



## Product Sheet

(209428)

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:

5,936,143

### Technical Information

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### Product Description

**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 submersed 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

Synthetic hybrid corn seed  
Yellow dent corn  
Used primarily as a pollinator in the TopCross(TM) grain production system  
Adapted to southern, central, and eastern USA and southern Europe  
seed content: 11.8 - 14.2% protein; 14.7 - 16.3% oil; 54.0 - 57.9% starch  
tolerant of: gray leaf spot  
resistant to: common smut  
resistant to: northern leaf blight  
resistant to: Fusarium ear rot  
resistant to: southern corn leaf blight

### Propagation

### References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

### Biosafety Level: 1



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

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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