

Nase 10

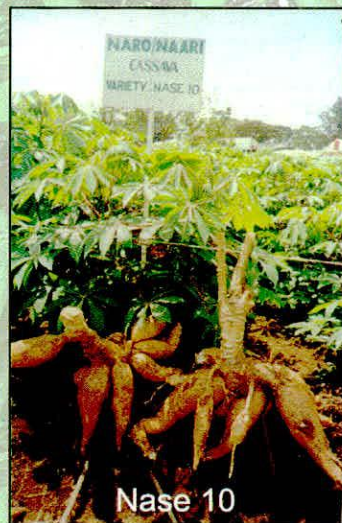
Shoot tips: Purple with some green colour.

Leaves: Broad and green with solid pink petioles.

Resistance: Resistant to CMD and CGM.

Stems: Medium branching and white when mature.

Roots: The outer and inner skins are white. The flesh is also white. Sweet and low in cyanide. Matures in 12 months and yields about 35 tons per Hectare.



Nase 11

Shoot tips: Purplish green, not hairy.

Leaves: Very broad with solid purple petioles.

Resistance: Moderately resistant to CMD and resistant to CGM.

Stems: Medium branching and silver gray when mature.

Roots: Dark brown outer skin, cream inner skin and white flesh. Sweet with low amount of cyanide. Matures in 12 months and yields 25-35 tons per hectare.

Nase 12

Shoot tips: Green with some purple colour, not hairy.

Leaves: Narrow, green and has solid pink petiole.

Resistance: Very highly resistant to CMD but susceptible to CGM.

Stems: Low branching and forms a dense canopy. Brown when mature.

Roots: The outer skin color is brown, the inner skin color is cream and the flesh is white. Has low amounts of cyanide and is sweet. Matures in 13 months and yields 35-40 tons per hectare. Gray when mature.



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CHARACTERISTICS OF IMPROVED CASSAVA VARIETIES



**NATIONAL CASSAVA
PROGRAMME
(UGANDA)**

To date NARO has developed and officially released 12 improved cassava varieties for production. The varieties are all high yielding and resistant to cassava mosaic disease (CMD). Characteristics of the most widely adopted varieties are listed below:

Nase 1

Shoot tip: Purplish in colour and hairy.

Leaves: Broad, green, reddish petioles with green colour.



Nase 1

Resistance: moderately resistant to CMD and resistant to Cassava Green Mite (CGM).

Stem: White medium- branching, and tall.

Roots: Long, white outer skin, white inner skin, white flesh, high starch content, sweet with low amount of cyanide.

Maturity and yield: 14 months, 25-35 tons per hectare.

Nase 2

Shoot tips: Green with some purple colour, not hairy.

Leaves: Broad light green, with green petioles bearing light green colour.

Resistance: Resistant to CMD and CGM.



Nase 2

Stem: Low branching and quickly forms bush. Brown when mature and flowers heavily but rarely forms seed.

Roots: Big in size and medium long. Has brown outer skin color, cream inner skin color and white flesh. Sweet with low cyanide content. Yields 30-35 tons per Hectare.

Nase 3.

Shoot tips: Purplish green, not hairy.

Leaves: Broad, deep green and green petioles with some purple colour.

Resistance: Resistant to CMD and moderately resistant to CGM.

Stem: Low branching, forms a dense canopy and silver gray when mature.

Roots: Dark brown outer skin, cream inner skin and white flesh. Moderately sweet and has low amount of cyanide. Matures in 12 months and yields 35-40tons per hectare.



Nase 3

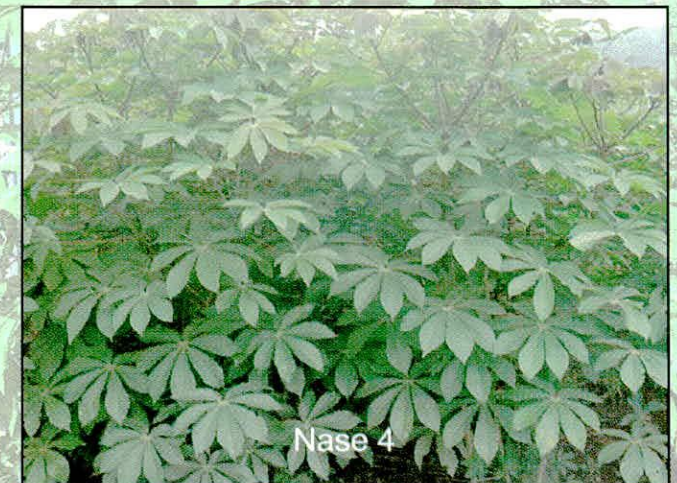
Nase 4

Shoot tips: Purple green, not hairy.

Leaves: Dark green and broad. The petioles are purple with some green colour.

Resistance: Resistant to CMD with relatively low resistance to CGM.

Roots: Medium sized, medium length, dark brown outer skin color, cream inner skin color and white flesh. Sweet and has low amount of cyanide. Matures in 12 months and yields 35-50 tons per Hectare.



Nase 4