



# SWEET POTATO

**Nutrition security crop** that provides an alternative food source when major highly dependable food crops such as maize, rice, and potatoes fail, especially due to drought.



Improve soil fertility



Reduces soil erosion



Feed for dairy animals



More high quality milk

## PRODUCTION LOCATIONS

Sweet potatoes in Kenya are produced in:



Rift Valley



Lake region leading in production



Central Kenya



Coastal Kenya

Production is dominantly small scale



It is both for subsistence and income



Is produce individually or collectively



## PRODUCTION AND PRODUCERS FACTS



Producers are mainly women

## CONSUMPTION

Sweet potato roots, vines, and leaves are utilized in many ways in Kenya.

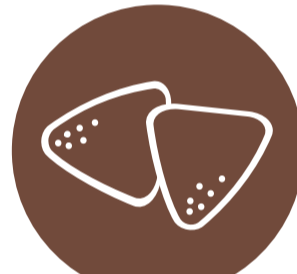
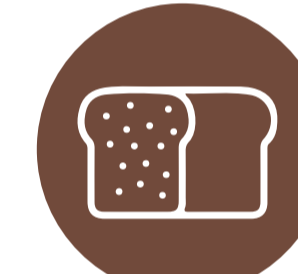
They are consumed whole either boiled, roasted, deep fried, or mixed with food products such as cooked beans and maize; or mashed and consumed as a complete meal.



**The roots** can be made into chips, crisps or dried and ground into flour.



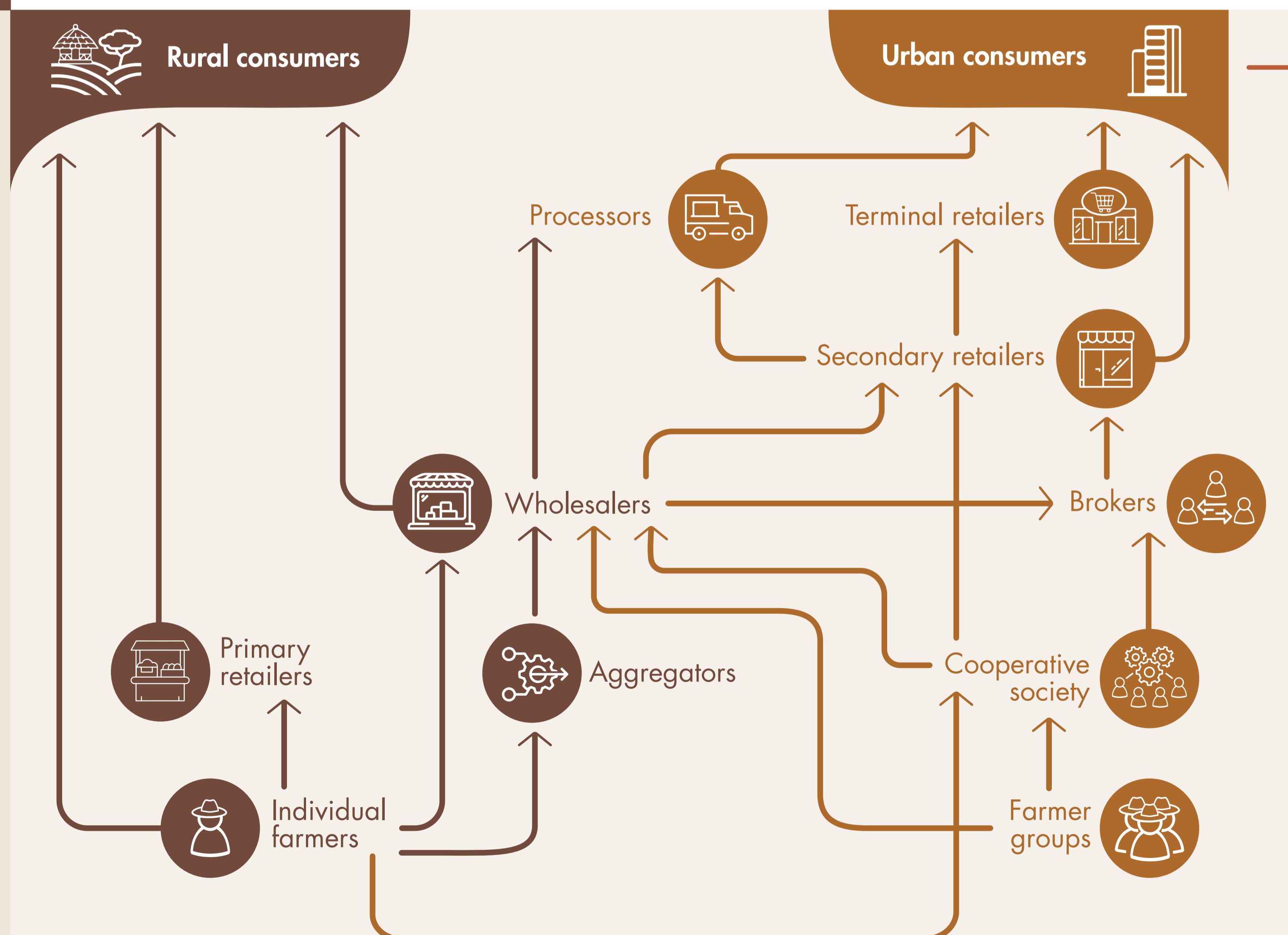
**The flour** can be composited with wheat flour to make a wide range of products including bread, cakes, biscuits, "mandazi", doughnuts, "chinchin", crackies, "chapatis" and "uji" or "ugali"



# THE SWEET POTATO VALUE CHAIN

WITH ITS MAIN CHARACTERS, SERVICE DELIVERY ACTORS AND EXTERNAL INFLUENCES.

