

CIRAD179 (TROPICAL)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Guadeloupe
Origin centre code	CIR-A064
Supplier	CIRAD
CIRAD code	CIR-A064
DOI	n.d.
Year of introduction	2016
Evaluation period	2022-2025

Variety strengths:

- High 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	Elongated cordate
	Texture	Soft
Petiole	Colour	Fully green with purple base



BELOW-GROUND PARTS

Tuber	Flesh appearance	Granular
	Flesh colour	Yellowish or off-white
	Roots	Low
Skin	Thickness	Thick
	Phelloderm	Light purple

QUALITY

Storage rot (1 month)	None
Flesh colour	Yellowish or off-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 **31 days**
 Cycle length (emergence → senescence) **5.7 months - short (<6 months)**

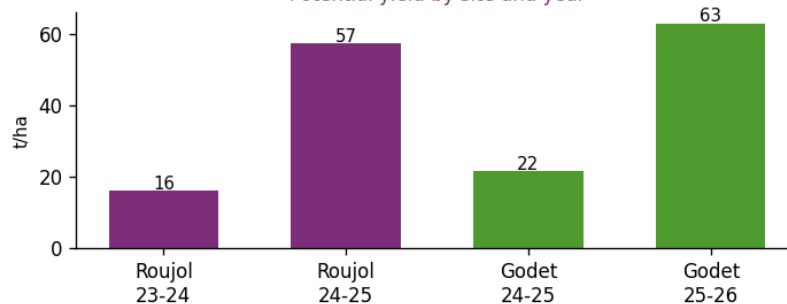
Ground cover at 1 month



YIELD

Potential yield **38.3 t/ha**
 Mean tubers per plant **1.1**
 Consistency profile ☐ Stable ☐ Not stable

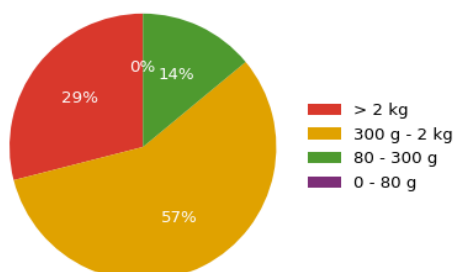
Potential yield by site and year



SIZE GRADE

Mean tuber weight

1.7 kg



Data sheet online on YamHub

