

24 April 2024

Innovations Session N°18

Innovations in packaging: opportunities for African entrepreneurs and SMEs

INNOVATIONS"
SERIES







Cardboard boxes for packaging: The case of avocados in Kenya By Tom Owuor

A combination of bad packaging and poor cold chain management yields in a bad fruit in the shelves





It all begins from the farm

Fresh fruit at the farm



Poor harvesting techniques leads to a bad fruit



Crates as transport packaging materials

Crates are used to collect fruits from the farm



Reducing the field heat on arrival at the packing house



Washing and waxing at the packing house

Washing-quality of the water Waxing matters







Sorting and Grading

Selection of the primary packaging material is important

10 Kg plastic packaging material

4 Kg cardboard packaging material







Bulk packaging - palletization of the fruits

The palletization process



Complete Pallet



What happens at the cold room?

Doubling of the transit time due to conflicts at the red sea has seen us freeze @ 8 degrees Celsius for between 12 to 24 hours previously done for 8 hours



Stuffing the Refer Container

Refer disinfection

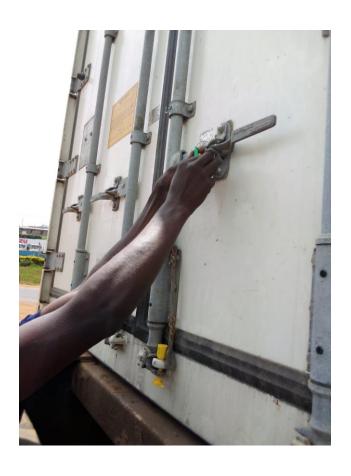


The Stuffing Process



Insert the temperature logger and seal

Putting the seal



Ensure the container is tightly closed



The herbs



Lemon Grass

Lemon Grass neatly packaged Lemon Grass before sealing





Lemon Grass in a sealed package



Thin plastic film alongside cardboard box

Mint



Mint





Thank you!

E-mail- info@direnepackaging.com

Tel. +254710603641



This event was organised by the Fit For Market Plus programme, implemented by COLEAD within the framework of Development cooperation between the Organisation of African, Caribbean and Pacific States (OACPS), and the European Union (EU).

This publication has been produced with the financial support of the EU and the OACPS. Its contents are the sole responsibility of COLEAD and can under no circumstances be regarded as reflecting the position of the EU or the OACPS.

