

CIRAD19 (FUTILE)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Bénin
Origin centre code	TDa-4926
Supplier	IITA
CIRAD code	4926
DOI	10.18730/JBWD7
Year of introduction	2022
Evaluation period	2022-2025

Variety strengths:

- Good yield
- Tolerance to rust

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

QUALITY

Storage rot (1 month)	n.d.
Flesh colour	White
Cooking oxidation	None
Boiled quality	Low

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

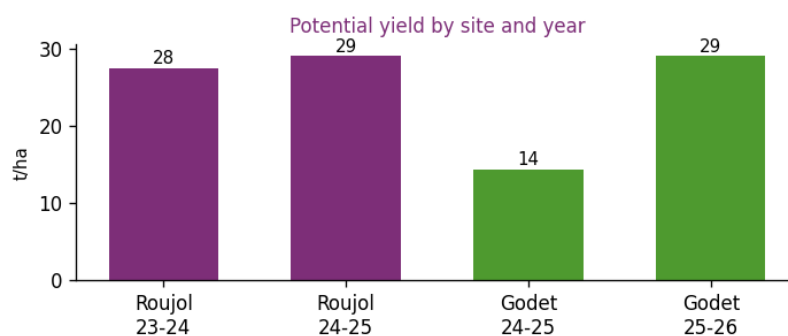
Germination rate **84 %**
 Emergence time **30 days**
 Cycle length (emergence → senescence) **5.5 months - short (<6 months)**

Ground cover at 1 month



YIELD

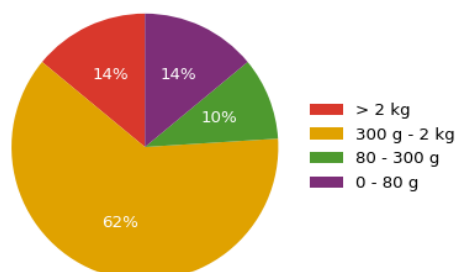
Potential yield **27.3 t/ha**
 Mean tubers per plant **1.4**
 Consistency profile ☐ Stable ☐ Not stable



SIZE GRADE

Mean tuber weight

1.0 kg



Data sheet online on YamHub

