

CIRAD110 (H4X-200 (Rosette))

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Guadeloupe
Origin centre code	Roujol95
Supplier	CIRAD
CIRAD code	Roujol95
DOI	n.d.
Year of introduction	2006
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	Present
	Colour	Purplish green
Leaf	Shape	Broad cordate
	Texture	Soft
Petiole	Colour	Fully green with purple base



BELOW-GROUND PARTS

Tuber	Flesh appearance	Granular
	Flesh colour	Purple outside / white inside
	Roots	Low
Skin	Thickness	Thick
	Phelloderm	Light purple

QUALITY

Storage rot (1 month)	None
Flesh colour	Purple outside / white inside
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

Tolerant

Rust

Level

Tolerant

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

EMERGENCE AND GROUND COVER

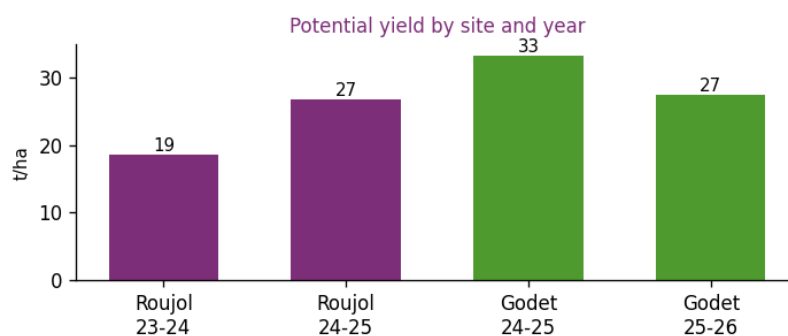
Germination rate **88 %**
 Emergence time **32 days**
 Cycle length (emergence → senescence) **5.8 months - short (<6 months)**

Ground cover at 1 month



YIELD

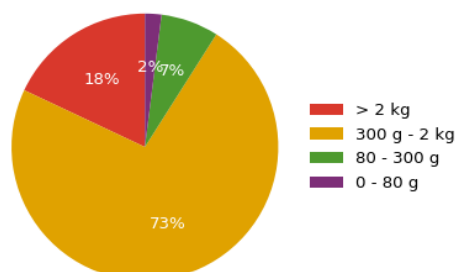
Potential yield **27.6 t/ha**
 Mean tubers per plant **1**
 Consistency profile ☐ Stable ☐ Not stable



SIZE GRADE

Mean tuber weight

1.1 kg



Data sheet online on YamHub

