

CIRAD37 (BENINE)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Togo
Origin centre code	TDa-1006
Supplier	IITA
CIRAD code	1006
DOI	10.18730/J9807
Year of introduction	2022
Evaluation period	2022-2025

Variety strengths:

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

DESCRIPTION

ABOVE-GROUND PARTS

Stem	Bulbils	Present
	Colour	Purplish green
Leaf	Shape	Broad sagittate
	Texture	Soft
Petiole	Colour	Green



BELOW-GROUND PARTS

Tuber	Flesh appearance	Smooth
	Flesh colour	Yellowish or off-white
	Roots	Low
Skin	Thickness	Thick
	Phelloderm	White

QUALITY

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

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

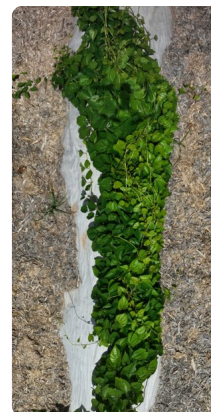
Tolerant

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

EMERGENCE AND GROUND COVER

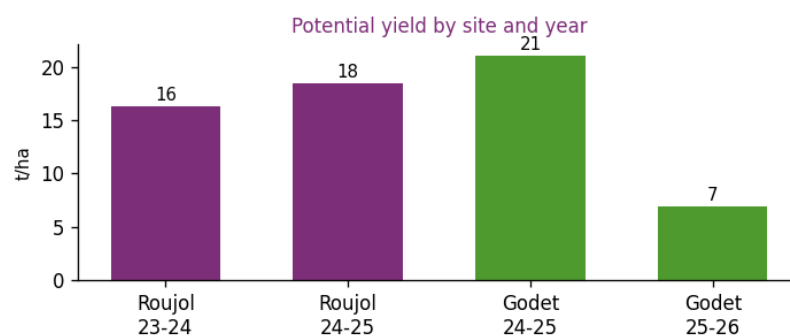
Germination rate **92 %**
 Emergence time **23 days**
 Cycle length (emergence → senescence) **6.1 months - long (6-9 months)**

Ground cover at 1 month



YIELD

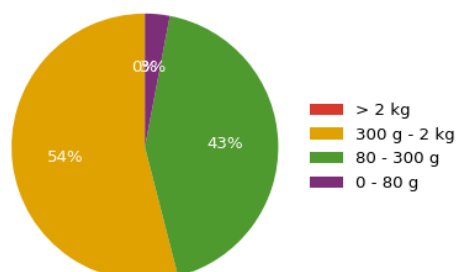
Potential yield **16.6 t/ha**
 Mean tubers per plant **1.2**
 Consistency profile ☐ Stable ☐ Not stable



SIZE GRADE

Mean tuber weight

0.5 kg



Data sheet online on YamHub

