

# YAM EXPORTS- MINIMIZING POINT OF ENTRY INTERCEPTIONS

Yam Forum UWI



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15/07/2014

# Yam Exports

Year	Volume (Kg)	Cost \$US
2013	8,977,632.89	23,194,154.21
2012	10,425,469.31	20,883,905.26
2011	8,644,418.83	27,725,377.70
2010	10,604,045.21	20,830,578.31

## Shipments to USA

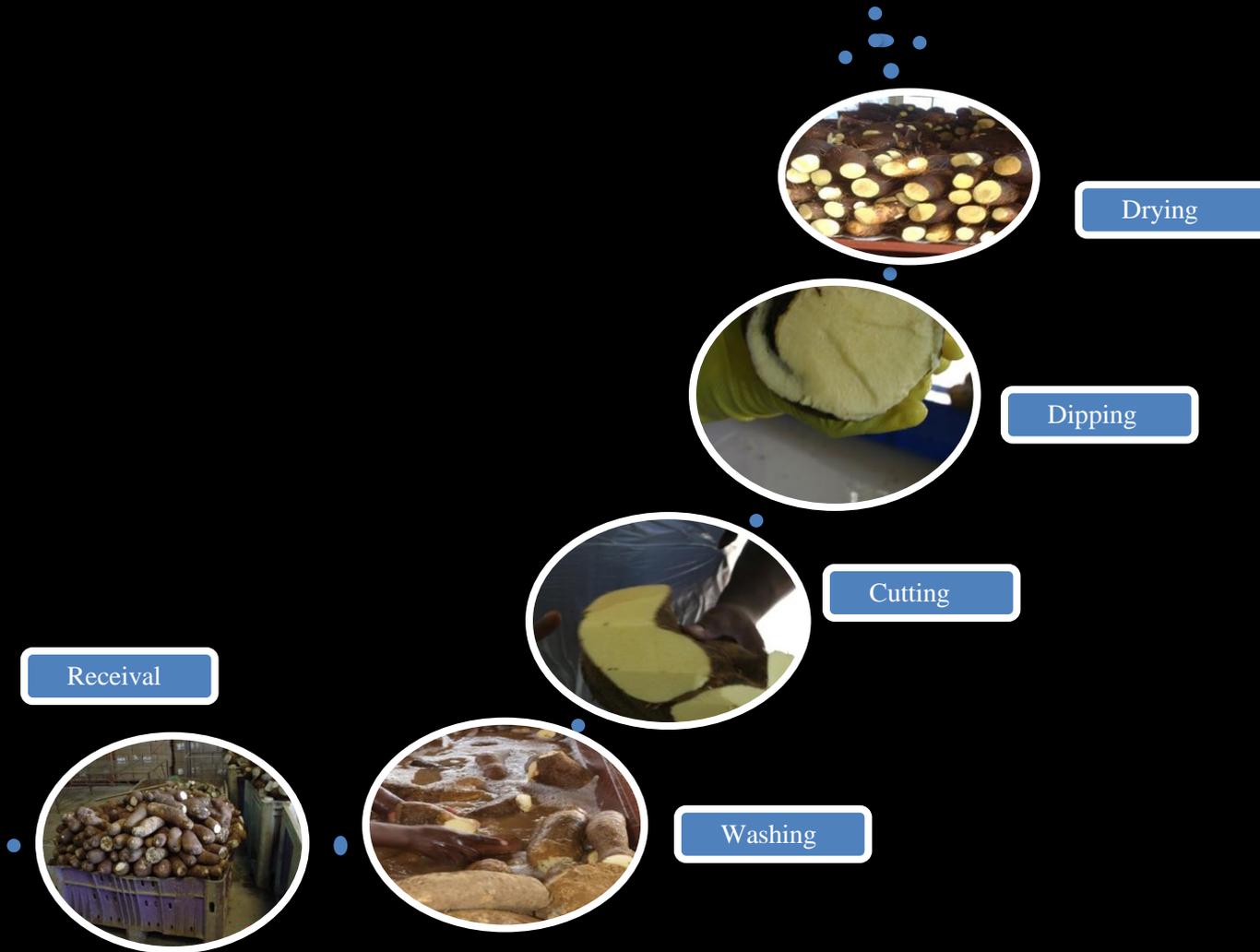
Year	Value	
2012	15,624,215.12	
2013	15,807,194.96	

