'NARITA 6' is a high-yielding and disease-resistant hybrid that is related, through its female grandparent, to a group of cooking and beer bananas called East African highland bananas (EAHB). 'NARITA 6' is named after NARO and IITA, the institutes that jointly developed the NARITA hybrids.[1]

Two crosses were performed to obtain 'NARITA 6'. The triploid EAHB cultivar 'Nfuuka' was crossed with a wild source of disease resistance to produce a tetraploid. This tetraploid was then crossed with an improved diploid to produce the triploid hybrid 'NARITA 6' (see Breeding strategy below).

Contents

- Breeding strategy
- References
- See also on this website
- External links

Breeding strategy

![Breeding scheme for 'NARITA 6']

'NARITA 6' is a secondary triploid obtained by crossing a disease-resistant tetraploid (222K-1) with an improved diploid (9128-3).[2]

The tetraploid female parent 222K-1 was obtained by crossing the triploid EAHB cultivar 'Nfuuka' and Calcutta 4, a genebank accession of the diploid wild species Musa acuminata ssp. burmannica (Calcutta 4), 'Tjau Lagada' (AA) and 'Pisang Lilin' (AA).

ITC code
ITC1846

'tNARITA 6' at a glance

Left to right: 'NARITA 6', its female parent 222K-1 and its female grandparent 'Nfuuka'

Ploidy level
3x

Genome group
AAA

Status
Synthetic hybrid

Breeding institutes
NARO and IITA

Breeder's code
112745-3

Pedigree
'Nfuuka' (AAA), Musa acuminata ssp. burmannica (Calcutta 4), 'Tjau Lagada' (AA) and 'Pisang Lilin' (AA)

'TARITA 6' is a high-yielding and disease-resistant hybrid that is related, through its female grandparent, to a group of cooking and beer bananas called East African highland bananas (EAHB). 'NARITA 6' is named after NARO and IITA, the institutes that jointly developed the NARITA hybrids.[1]

Two crosses were performed to obtain 'NARITA 6'. The triploid EAHB cultivar 'Nfuuka' was crossed with a wild source of disease resistance to produce a tetraploid. This tetraploid was then crossed with an improved diploid to produce the triploid hybrid 'NARITA 6' (see Breeding strategy below).

Contents

- Breeding strategy
- References
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Breeding strategy

![Breeding scheme for 'NARITA 6']

'NARITA 6' is a secondary triploid obtained by crossing a disease-resistant tetraploid (222K-1) with an improved diploid (9128-3).[2]

The tetraploid female parent 222K-1 was obtained by crossing the triploid EAHB cultivar ‘Nfuuka’ and Calcutta 4, a genebank accession of the diploid wild species Musa acuminata ssp. burmannica, which provided a copy of the so-called A genome. Calcutta 4 provided the resistance to black leaf streak.

The diploid male parent 9128-3 (whose code used to be preceded by TMBx, for tropical Musa bananas[3]) had been obtained by crossing two diploid cultivars: ‘Tjau Lagada’ and ‘Pisang Lilin’.

'NARITA 6' at a glance

Left to right: 'NARITA 6', its female parent 222K-1 and its female grandparent 'Nfuuka'

Ploidy level
3x

Genome group
AAA

Status
Synthetic hybrid

Breeding institutes
NARO and IITA

Breeder's code
112745-3

Pedigree
'Nfuuka' (AAA), Musa acuminata ssp. burmannica (Calcutta 4), ‘Tjau Lagada’ (AA) and ‘Pisang Lilin’ (AA)

ITC code
ITC1846
References

1. IITA press release on the first ever high-yielding matooke hybrids.

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
NARITA 18
NARITA 19
NARITA 2
NARITA 20
NARITA 21
NARITA 22
NARITA 23
NARITA 24
NARITA 25
NARITA 26
NARITA 27
NARITA 3
NARITA 4
NARITA 5
NARITA 6
NARITA 7
NARITA 8
NARITA 9

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
NARITA 13
NARITA 14
NARITA 15
NARITA 16
NARITA 17
NARITA 18
NARITA 19
NARITA 2
NARITA 20
NARITA 21
NARITA 22
NARITA 23
NARITA 24
NARITA 25
NARITA 26
NARITA 27
NARITA 3
NARITA 4
NARITA 5
NARITA 6
NARITA 7
External links

To browse accession-level information on 'NARITA 6' in MGIS

Official website of Uganda's National Agricultural Research Organization, NARO and its banana research program

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