'BITA-3' is a plantain synthetic hybrid developed by IITA in Nigeria from a 'Laknau' plantain and a diploid cultivar resistant to black leaf streak\(^1\)\(^2\). This hybrid is recorded as a BITA (banana type) in the literature but is actually a PITA (plantain type)\(^3\).

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Reaction to diseases and pests

Fungal diseases

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

'BITA-3' showed a good level of resistance to Foc races 1 and 4 at field evaluation sites in Australia\(^1\).

*Sigatoka leaf spot (Mycosphaerella musicola)*

'BITA-3' developed very little Sigatoka leaf spot during evaluation field trials in Australia for Fusarium wilt, in fields unsprayed for leaf spots\(^1\).

Reaction to abiotic stress

Cold

'BITA-3' appeared to be more comprised by cold weather when grown in sub-tropical conditions in Australia, than the synthetic hybrids 'FHIA-01', 'FHIA-18' and 'SH 3640-10'\(^1\).

Uses

'BITA-3' is primarily used as a cooking banana\(^2\) and it is also made into banana chips in West Africa\(^4\) and into wine in East Africa\(^2\).

References

management: Towards sustainable cultivation. INIBAP, Los Baños (PHL).
3. Bita-3 (TMBX 5295-1)

See also on this website

Articles on ‘BITA-3’ in Musalit
Musapedia pages on BITA and PITA hybrids:
BITA-2
BITA-3
PITA-16

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
Kiwangaaazi
M9
NARITA 1
NARITA 10
NARITA 11
NARITA 12
NARITA 13
NARITA 14
NARITA 15
NARITA 16
NARITA 17
NARITA 18
External links

To browse accession-level information on 'BITA-3' in MGIS

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The original document is available at http://www.promusa.org/BITA-3