## 'FHIA-03' at a glance

<table>
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<tr>
<th>Ploidy level</th>
<th>4x</th>
</tr>
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<tbody>
<tr>
<td>Genome group</td>
<td>AABB</td>
</tr>
<tr>
<td>Status</td>
<td>Synthetic hybrid</td>
</tr>
<tr>
<td>Breeding institute</td>
<td>FHIA</td>
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<tr>
<td>Breeder's code</td>
<td>SH-3565</td>
</tr>
<tr>
<td>Pedigree</td>
<td>SH-3386 ((Gaddatu x BB) x SH-2471) x SH-3320</td>
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| ITC code | ITC0506 |

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## Local names

'Mona Lisa'

## History of cultivation and current distribution

'FHIA-03' was released by FHIA in 1987 and is a dwarf cooking banana, bred from parents in the Bluggoe sub-group\(^1\).

## Morphological characteristics

'FHIA-03' can be distinguished by the pseudostem colour which is bright light green with no, or very few, blotches. 'FHIA-03' is the only FHIA hybrid with this characteristic\(^2\).

## Agronomic characteristics

| Days from planting to flowering | 7.9 months\(^3\) |
| Days from flowering to harvest  | 122.7\(^4\) |
| Days from planting to harvest  | 10.9, 11.6, 11.4 months\(^3\) |
| Height at shooting (cm)         |                  |
| Height at harvest (cm)          | 222, 228, 233\(^3\) |
| Girth at shooting (cm)          |                  |
| Functional leaves at shooting   |                  |
| Total leaves at shooting        | 10.7, 11.8, 13.7\(^3\) |
Height of tallest sucker (cm): 96.7, 100, 108

Mean bunch weight (kg): 31.8

Number of hands: 7.3, 7.7, 8

Total number of fruits: 91.3, 91.7, 92, 150

Number of fruits on hand:

Finger length (cm): 22

Finger girth (cm): 14.2

Finger weight (g): 113

Yield (t/ha/y): 26.5, 34.2, 37.1

Reaction to diseases and pests

Fungal diseases

Fusarium wilt (Fusarium oxysporum f. sp. cubense)

'FHIA-03' is considered susceptible but tolerant to Foc race 1 and Foc race 4. Despite high internal discolouration scores caused by Foc race 1 and Foc race 4 during evaluation trials as part of the International Musa Testing Programme Phase 2 trials, average bunch weight remained high (20.4 kg and 22.3 kg, respectively) across the sites.

However, 'FHIA-03' has also been reported as susceptible and sensitive to Fusarium wilt, with strong declines in yield when infected in field evaluation trials in Burundi and Australia.

Uses

'FHIA-03' is used as a cooking, brewing and dessert banana.

References

1. 'FHIA-03' factsheet
See also on this website

Articles on 'FHIA-03' in Musalit
Local names for 'FHIA-03' in the cultivar checklist

Musapedia pages on FHIA hybrids:
FHIA-01
FHIA-02
FHIA-03
FHIA-17
FHIA-18
FHIA-20
FHIA-21
FHIA-23
FHIA-25

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
External links

To browse accession-level information on 'FHIA-03' in MGIS

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The original document is available at http://www.promusa.org/FHIA-03