

CIRAD153 (Kabusa)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Guadeloupe
Origin centre code	Roujol43
Supplier	CIRAD
CIRAD code	Roujol43
DOI	n.d.
Year of introduction	2011
Evaluation period	2022-2025

Variety strengths:

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

DESCRIPTION

ABOVE-GROUND PARTS

Stem	Bulbils	None
	Colour	Green
Leaf	Shape	Elongated sagittate
	Texture	Soft
Petiole	Colour	Green



BELOW-GROUND PARTS

Tuber	Flesh appearance	Granular
	Flesh colour	White
	Roots	Low
Skin	Thickness	Thin
	Phelloderm	Purple

QUALITY

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

Susceptible

Rust

Level

Tolerant

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

EMERGENCE AND GROUND COVER

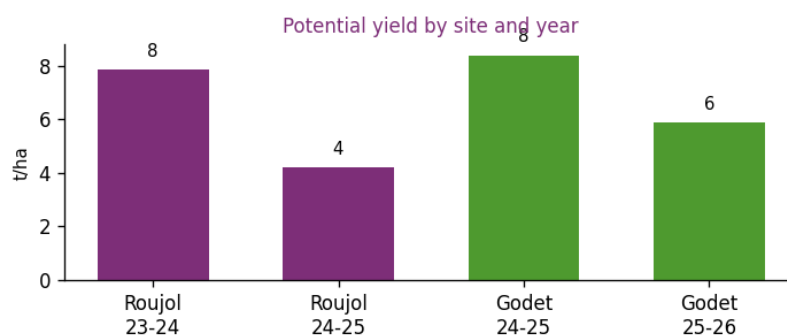
Germination rate **79 %**
 Emergence time **24 days**
 Cycle length (emergence → senescence) **5.5 months - short (<6 months)**

Ground cover at 1 month



YIELD

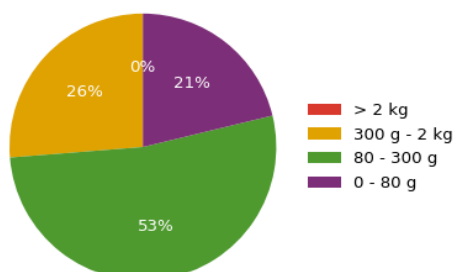
Potential yield **12.1 t/ha**
 Mean tubers per plant **1.5**
 Consistency profile ☐ Stable ☐ Not stable



SIZE GRADE

Mean tuber weight

0.2 kg



Data sheet online on YamHub

