

CIRAD30 (4046)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Bénin
Origin centre code	TDa-4046
Supplier	IITA
CIRAD code	4046
DOI	10.18730/JB3EP
Year of introduction	2022
Evaluation period	2022-2025

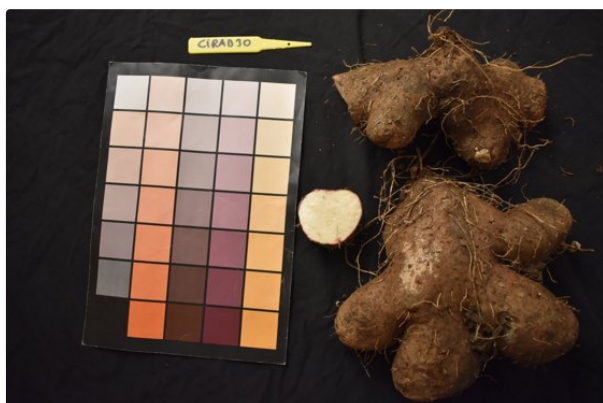
Variety strengths:

- Suited to Guadeloupe conditions
- Evaluated at experimental stations (Roujol, Godet)

DESCRIPTION

ABOVE-GROUND PARTS

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



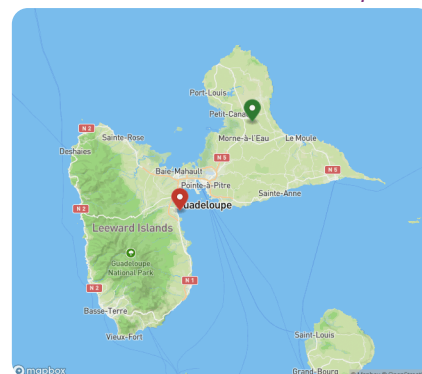
BELOW-GROUND PARTS

Tuber	Flesh appearance	Granular
	Flesh colour	Yellowish or off-white
	Roots	Low
Skin	Thickness	Medium
	Phelloderm	Light purple

QUALITY

Storage rot (1 month)	High
Flesh colour	Yellowish or off-white
Cooking oxidation	Present
Boiled quality	n/a

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 **Moderately susceptible**

Rust

Level **n.d.**

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.**

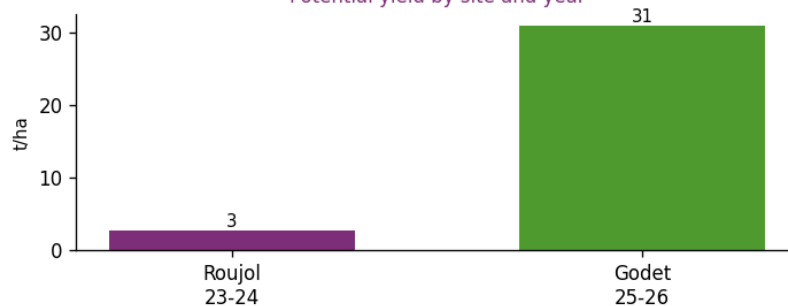
Ground cover at 1 month



YIELD

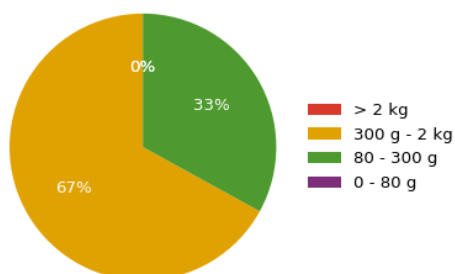
Potential yield **21.8 t/ha**
Mean tubers per plant **0.6**
Consistency profile ☐ Stable ☐ Not stable

Potential yield by site and year



SIZE GRADE

Mean tuber weight **1.0 kg**



Data sheet online on YamHub

