

CIRAD20 (4948)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Bénin
Origin centre code	TDa-4948
Supplier	IITA
CIRAD code	4948
DOI	10.18730/JBX3X
Year of introduction	2022
Evaluation period	2022-2025

Variety strengths:

- Tolerance to rust
- Fair cooking quality

DESCRIPTION

ABOVE-GROUND PARTS

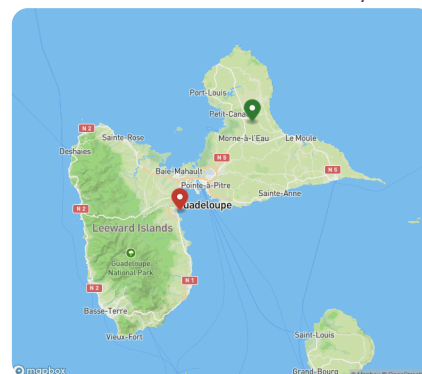
Stem	Bulbils	None
	Colour	Green
Leaf	Shape	Elongated sagittate
	Texture	Soft
Petiole	Colour	Fully green with both ends purple

**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	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

Susceptible

Rust

Level

Tolerant

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

EMERGENCE AND GROUND COVER

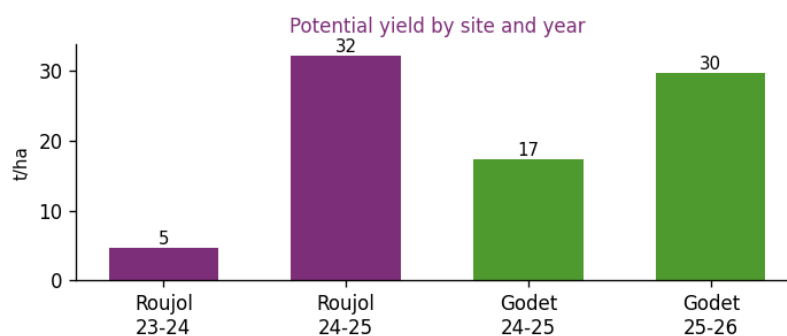
Germination rate **86 %**
 Emergence time **21 days**
 Cycle length (emergence → senescence) **5.4 months - short (<6 months)**

Ground cover at 1 month



YIELD

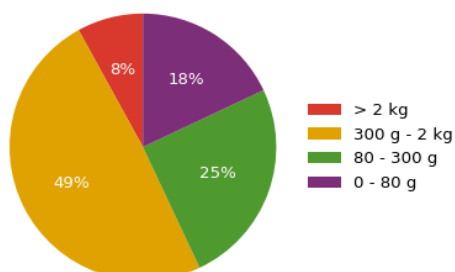
Potential yield **21.9 t/ha**
 Mean tubers per plant **1.5**
 Consistency profile ☐ Stable ☐ Not stable



SIZE GRADE

Mean tuber weight

0.7 kg



Data sheet online on YamHub

