

CIRAD155 (KL 21)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Guadeloupe
Origin centre code	CRB629
Supplier	CRB
CIRAD code	CRB629
DOI	10.15454/MA2SJF
Year of introduction	2011
Evaluation period	2022-2025

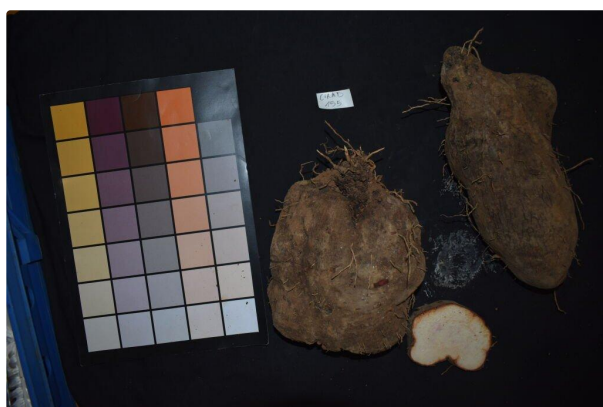
Variety strengths:

- Tolerance to anthracnose
- Fair cooking quality

DESCRIPTION

ABOVE-GROUND PARTS

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

**BELOW-GROUND PARTS**

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

QUALITY

Storage rot (1 month)	High
Flesh colour	White with purple
Cooking oxidation	Present
Boiled quality	Medium

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

Moderately susceptible

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

EMERGENCE AND GROUND COVER

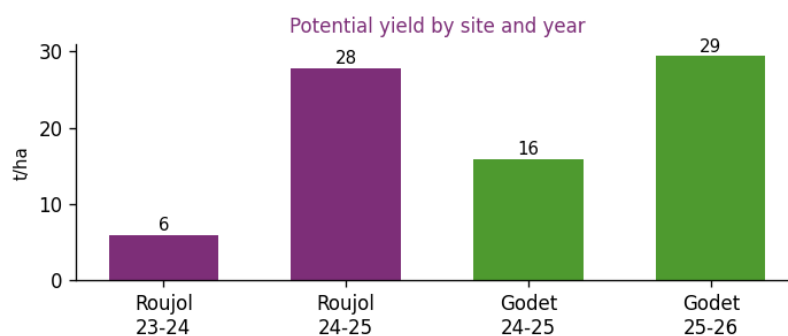
Germination rate **81 %**
 Emergence time **35 days**
 Cycle length (emergence → senescence) **5.9 months - short (<6 months)**

Ground cover at 1 month



YIELD

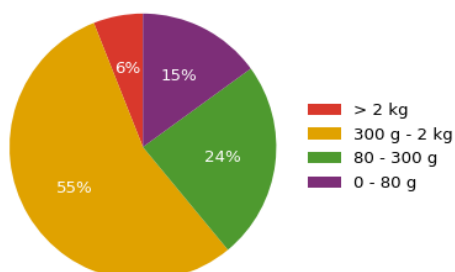
Potential yield **21.4 t/ha**
 Mean tubers per plant **1.5**
 Consistency profile ☐ Stable ☐ Not stable



SIZE GRADE

Mean tuber weight

0.7 kg



Data sheet online on YamHub

