

CIRAD151 (INRA X 154)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Guadeloupe
Origin centre code	CRB757
Supplier	CRB
CIRAD code	CRB757
DOI	n.d.
Year of introduction	2011
Evaluation period	2022-2025

Variety strengths:

- Good yield
- Tolerance to anthracnose and to rust
- Fair cooking quality
- Appreciated by farmers

DESCRIPTION

ABOVE-GROUND PARTS

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



BELOW-GROUND PARTS

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

QUALITY

Storage rot (1 month)	n.d.
Flesh colour	Yellowish or off-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

Anthracnose

Level

Tolerant

Rust

Level

Tolerant

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

EMERGENCE AND GROUND COVER

Germination rate

87 %

Emergence time

54 days

Cycle length (emergence → senescence)

5.9 months - short (<6 months)

Ground cover at 1 month



YIELD

Potential yield

32.7 t/ha

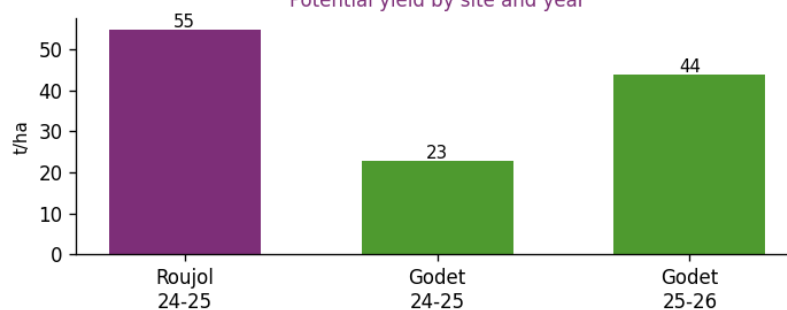
Mean tubers per plant

1.3

Consistency profile

☐ Stable ☐ Not stable

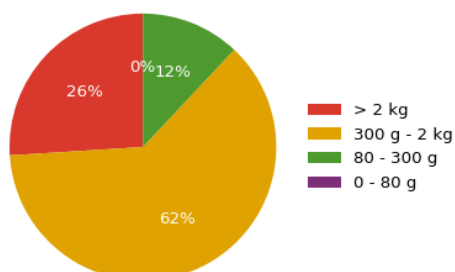
Potential yield by site and year



SIZE GRADE

Mean tuber weight

1.5 kg



Data sheet online on YamHub

