

CIRAD140 (Goana)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Nouvelle Calédonie
Origin centre code	CRB43
Supplier	CRB
CIRAD code	CRB43
DOI	10.15454/FFBSMT
Year of introduction	2011
Evaluation period	2022-2025

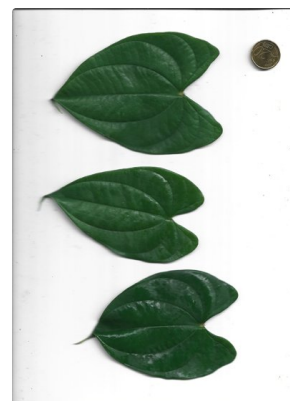
Variety strengths:

- Good yield
- Tolerance to anthracnose and to rust
- Good cooking quality
- No storage rot (1 month)

DESCRIPTION

ABOVE-GROUND PARTS

Stem	Bulbils	None
	Colour	Green
Leaf	Shape	Broad sagittate
	Texture	Soft
Petiole	Colour	Fully green with both ends purple



BELOW-GROUND PARTS

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

QUALITY

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

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

Anthraxnose

Level

Tolerant

Rust

Level

Tolerant

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

EMERGENCE AND GROUND COVER

Germination rate **88 %**
 Emergence time **30 days**
 Cycle length (emergence → senescence) **5.5 months - short (<6 months)**

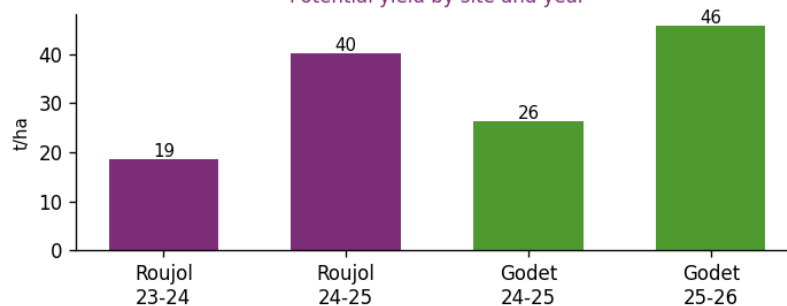
Ground cover at 1 month



YIELD

Potential yield **32.2 t/ha**
 Mean tubers per plant **1.1**
 Consistency profile ☐ Stable ☐ Not stable

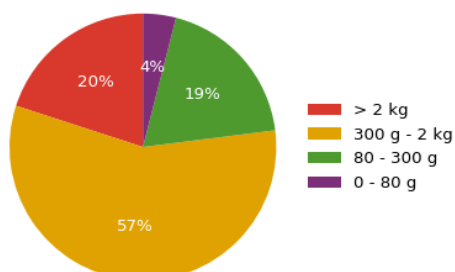
Potential yield by site and year



SIZE GRADE

Mean tuber weight

1.3 kg



Data sheet online on YamHub

