

CIRAD53 (1247)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Ghana
Origin centre code	TDa-1247
Supplier	IITA
CIRAD code	1247
DOI	n.d.
Year of introduction	2022
Evaluation period	2022-2025

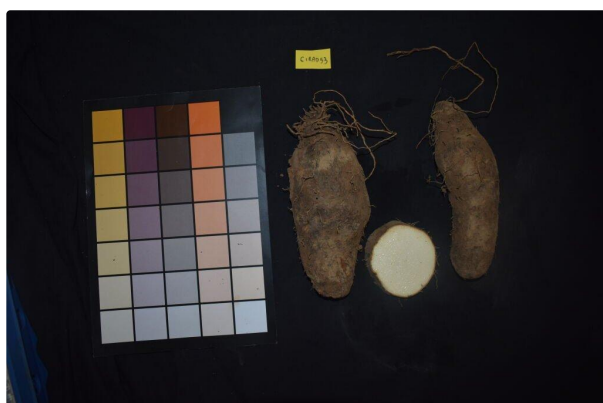
Variety strengths:

- Tolerance to anthracnose and to rust
- Fair cooking quality
- No storage rot (1 month)

DESCRIPTION

ABOVE-GROUND PARTS

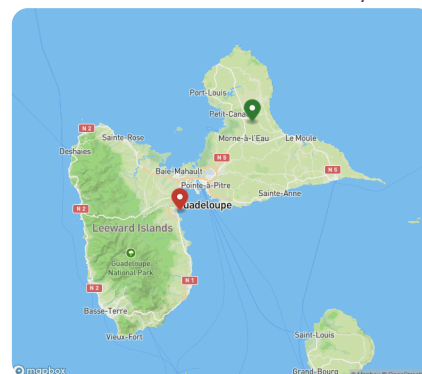
Stem	Bulbils	n.d.
	Colour	n.d.
Leaf	Shape	n.d.
	Texture	n.d.
Petiole	Colour	n.d.

**BELOW-GROUND PARTS**

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

QUALITY

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

Evaluation sites in Guadeloupe

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

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

DISEASES

Anthracnose

Level

Tolerant

Rust

Level

Tolerant

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

EMERGENCE AND GROUND COVER

Germination rate

n.d.

Emergence time

n.d.

Cycle length (emergence → senescence)

n.d.

Ground cover at 1 month



YIELD

Potential yield

21.1 t/ha

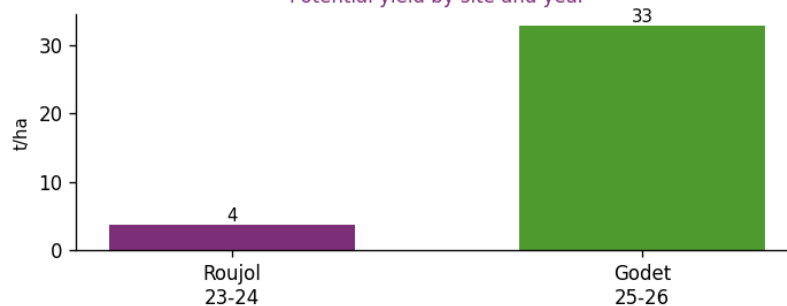
Mean tubers per plant

0.8

Consistency profile

☐ Stable ☐ Not stable

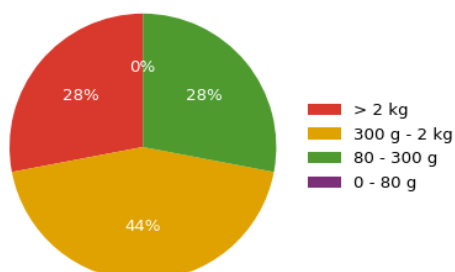
Potential yield by site and year



SIZE GRADE

Mean tuber weight

1.3 kg



Data sheet online on YamHub

