

CIRAD78 (AIA 445)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Nigéria
Origin centre code	CRB25
Supplier	CRB
CIRAD code	CRB25
DOI	n.d.
Year of introduction	2023
Evaluation period	2022-2025

Variety strengths:

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

DESCRIPTION

ABOVE-GROUND PARTS

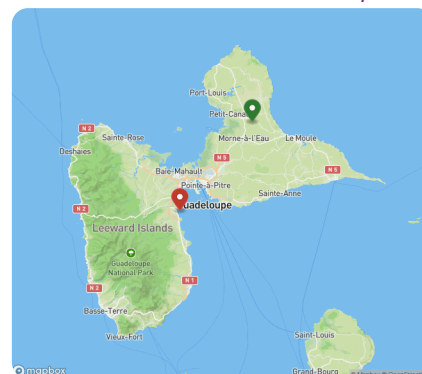
Stem	Bulbils	None
	Colour	Green
Leaf	Shape	Elongated cordate
	Texture	Soft
Petiole	Colour	Fully green with both ends purple

**BELOW-GROUND PARTS**

Tuber	Flesh appearance	Smooth
	Flesh colour	White
	Roots	Low
Skin	Thickness	Medium
	Phelloderm	White

QUALITY

Storage rot (1 month)	None
Flesh colour	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 **92 %**
 Emergence time **23 days**
 Cycle length (emergence → senescence) **5.4 months - short (<6 months)**

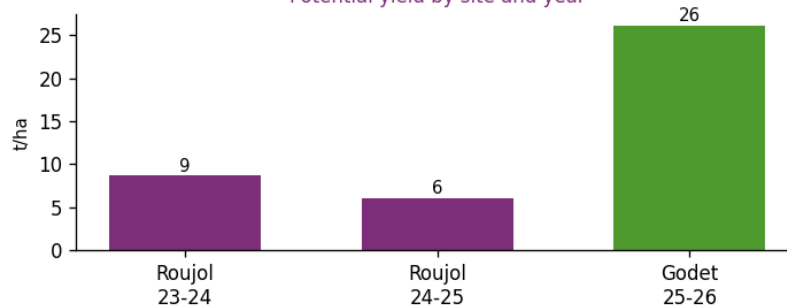
Ground cover at 1 month



YIELD

Potential yield **17.7 t/ha**
 Mean tubers per plant **1.1**
 Consistency profile ☐ Stable ☐ Not stable

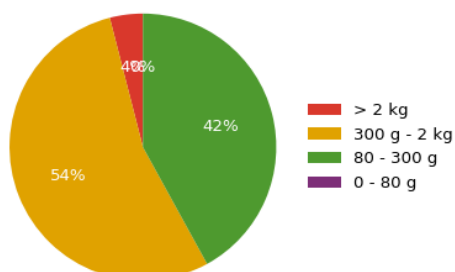
Potential yield by site and year



SIZE GRADE

Mean tuber weight

0.7 kg



Data sheet online on YamHub

