

CIRAD42 (PAK-LA)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Nigéria
Origin centre code	TDa-3762
Supplier	IITA
CIRAD code	3762
DOI	10.18730/JAY2=
Year of introduction	2022
Evaluation period	2022-2025

Variety strengths:

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

DESCRIPTION

ABOVE-GROUND PARTS

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



BELOW-GROUND PARTS

Tuber	Flesh appearance	Granular
	Flesh colour	White with purple
	Roots	Low
Skin	Thickness	Thick
	Phelloderm	Light purple

QUALITY

Storage rot (1 month)	None
Flesh colour	White with purple
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

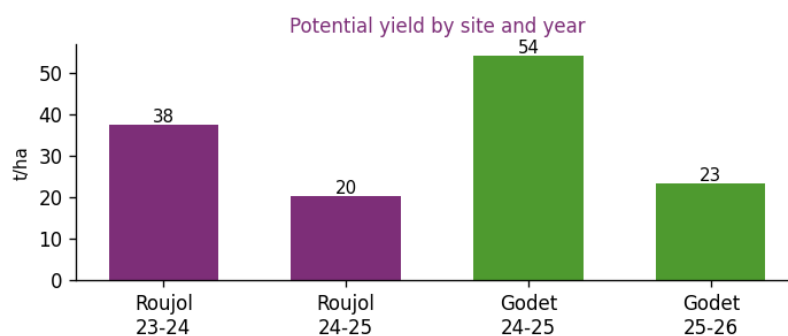
Germination rate **86 %**
 Emergence time **25 days**
 Cycle length (emergence → senescence) **5.8 months - short (<6 months)**

Ground cover at 1 month



YIELD

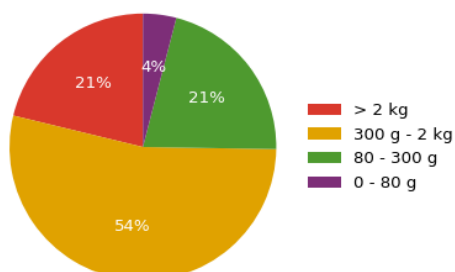
Potential yield **33.9 t/ha**
 Mean tubers per plant **1.4**
 Consistency profile ☐ Stable ☐ Not stable



SIZE GRADE

Mean tuber weight

1.3 kg



Data sheet online on YamHub

