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[^3]
Mean bunch weight (kg): 31.8[^4]
Number of hands: 7.3, 7.7, 8[^3]
Total number of fruits: 91.3, 91.7, 92[^3], 150[^5]
Number of fruits on hand:
Finger length (cm): 22[^4]
Finger girth (cm): 14.2[^4]
Finger weight (g): 113[^4]
Yield (t/ha/y): 26.5, 34.2, 37.1[^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[^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[^7] and Australia[^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