

## CIRAD69 (4823)

Edition: 2026

## IDENTITY

|                      |                        |
|----------------------|------------------------|
| Species              | <i>Dioscorea alata</i> |
| Origin               | Côte d'Ivoire          |
| Origin centre code   | TDa-4823               |
| Supplier             | IITA                   |
| CIRAD code           | 4823                   |
| DOI                  | 10.18730/JBSBM         |
| Year of introduction | 2022                   |
| Evaluation period    | 2022-2025              |

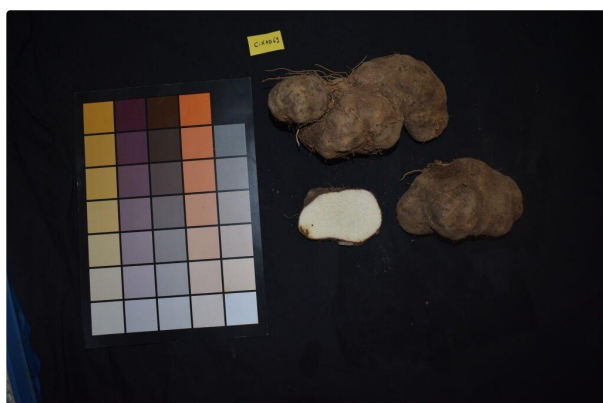
**Variety strengths:**

- Tolerance to rust
- Fair cooking quality

## DESCRIPTION

**ABOVE-GROUND PARTS**

|         |         |                                     |
|---------|---------|-------------------------------------|
| Stem    | Bulbils | <b>None</b>                         |
|         | Colour  | <b>Green</b>                        |
| Leaf    | Shape   | <b>Elongated cordate</b>            |
|         | Texture | <b>Soft</b>                         |
| Petiole | Colour  | <b>Fully green with purple base</b> |

**BELOW-GROUND PARTS**

|       |                  |                     |
|-------|------------------|---------------------|
| Tuber | Flesh appearance | <b>Smooth</b>       |
|       | Flesh colour     | <b>White</b>        |
|       | Roots            | <b>Low</b>          |
| Skin  | Thickness        | <b>Medium</b>       |
|       | Phelloderm       | <b>Light purple</b> |

## QUALITY

|                       |               |
|-----------------------|---------------|
| Storage rot (1 month) | <b>n.d.</b>   |
| Flesh colour          | <b>White</b>  |
| Cooking oxidation     | <b>None</b>   |
| Boiled quality        | <b>Medium</b> |

*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

#### Anthracnose

Level

**Susceptible**

#### Rust

Level

**Tolerant**

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

### EMERGENCE AND GROUND COVER

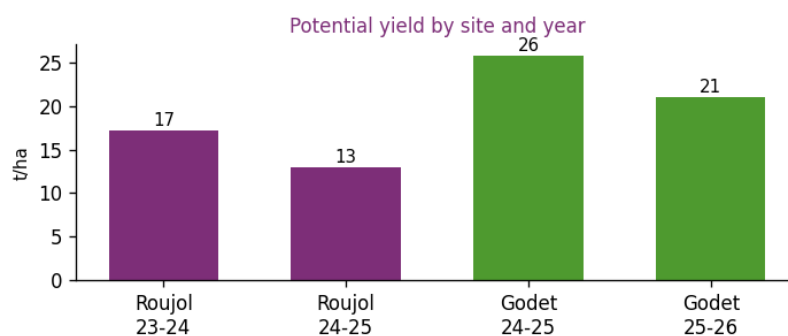
Germination rate **84 %**  
 Emergence time **26 days**  
 Cycle length (emergence → senescence) **5.5 months - short (<6 months)**

Ground cover at 1 month



### YIELD

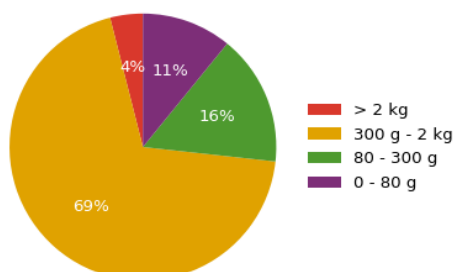
Potential yield **21.5 t/ha**  
 Mean tubers per plant **1.4**  
 Consistency profile ☐ Stable ☐ Not stable



### SIZE GRADE

Mean tuber weight

**0.7 kg**



Data sheet online on YamHub

