

CIRAD221 (Luc GC)

Edition: 2026

IDENTITY

Species	<i>D. rotundata</i>
Origin	Guadeloupe
Origin centre code	CRB305
Supplier	CRB
CIRAD code	CRB305
DOI	n.d.
Year of introduction	2024
Evaluation period	2022-2025

Variety strengths:

- Good yield
- Tolerance to anthracnose and to rust
- Low storage rot (1 month)
- Appreciated by farmers

DESCRIPTION

ABOVE-GROUND PARTS

Stem	Bulbils	None
	Colour	Dark brown
Leaf	Shape	Elongated cordate
	Texture	Leathery
Petiole	Colour	9



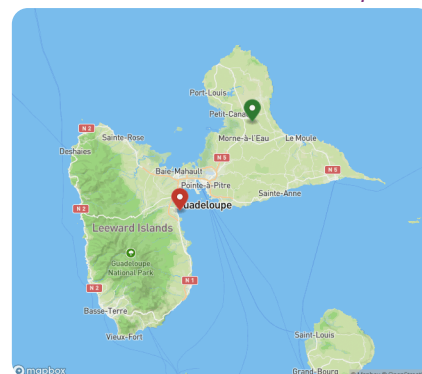
BELOW-GROUND PARTS

Tuber	Flesh appearance	Smooth
	Flesh colour	Yellowish or off-white
	Roots	High
Skin	Thickness	Thick
	Phelloderm	Purple

QUALITY

Storage rot (1 month)	Low
Flesh colour	Yellowish or off-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

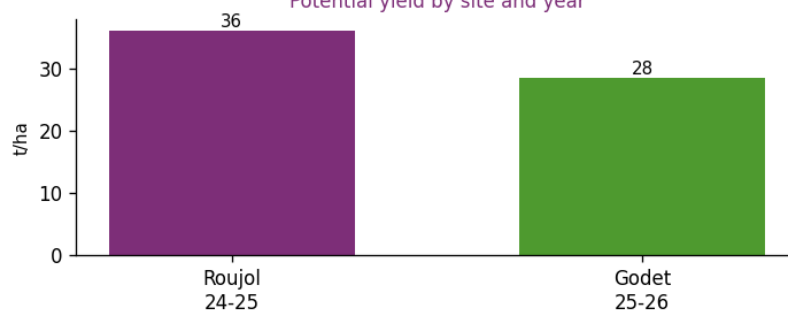
Germination rate **60 %**
 Emergence time **27 days**
 Cycle length (emergence → senescence) **6.0 months - short (<6 months)**

Ground-cover photo coming soon.

YIELD

Potential yield **27.2 t/ha**
 Mean tubers per plant **0.6**
 Consistency profile ☐ Stable ☐ Not stable

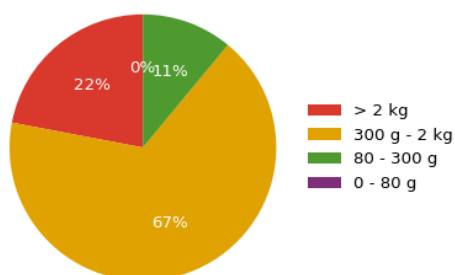
Potential yield by site and year



SIZE GRADE

Mean tuber weight

1.3 kg



Data sheet online on YamHub

