or PA (Polyamide)
Weight Per Metre Square	45 (Min.)



APEDA and IIP: A Joint Initiative

Packaging is a co-ordinated system of preparing goods for transport, distribution, storage, retailing and end use.

The need for quality packaging for distribution and marketing of food products can hardly be over emphasised. With the thrust on promotion of exports, it is imperative that adequate attention be paid to packaging and logistics.

A comprehensive set of specifications for packaging of fresh fruits and vegetables is essential to help farm producers to effectively market their produce in a safe and cost-effective manner - in the domestic as well as export markets.

The Agricultural and Processed Food Products Export Development Authority (APEDA) and the Indian Institute of Packaging (IIP), have made efforts in the direction of developing packaging standards for fresh fruits, vegetables and as per the international requirements.

The packaging standards drawn up by the IIP would immensely help the exporters in procuring quality packaging materials and ensuring safe delivery of the produce to the destination markets.



कृषि और प्रसंस्कृत खाद्य उत्पादन निर्यात विकास प्राधिकरण

(वाणिज्य मंत्रालय, भारत सरकार)

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Specifications developed by IIP for APEDA



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