Some of the challenges experienced across the sweet potato value chain in Kenya are at the same time causes of postharvest losses. Lack of storage facilities experienced across the entire chain is a key contributor to postharvest losses since sweet potato is perishable and has a shelf life of a little more than a week. But the chain also faces production and marketing constraints.



Government policy  
Environment  
Research and development

Financing/credit  
NGOs  
Cooperatives  
Government

Transport  
Motorbikes  
Donkeys  
Bicycles  
Lorries, etc.

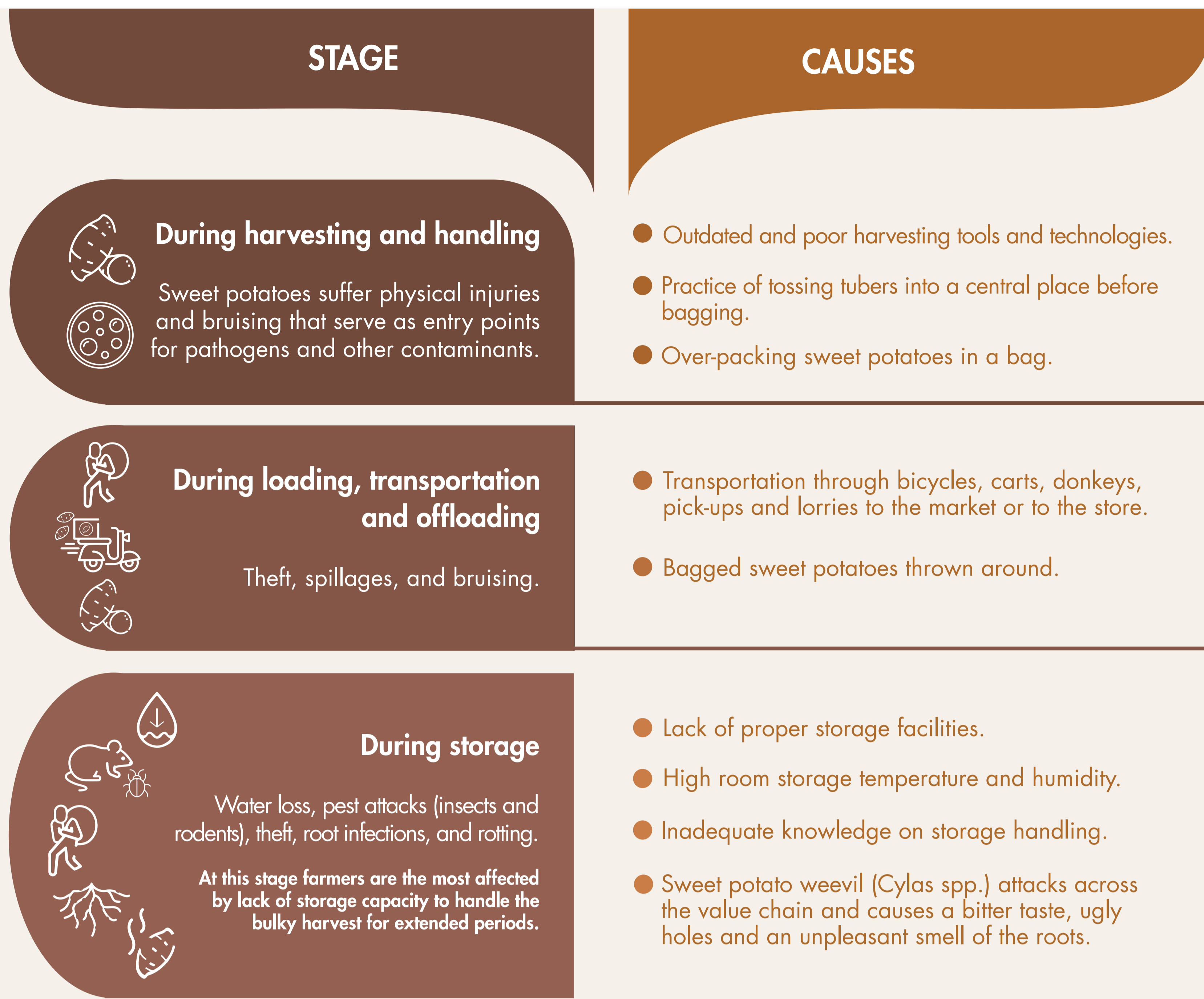
Seed & Extension  
MOALF  
County  
NGO  
Agrodealers



# STRATEGIES FOR POSTHARVEST LOSS REDUCTION IN SWEET POTATO VALUE CHAIN

Postharvest losses in the sweet potato value chain in Kenya occur cumulatively at different stages between harvest and final consumption.

This infographic shows the postharvest losses that occur on the farm, arranged according to three stages: during harvesting and handling; during transportation; and during storage. And it also shows strategies to reduce these postharvest losses to improve food and nutrition security.



## STRATEGIES

