'FHIA-03'

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\textsuperscript{[3]}

Mean bunch weight (kg): 31.8\textsuperscript{[4]}

Number of hands: 7.3, 7.7, 8\textsuperscript{[3]}

Total number of fruits: 91.3, 91.7, 92\textsuperscript{[3]}, 150\textsuperscript{[5]}

Number of fruits on hand:
- Finger length (cm): 22\textsuperscript{[4]}
- Finger girth (cm): 14.2\textsuperscript{[4]}
- Finger weight (g): 113\textsuperscript{[4]}

Yield (t/ha/y): 26.5, 34.2, 37.1\textsuperscript{[3]}

**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\textsuperscript{[6]}.

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\textsuperscript{[7]} and Australia\textsuperscript{[8]}.

**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

Contributors to this page: Inge Van den Bergh.

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