'NARITA 24' is a high-yielding and disease-resistant hybrid that is related to a group of cooking and beer bananas called East African highland bananas (EAHB). 'NARITA 24' is named after NARO and IITA, the institutes that jointly developed the NARITA hybrids\(^1\). The pedigree of ‘NARITA 24’ is unknown (see Breeding strategy).

‘NARITA 24’ has been tested on station in Uganda\(^2\) and is being evaluated in a broader range of end-users environments (including farmers’ fields), to assess its potential for adoption by farmers and consumers\(^3\). Its primary use is as a cooking type.

Contents

- Breeding strategy
- Agronomic performance
- Reaction to diseases and pests
- References
- See also on this website
- External links

Breeding strategy

The pedigree of ‘NARITA 24’ is unknown because by the time they were selected for evaluation, their mats had drifted from their original positions, making it difficult to identify them from the field map\(^4\).

Agronomic performance

The following agronomic data were collected during a preliminary yield trial carried out by IITA and NARO at Namulonge in Central Uganda\(^5\):

<table>
<thead>
<tr>
<th>Traits</th>
<th>NARITA 24*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant height at flowering (cm)</td>
<td>333.3</td>
</tr>
<tr>
<td>Pseudostem girth at flowering (cm)</td>
<td>58.0</td>
</tr>
<tr>
<td>Time from flowering to harvest (days)</td>
<td>150.3</td>
</tr>
<tr>
<td>Bunch weight (kg)</td>
<td>30.4</td>
</tr>
<tr>
<td>Number of hands</td>
<td>11.6</td>
</tr>
<tr>
<td>Number of fingers</td>
<td>218.7</td>
</tr>
<tr>
<td>Fruit circumference (cm)</td>
<td>12.0</td>
</tr>
<tr>
<td>Fruit length (cm)</td>
<td>18.7</td>
</tr>
</tbody>
</table>
### Traits

<table>
<thead>
<tr>
<th>Trait</th>
<th>NARITA 24*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of functional leaves at flowering</td>
<td>10.3</td>
</tr>
<tr>
<td>Number of functional leaves at harvest</td>
<td>2.7</td>
</tr>
<tr>
<td>Height of tallest sucker at flowering (cm)</td>
<td>262.5</td>
</tr>
<tr>
<td>Height of tallest sucker at harvest (cm)</td>
<td>322.6</td>
</tr>
<tr>
<td>Youngest leaf spotted at flowering</td>
<td>8.0</td>
</tr>
<tr>
<td>Youngest leaf spotted at harvest</td>
<td>2.3</td>
</tr>
<tr>
<td>Survival rate (%)</td>
<td>40</td>
</tr>
</tbody>
</table>

* Data are averages for 10 plants evaluated over three crop cycles.

### Reaction to diseases and pests

The scores for number of functional leaves and youngest leaf spotted at flowering and harvest indicate medium resistance to **black leaf streak**.

### References

1. IITA press release on the first ever high-yielding matooke hybrids.
2. Preliminary results of NARITA hybrids trials show high yield potential to increase banana production.
3. Website of the Breeding Better Bananas project.

### See also on this website

- Photos of NARITA hybrids in Musarama
- Articles on NARITA hybrids in Musalit
- Musapedia pages on NARITA hybrids:
  - Kabana 6H
  - Kiwangaazi
  - M9
  - NARITA 1
  - NARITA 10
  - NARITA 11
  - NARITA 12
  - NARITA 13
  - NARITA 14
  - NARITA 15
  - NARITA 16
  - NARITA 17
Musapedia pages on improved materials:
BITA-2
BITA-3
BRS Platina
CRBP-39
FHIA-01
FHIA-02
FHIA-03
FHIA-17
FHIA-18
FHIA-20
FHIA-21
FHIA-23
FHIA-25
FLHORBAN 916
FLHORBAN 920
Formosana
GCTCV-105
GCTCV-119
GCTCV-218
Goldfinger
Kabana 6H
Kiwangoazi
M9
NARITA 1
NARITA 10
NARITA 11
NARITA 12
External links

To browse accession-level information on 'NARITA 24' in MGIS
Official website of Uganda's National Agricultural Research Organization, NARO and its banana research program

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The original document is available at http://www.promusa.org/NARITA+24