# Point of Entry Interceptions

- Yams are exported to the USA under a preclearance arrangement...
- USFDA inspects randomly for food safety violations
- Yams Rejections USA, see next slide
- ❖ The cost of one rejected container of yams is approximately \$ US 55,000.00

Origin	Date	Product	Code	Explanation
Jamaica	03-Dec	YAMS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	02-Dec	NEGRO YAMS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	02-Dec	FRESH YELLOW YAMS 810 BOXES	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	02-Dec	FRESH NEGRO YAMS 100 BOXES	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	02-Dec	YAM	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	01-Dec	YAMS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	01-Dec	NEGRO YAMS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	01-Dec	YELLOW YAMS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	01-Dec	YAMS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	01-Dec	FRESH YAMS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	12-Nov	YELLOW YAMS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	12-Nov	YAM(SWEET POTATO)	USUAL NAME, PESTICIDE	It appears that the label does not bear the common or usual name of the food.; The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	12-Nov	YAMS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	10-Nov	YAMS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	06-Nov	YELLOW YAMS, FRESH	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).
Jamaica	01-Nov	FRESH YELLOW YAMS 960 CARTONS	PESTICIDE	The article appears to be a raw agricultural commodity that bears or contains a pesticide chemical which is unsafe within the meaning of section 408(a).

