

CIRAD39 (1186)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Bénin
Origin centre code	TDa-1186
Supplier	IITA
CIRAD code	1186
DOI	n.d.
Year of introduction	2022
Evaluation period	2022-2025

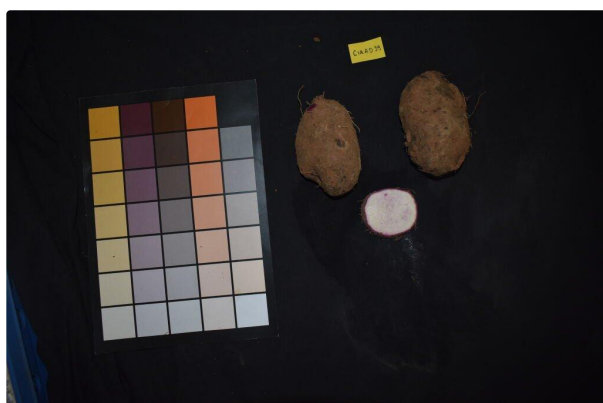
Variety strengths:

- Tolerance to rust
- No storage rot (1 month)

DESCRIPTION

ABOVE-GROUND PARTS

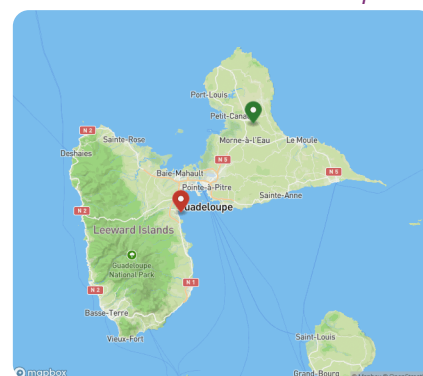
Stem	Bulbils	None
	Colour	Purplish green
Leaf	Shape	Cordate
	Texture	Soft
Petiole	Colour	Fully green with both ends purple

**BELOW-GROUND PARTS**

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

QUALITY

Storage rot (1 month)	None
Flesh colour	White with purple
Cooking oxidation	None
Boiled quality	n/a

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 **Moderately susceptible**

Rust

Level

Tolerant

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

EMERGENCE AND GROUND COVER

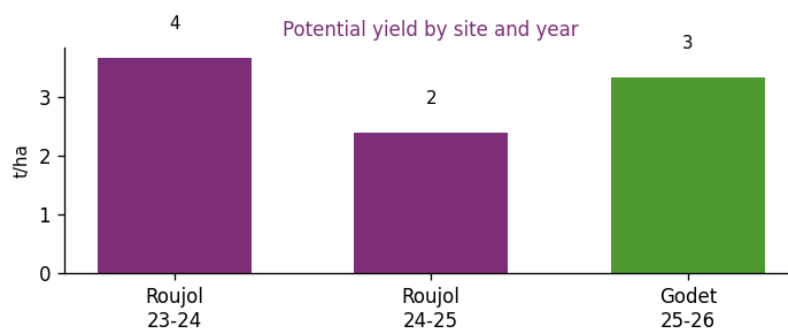
Germination rate **87 %**
 Emergence time **24 days**
 Cycle length (emergence → senescence) **5.5 months - short (<6 months)**

Ground cover at 1 month



YIELD

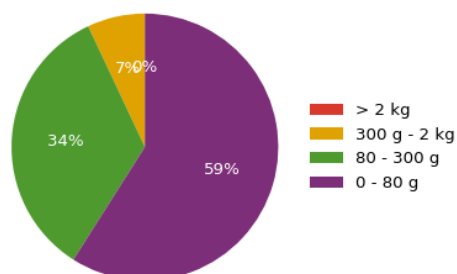
Potential yield **11.9 t/ha**
 Mean tubers per plant **1.2**
 Consistency profile ☐ Stable ☐ Not stable



SIZE GRADE

Mean tuber weight

0.1 kg



Data sheet online on YamHub

