

## CIRAD40 (3132)

Edition: 2026

## IDENTITY

|                      |                               |
|----------------------|-------------------------------|
| Species              | <b><i>Dioscorea alata</i></b> |
| Origin               | <b>Nigéria</b>                |
| Origin centre code   | <b>TDa-3132</b>               |
| Supplier             | <b>IITA</b>                   |
| CIRAD code           | <b>3132</b>                   |
| DOI                  | <b>10.18730/JARTF</b>         |
| Year of introduction | <b>2022</b>                   |
| Evaluation period    | <b>2022-2025</b>              |

**Variety strengths:**

- Tolerance to anthracnose and to rust
- Fair cooking quality
- Low storage rot (1 month)
- Appreciated by farmers

## DESCRIPTION

**ABOVE-GROUND PARTS**

|         |         |                            |
|---------|---------|----------------------------|
| Stem    | Bulbils | <b>None</b>                |
|         | Colour  | <b>Green</b>               |
| Leaf    | Shape   | <b>Elongated sagittate</b> |
|         | Texture | <b>Soft</b>                |
| Petiole | Colour  | <b>Green</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>Purple</b> |

## QUALITY

|                       |               |
|-----------------------|---------------|
| Storage rot (1 month) | <b>Low</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

Tolerant

#### Rust

Level

Tolerant

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

### EMERGENCE AND GROUND COVER

Germination rate **94 %**  
 Emergence time **26 days**  
 Cycle length (emergence → senescence) **5.8 months - short (<6 months)**

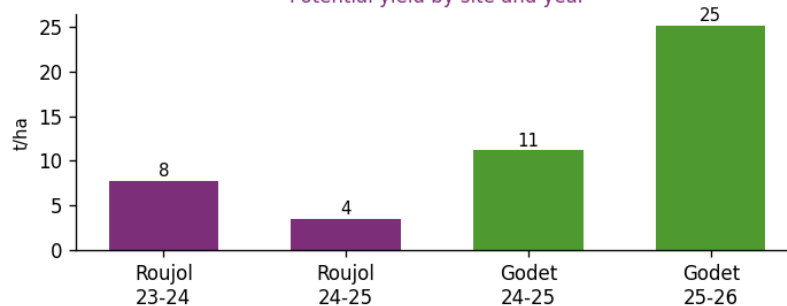
Ground cover at 1 month



### YIELD

Potential yield **16.9 t/ha**  
 Mean tubers per plant **1.3**  
 Consistency profile ☐ Stable ☐ Not stable

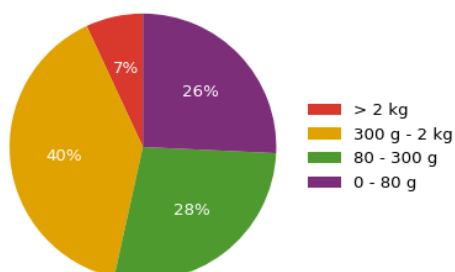
Potential yield by site and year



### SIZE GRADE

Mean tuber weight

0.5 kg



Data sheet online on YamHub