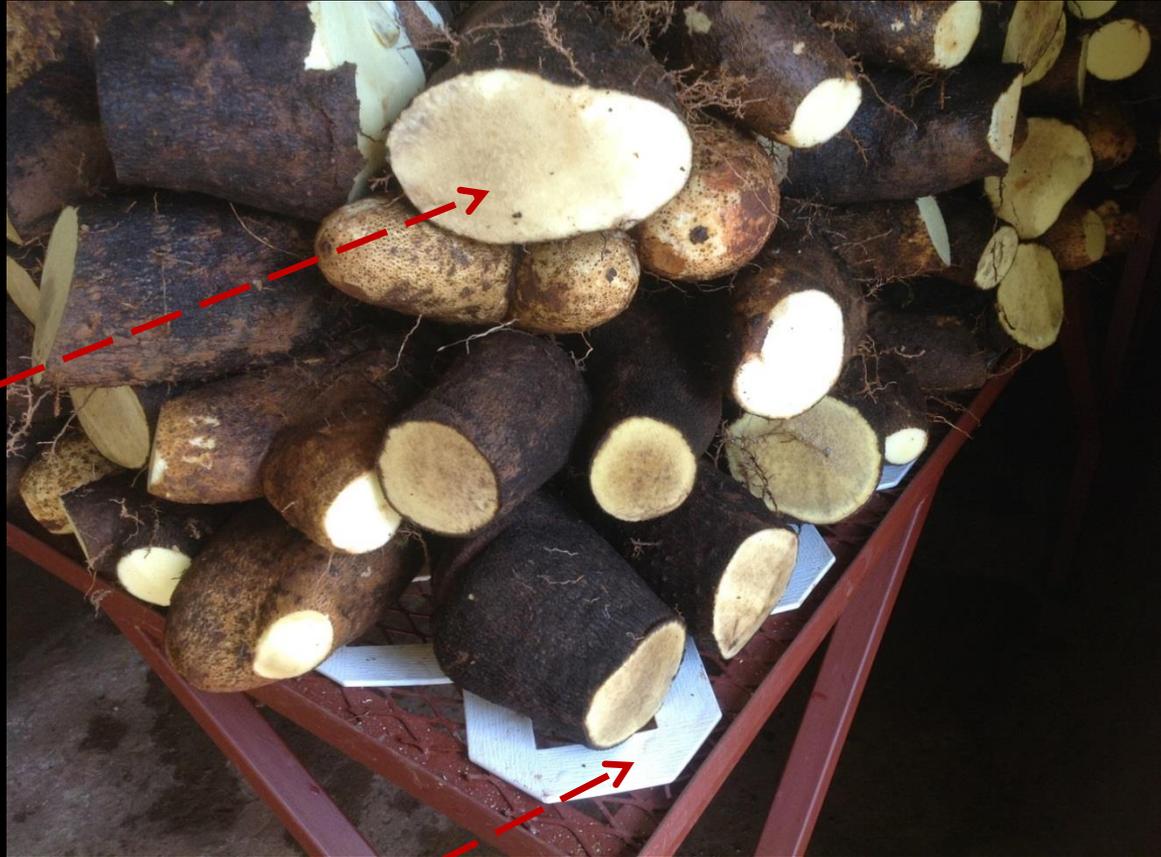
# The Process



# Chemical treatment



# Stacked for drying



Clean cut

Non wood material

# Treatment Schedule

<b>Fungicide</b>	<b>BOTRAN 75WP (a.i.dicloran)</b>		
<b>Volume of tank used for post- harvest treatment</b>	<b>Mild 200 ppm</b>	<b>Medium 400 ppm</b>	<b>Strong 600 ppm</b>
<b>1 gallon (4.55 L)</b>	<b>1.2 Grams (g)</b>	<b>2.4 Grams (g)</b>	<b>3.6 Grams (g)</b>

## Note:

USA standard for Botran (Dicloran) tolerance is **10 ppm or 10mg/l**

\* Other approved chemicals are Decasol and Calcium hypochlorite

# Considerations for Rejections

PPM higher than 10

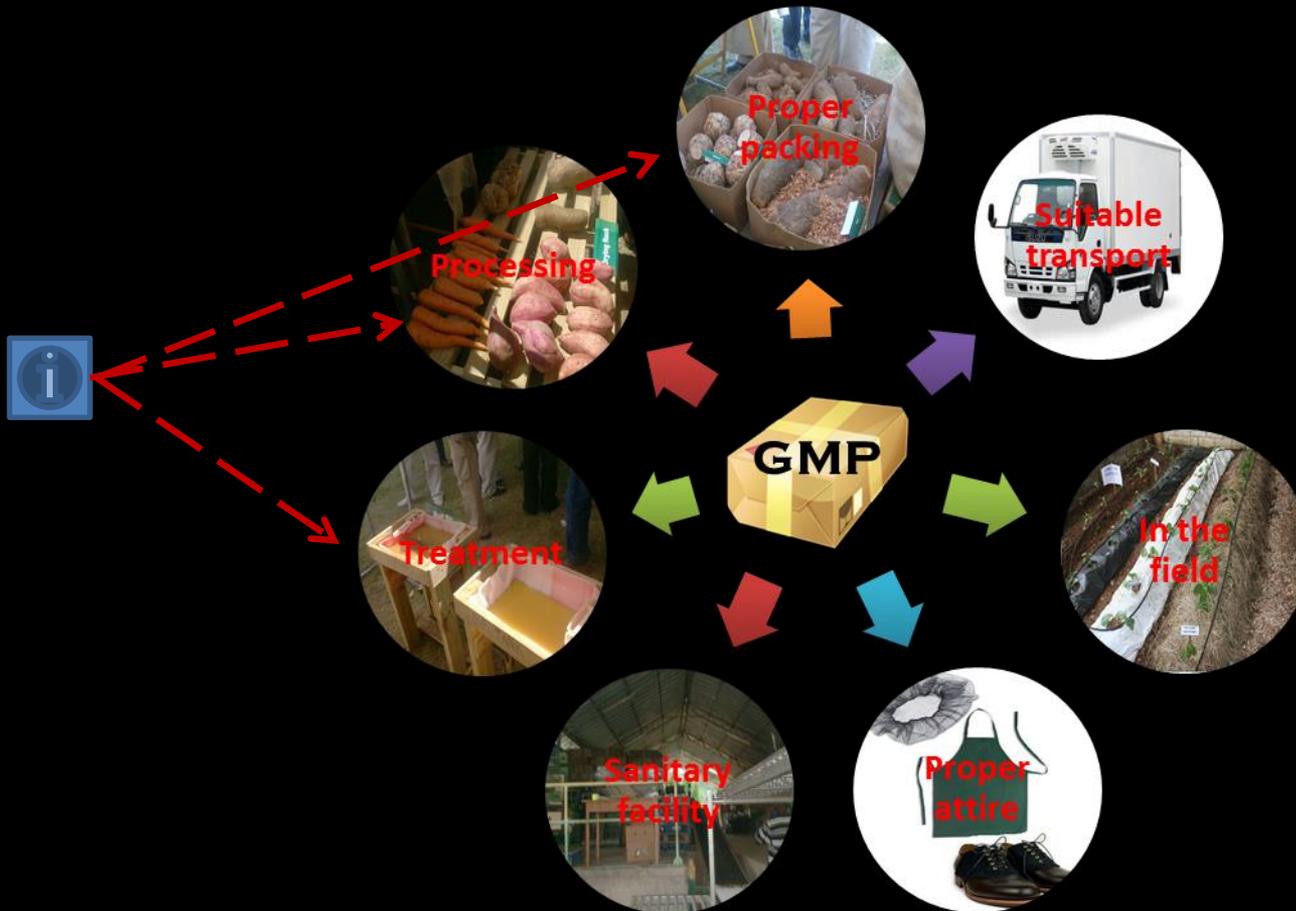
- Incorrect mixing rate
- Longer than recommended dip dwell time
- Incorrect drying surface
- Layering of wet yams

