'NARITA 26' 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 1' is named after NARO and IITA, the institutes that jointly developed the NARITA hybrids[1].

'NARITA 26' 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 26' 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 26*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant height at flowering (cm)</td>
<td>372.5</td>
</tr>
<tr>
<td>Pseudostem girth at flowering (cm)</td>
<td>51.8</td>
</tr>
<tr>
<td>Time from flowering to harvest (days)</td>
<td>139.9</td>
</tr>
<tr>
<td>Bunch weight (kg)</td>
<td>16.2</td>
</tr>
<tr>
<td>Number of hands</td>
<td>8.5</td>
</tr>
<tr>
<td>Number of fingers</td>
<td>138.8</td>
</tr>
<tr>
<td>Fruit circumference (cm)</td>
<td>11.7</td>
</tr>
</tbody>
</table>

‘NARITA 26’

Ploidy level
3x

Genome group
AAA

Status
Synthetic hybrid

Breeding institutes
NARO and IITA

Breeder's code
HJ

Pedigree
unknown

ITC code
ITC1799
<table>
<thead>
<tr>
<th>Traits</th>
<th>NARITA 26*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruit length (cm)</td>
<td>18.1</td>
</tr>
<tr>
<td>Number of functional leaves at flowering</td>
<td>8.9</td>
</tr>
<tr>
<td>Number of functional leaves at harvest</td>
<td>3.5</td>
</tr>
<tr>
<td>Height of tallest sucker at flowering (cm)</td>
<td>328.4</td>
</tr>
<tr>
<td>Height of tallest sucker at harvest (cm)</td>
<td>365.3</td>
</tr>
<tr>
<td>Youngest leaf spotted at flowering</td>
<td>7.2</td>
</tr>
<tr>
<td>Youngest leaf spotted at harvest</td>
<td>2.4</td>
</tr>
<tr>
<td>Survival rate (%)</td>
<td>90</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
Kiwangaazi
M9
NARITA 1
NARITA 10
NARITA 11
NARITA 12
External links

To browse accession-level information on 'NARITA 26' in MGIS
Official website of Uganda's National Agricultural Research Organization, NARO and its banana research program

Contributors to this page: Anne Vézina.
Page last modified on Tuesday, 12 February 2019 09:17:27 CET by Anne Vézina.
The original document is available at http://www.promusa.org/NARITA+26