

CIRAD228 (Assam)

Edition: 2026

IDENTITY

Species	<i>Dioscorea esculenta</i>
Origin	Porto Rico
Origin centre code	CRB389
Supplier	CRB
CIRAD code	CRB389
DOI	n.d.
Year of introduction	2024
Evaluation period	2022-2025

Variety strengths:

- Good yield
- Tolerance to anthracnose and to rust
- No storage rot (1 month)
- Appreciated by farmers

DESCRIPTION

ABOVE-GROUND PARTS

Stem	Bulbils	None
	Colour	Dark brown
Leaf	Shape	Broad cordate
	Texture	Soft
Petiole	Colour	9



BELOW-GROUND PARTS

Tuber	Flesh appearance	Smooth
	Flesh colour	White
	Roots	Low
Skin	Thickness	Medium
	Pelloderm	Purple with white

QUALITY

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

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

Tolerant

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

EMERGENCE AND GROUND COVER

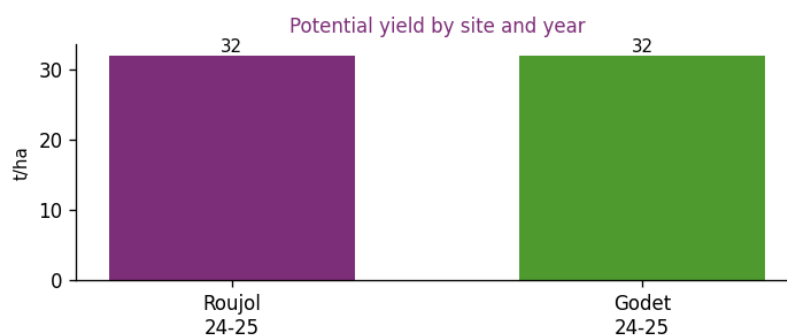
Germination rate **78 %**
 Emergence time **27 days**
 Cycle length (emergence → senescence) **6.0 months - short (<6 months)**

Ground cover at 1 month



YIELD

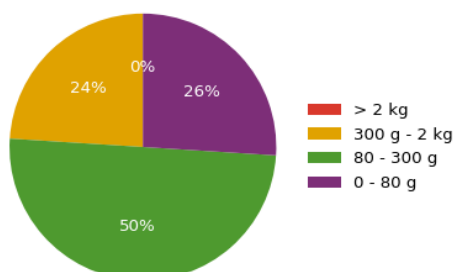
Potential yield **30.5 t/ha**
 Mean tubers per plant **7.6**
 Consistency profile ☐ Stable ☐ Not stable



SIZE GRADE

Mean tuber weight

0.2 kg



Data sheet online on YamHub