# Considerations for Rejections

- Using incorrect chemical
- Using a chemical cocktail

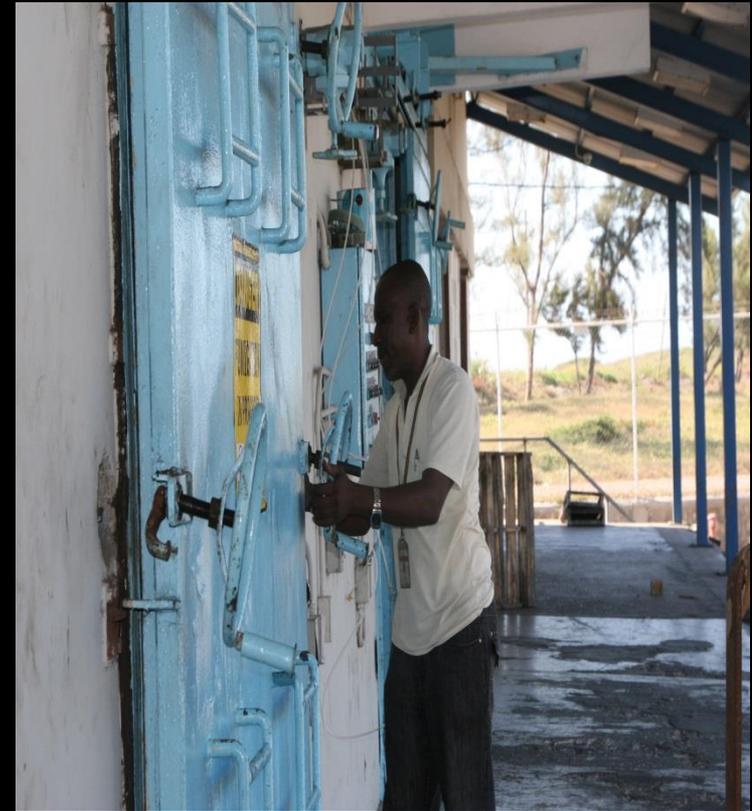
# Addressing the Problem

Plant Quarantine GMP training



# Ready for Export

- Packed for treatment
- Fumigation



The end