

CIRAD12 (3764)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Nigéria
Origin centre code	TDa-3764
Supplier	IITA
CIRAD code	3764
DOI	10.18730/JAY40
Year of introduction	2022
Evaluation period	2022-2025

Variety strengths:

- Tolerance to rust
- Suited to Guadeloupe conditions

DESCRIPTION

ABOVE-GROUND PARTS

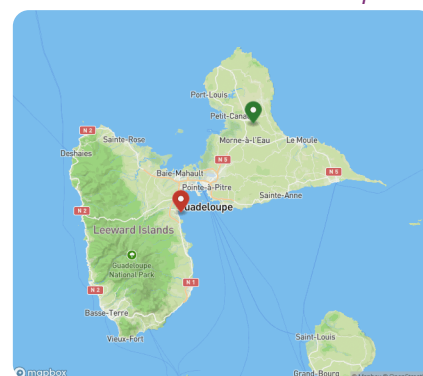
Stem	Bulbils	Present
	Colour	Purplish green
Leaf	Shape	Elongated sagittate
	Texture	Soft
Petiole	Colour	Fully green with both ends purple

**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	None
Boiled quality	n/a

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

89 %

Emergence time

25 days

Cycle length (emergence → senescence)

5.7 months - short (<6 months)

Ground cover at 1 month



YIELD

Potential yield

17.3 t/ha

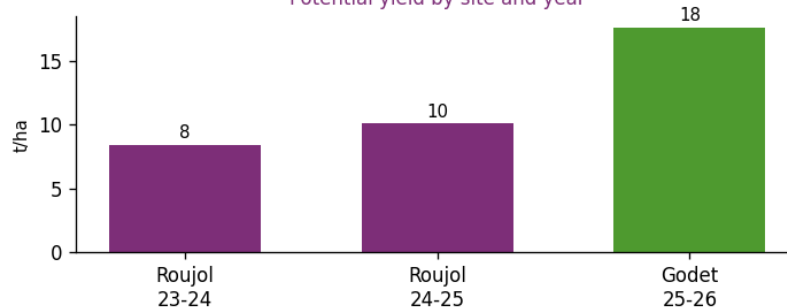
Mean tubers per plant

1.1

Consistency profile

☐ Stable ☐ Not stable

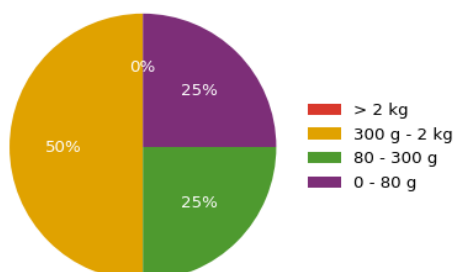
Potential yield by site and year



SIZE GRADE

Mean tuber weight

0.5 kg



Data sheet online on YamHub

