

## CIRAD62 (PERSY)

Edition: 2026

## IDENTITY

|                      |                        |
|----------------------|------------------------|
| Species              | <i>Dioscorea alata</i> |
| Origin               | Bénin                  |
| Origin centre code   | TDa-5080               |
| Supplier             | IITA                   |
| CIRAD code           | 5080                   |
| DOI                  | 10.18730/JC16C         |
| Year of introduction | 2022                   |
| Evaluation period    | 2022-2025              |

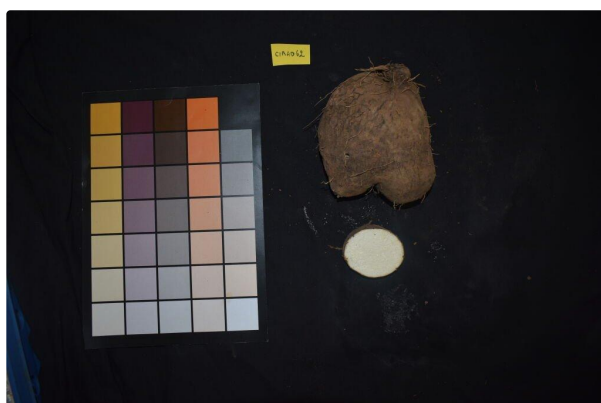
**Variety strengths:**

- Good yield
- Tolerance to rust
- Good cooking quality
- Appreciated by farmers

## DESCRIPTION

**ABOVE-GROUND PARTS**

|         |         |                   |
|---------|---------|-------------------|
| Stem    | Bulbils | None              |
|         | Colour  | Green             |
| Leaf    | Shape   | Elongated cordate |
|         | Texture | Soft              |
| Petiole | Colour  | Green             |

**BELOW-GROUND PARTS**

|       |                  |        |
|-------|------------------|--------|
| Tuber | Flesh appearance | Smooth |
|       | Flesh colour     | White  |
|       | Roots            | Low    |
| Skin  | Thickness        | Medium |
|       | Phelloderm       | Purple |

## QUALITY

|                       |       |
|-----------------------|-------|
| Storage rot (1 month) | n.d.  |
| Flesh colour          | White |
| Cooking oxidation     | None  |
| 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

#### Anthracnose

Level **Moderately susceptible**

#### Rust

Level

**Tolerant**

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

### EMERGENCE AND GROUND COVER

Germination rate **92 %**  
 Emergence time **22 days**  
 Cycle length (emergence → senescence) **5.6 months - short (<6 months)**

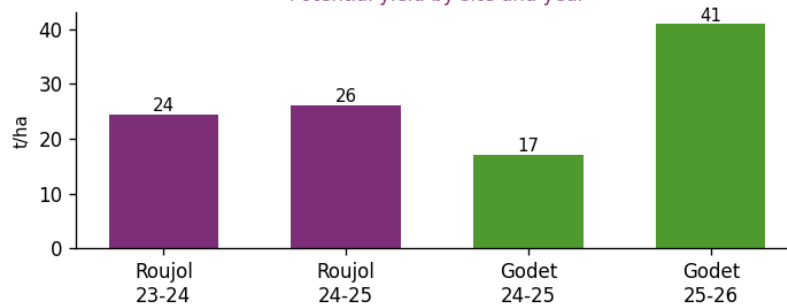
Ground cover at 1 month



### YIELD

Potential yield **28.7 t/ha**  
 Mean tubers per plant **1.7**  
 Consistency profile ☐ Stable ☐ Not stable

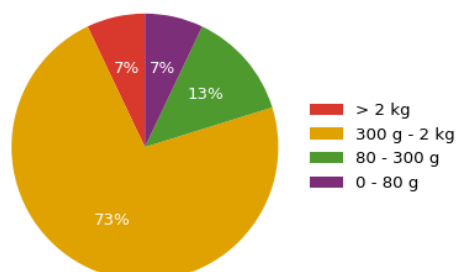
Potential yield by site and year



### SIZE GRADE

Mean tuber weight

**0.9 kg**



Data sheet online on YamHub

