'FHIA-18'

(Intro text)

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Local names
'Bonanza', 'Bananza' (Australia)

Agronomic characteristics

Days from planting to flowering: 255\textsuperscript{[1]}, 377\textsuperscript{[2]}
Days from flowering to harvest: 151\textsuperscript{[1]}, 178\textsuperscript{[2]}
Days from planting to harvest: 403\textsuperscript{[1]}, 502\textsuperscript{[2]}
Height at shooting (cm): 252\textsuperscript{[2]}, 270\textsuperscript{[1]}, 2.4, 3.55\textsuperscript{[3]}
Height at harvest (cm): 
Girth at shooting (cm): 61, 67\textsuperscript{[3]}, 66.1\textsuperscript{[1]}, 67.4\textsuperscript{[2]}
Functional leaves at shooting: 10.0\textsuperscript{[2]}
Total leaves at shooting: 10.6\textsuperscript{[2]}, 10.4, 11.2\textsuperscript{[3]}
Total leaves at harvest: 6.2, 6.6\textsuperscript{[3]}
Mean bunch weight (kg): 22, 28.2\textsuperscript{[3]}, 25.3\textsuperscript{[1]}, 32.6, 34.6, 37\textsuperscript{[2]}
Number of hands: 11.1\textsuperscript{[1]}
Total number of fruits: 172\textsuperscript{[1]}
Number of fruits on hand: 20.7\textsuperscript{[1]}
Finger length (cm): 20.4, 23.8\textsuperscript{[2]}
Finger girth (cm): 11.8, 12.7\textsuperscript{[2]}
Finger weight (g):
Yield (t/ha): 37.4, 62\textsuperscript{[3]}, 46.5\textsuperscript{[1]}

Reaction to diseases and pests

**Fungal diseases**

*Fusarium wilt (Fusarium oxysporum f. sp. cubense)*

'FHIA-18' is considered to be resistant to Foc race 1 and race 4 after field evaluation trials in Australia\textsuperscript{[4]}.

*Black leaf streak (Mycosphaerella fijiensis)*

*Sigatoka leaf spot (Mycosphaerella musicola)*

'FHIA-18' developed very little 'yellow Sigatoka' leaf spot during field evaluation trials in Australia for Fusarium wilt, though unsprayed for leaf spot diseases\textsuperscript{[5]}.

**Recommendations for cultivation, harvest, post-harvest**

FHIA recommends the following\textsuperscript{[6]}:

Altitude: 0-1000m with slower development at higher altitudes

Rainfall: 2,000 mm/year well distributed throughout the year

Temperature: optimum of 28 °C, though is cold-tolerant and able to grow at lower temperatures than the more commonly grown Cavendish varieties

Soil: unflooded, well-drained

Planting density: 1,600 plants/ha recommended

Fertilizer inputs: in Honduras, applied 300 kg/year nitrogen (N), 450 kg/year potassium (K).

Management advice: remove infected tips every two weeks (de-leaf). Remove young shoots every eight weeks (de-sucker). 'FHIA-18' plants have been reported as being susceptible to sunburn and therefore need some protection from the sun. Finger drop when ripe is also considered to be a major problem.

**Uses**

'FHIA-18' is used as a dessert banana. The flavour is bittersweet, similar to an apple\textsuperscript{[6]}.

**References**


6. ‘FHIA-18’ factsheet

See also on this website

Articles on ‘FHIA-18’ in Musalit
Local names for ‘FHIA-18’ 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
External links

To browse accession-level information on 'FHIA-18' in MGIS

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The original document is available at http://www.promusa.org/FHIA-18