

CIRAD15 (K-DOS)

Edition: 2026

IDENTITY

Species	<i>Dioscorea alata</i>
Origin	Sierra leone
Origin centre code	TDa-4144
Supplier	IITA
CIRAD code	4144
DOI	10.18730/JB5SQ
Year of introduction	2022
Evaluation period	2022-2025

Variety strengths:

- Good yield
- Tolerance to anthracnose and to rust

DESCRIPTION

ABOVE-GROUND PARTS

Stem	Bulbils	Present
	Colour	Purplish green
Leaf	Shape	Cordate
	Texture	Soft
Petiole	Colour	Green



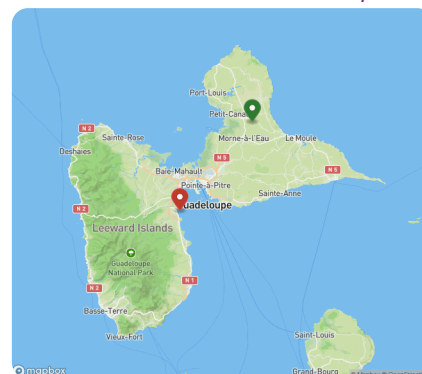
BELOW-GROUND PARTS

Tuber	Flesh appearance	Smooth
	Flesh colour	Yellow
	Roots	Low
Skin	Thickness	Thick
	Phelloderm	White

QUALITY

Storage rot (1 month)	n.d.
Flesh colour	Yellow
Cooking oxidation	None
Boiled quality	n/a

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

78 %

Emergence time

21 days

Cycle length (emergence → senescence)

5.7 months - short (<6 months)

Ground cover at 1 month



YIELD

Potential yield

25 t/ha

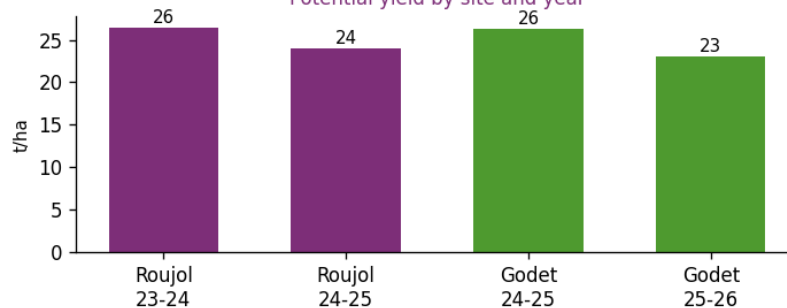
Mean tubers per plant

1.3

Consistency profile

☐ Stable ☐ Not stable

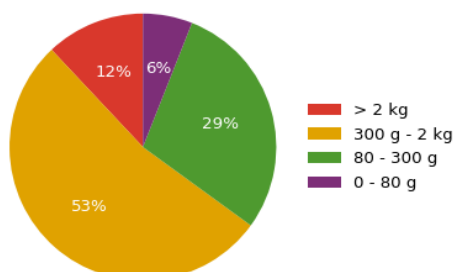
Potential yield by site and year



SIZE GRADE

Mean tuber weight

0.9 kg



Data sheet online on YamHub

