

Supplement to:

Journal of Agriculture and Rural Development in the Tropics and Subtropics

Vol. 125 No. 2 (2024) 247–258 | <https://doi.org/10.17170/kobra-2024121610771>



**Market participation and profitability of small scale garri processing
in Edo, Ogun and Oyo States, Nigeria**

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APPENDIX 1

Processing Technologies Used in Garri Processing by States

Operations	Method	EDO	OGUN	OYO	POOLED	χ^2 Value
PEELING	Manual	99 (99.0)	99 (99.0)	94 (100.0)	292 (99.3)	1.0
	Peeling Machine	-	03 (3.%)	-	03 (1.0)	5.8
Washing	Manual	98 (98.0)	84 (84.0)	68 (72.3)	250 (85.3)	25.2***
	Mechanical washer	-	-	-	-	-
Grating	Manual Grating	16 (16.0)	-	10 (10.6)	26 (8.8)	16.4***
	Rasper Grater	94 (94.0)	04 (4.0)	48 (51.1)	146 (49.7)	162.1***
	Hammer Mill	01 (1.1)	66 (86.8)	02 (4.2)	69 (31.7)	164.4***
Fermentation	Standing Rack	4 (4.0)	22 (22.0)	23 (24.5)	49 (16.7)	17.7***
	Open Floor	41 (41.0)	55 (55.0)	73 (77.7)	169 (57.5)	27.0***
Pressing	Stone Press	39 (39.0)	13 (13.1)	03 (3.33)	55 (19.0)	42.5***
	Screw Press	2 (2.0)	42 (42.0)	31 (34.4)	75 (25.9)	46.7***
	Horizontal Hydraulic Press	-	16 (16.5)	06 (6.4)	22 (7.6)	19.3***
	Vertical Hydraulic Press use	60 (60.0)	01 (1.0)	67 (74.4)	128 (44.3)	118.3***
Pulverization	Manual Sieve (Rafia sieve)	89 (89.0)	63 (63.6)	15 (17.1)	167 (58.2)	101.5***
	Rotary sieving machine	-	-	-	-	-
	Rasper grater	94 (94.0)	04 (4.0)	48 (51.1)	146 (49.7)	162.1***
Frying	Open air manual frying	82 (82.0)	69 (70.4)	65 (75.7)	216 (74.5)	4.53
	Rotary drum fryer	4 (4.0)	3 (3.1)	-	7 (2.4)	3.5
	Brazilian drum fryer	-	01 (1.0)	-	1 (0.3)	1.9
Sieving	Manual	73 (73.7)	58 (60.4)	76 (81.7)	207 (71.9)	10.9**

Values in parentheses are percentages. ***Significant at $P < 0.01$, ** $P < 0.05$

