

CIRAD234 (CITOYENNE)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Guadeloupe
Origin centre code	CIRAD234
Supplier	CIRAD
CIRAD code	CIRAD234 (4638???)
DOI	n.d.
Year of introduction	2021
Evaluation period	2022-2025

Variety strengths:

- Good yield
- Tolerance to rust
- Good cooking quality
- No storage rot (1 month)

DESCRIPTION

ABOVE-GROUND PARTS

Stem	Bulbils	None
	Colour	Green
Leaf	Shape	Hastate
	Texture	Soft
Petiole	Colour	Green



BELOW-GROUND PARTS

Tuber	Flesh appearance	Granular
	Flesh colour	Yellowish or off-white
	Roots	High
Skin	Thickness	Medium
	Phelloderm	Purple

QUALITY

Storage rot (1 month)	None
Flesh colour	Yellowish or off-white
Cooking oxidation	None
Boiled quality	Good

Evaluation sites in Guadeloupe



- Roujol (Petit-Bourg)
- Godet (Petit-Canal)

PERFORMANCE

NOTE: all data below were obtained at experimental stations (Roujol, Godet). They reflect the variety's performance under station growing conditions.

DISEASES

Anthracnose

Level **Moderately susceptible**

Rust

Level

Tolerant

Is the cassava ant a threat to this variety? ☐ Yes ☒ No

EMERGENCE AND GROUND COVER

Germination rate **88 %**
Emergence time **26 days**
Cycle length (emergence → senescence) **5.5 months - short (<6 months)**

Ground cover at 1 month



YIELD

Potential yield **27.3 t/ha**
Mean tubers per plant **1.5**
Consistency profile ☐ Stable ☐ Not stable

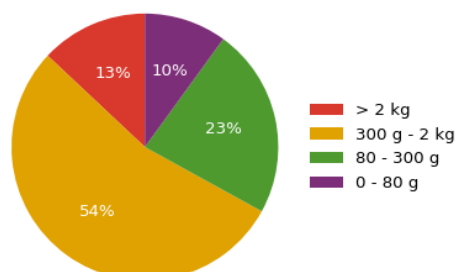
Potential yield by site and year



SIZE GRADE

Mean tuber weight

0.8 kg



Data sheet online on YamHub

