



Product Sheet

(40844)

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:
5,082,993

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 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

Inbred corn line

Produces corn that meets the requirements of the milling industry

Produces corn with uniform large, bright yellow kernels and very hard endosperm, but with very little white floury starch. The kernels contain at least 10.5% crude protein and 0.31% lysine based on 12% kernel moisture.

Hybrids with WIL500 have a significantly higher lysine content than generic corn.

Demonstrated a distinct advantage as a feed grain; chicks fed a WIL500 hybrid gained 117 grams and 70 grams more than birds fed generic corn and grain sorghum diets, respectively.

tolerant of: anthracnose

Propagation

References

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

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in



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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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