



Product Sheet

Corn seeds, *zea mays hba1* patent deposit (40225)

Please read this FIRST



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

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U.S. Patent Number:
4,607,453

Technical Information

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Product Description

Designation: Corn seeds, *zea mays hba1* patent deposit
Organism: *Zea mays* Linnaeus
, corn

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

SAFETY PRECAUTION

ATCC highly recommends that protective gloves and clothing always be used and a full face mask always be worn when handling frozen vials. It is important to note that some vials leak when submerged in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vessel exploding or blowing off its cap with dangerous force creating flying debris.

Unpacking & Storage Instructions

1. Check all containers for leakage or breakage.
2. Remove the frozen cells from the dry ice packaging and immediately place the cells at a temperature below -130°C, preferably in liquid nitrogen vapor, until ready for use.

Comments

Adapted to south central USA
Yellow dent corn
Inbred corn line
Suitable male parental line in crosses for producing F1 hybrid corn
resistant to: corn borer, 1st brood
resistant to: southern leaf blight, Race 0
resistant to: *Ostrinia nubilalis*, 2nd brood
resistant to: *Helminthosporium carbonum*, Races 2 and 3
resistant to: northern leaf blight, Races 1 and 2
parent of ATCC 40229

Propagation

References

References and other information relating to this product are available online at www.atcc.org.

Biosafety Level: 1



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Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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