

CIRAD4 (3168)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Inde
Origin centre code	TDa-3168
Supplier	IITA
CIRAD code	3168
DOI	10.18730/J8NYN
Year of introduction	2022
Evaluation period	2022-2025

Variety strengths:

- Good yield
- Tolerance to anthracnose
- Fair cooking quality

DESCRIPTION

ABOVE-GROUND PARTS

Stem	Bulbils	None
	Colour	Green
Leaf	Shape	Elongated cordate
	Texture	Leathery
Petiole	Colour	Green



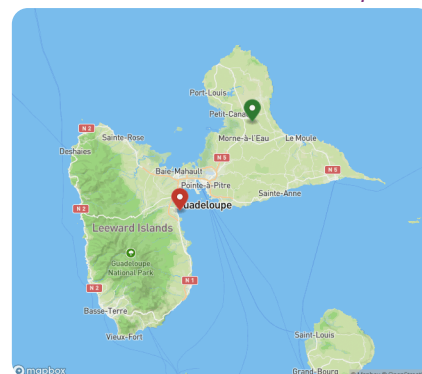
BELOW-GROUND PARTS

Tuber	Flesh appearance	Granular
	Flesh colour	Orange
	Roots	Low
Skin	Thickness	Thick
	Phelloderm	Yellowish or off-white

QUALITY

Storage rot (1 month)	High
Flesh colour	Orange
Cooking oxidation	Present
Boiled quality	Medium

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

Tolerant

Rust

Level

n.d.

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

EMERGENCE AND GROUND COVER

Germination rate **60 %**
 Emergence time **50 days**
 Cycle length (emergence → senescence) **6.1 months - long (6-9 months)**

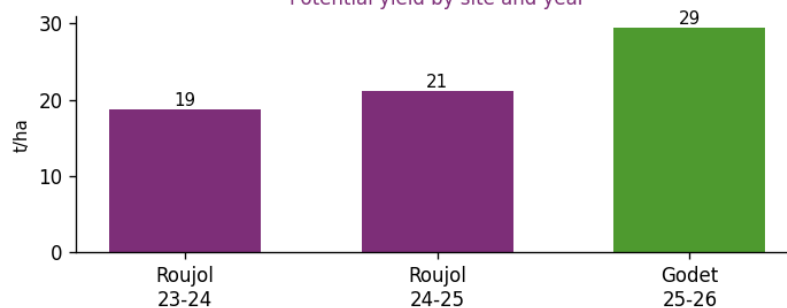
Ground cover at 1 month



YIELD

Potential yield **26.4 t/ha**
 Mean tubers per plant **2.3**
 Consistency profile ☐ Stable ☐ Not stable

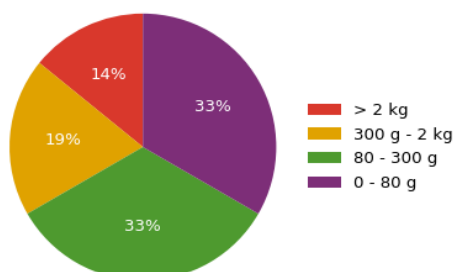
Potential yield by site and year



SIZE GRADE

Mean tuber weight

0.7 kg



Data sheet online on YamHub

