

CIRAD143 (Grosse caille 3 mois)

Edition: 2026

IDENTITY

Species	<i>Dioscorea rotundata</i>
Origin	Guadeloupe
Origin centre code	CRB147
Supplier	CRB
CIRAD code	CRB147
DOI	10.15454/6ELZ4S
Year of introduction	2011
Evaluation period	2022-2025

Variety strengths:

- Tolerance to anthracnose and to rust
- Fair cooking quality
- No storage rot (1 month)
- Appreciated by farmers

DESCRIPTION

ABOVE-GROUND PARTS

Stem	Bulbils	None
	Colour	Dark brown
Leaf	Shape	Broad sagittate
	Texture	Soft
Petiole	Colour	Green



BELOW-GROUND PARTS

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

QUALITY

Storage rot (1 month)	None
Flesh colour	White
Cooking oxidation	None
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

Anthraxnose

Level

Tolerant

Rust

Level

Tolerant

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

EMERGENCE AND GROUND COVER

Germination rate **76 %**
 Emergence time **37 days**
 Cycle length (emergence → senescence) **5.9 months - short (<6 months)**

Ground cover at 1 month



YIELD

Potential yield **23.7 t/ha**
 Mean tubers per plant **1.1**
 Consistency profile ☐ Stable ☐ Not stable

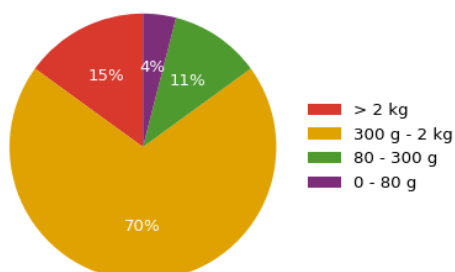
Potential yield by site and year



SIZE GRADE

Mean tuber weight

0.9 kg



Data sheet online on YamHub

