



Product Sheet

(40539)

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U.S. Patent Number:

5,534,425

Technical Information

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Product Description

Organism: *Glycine max* (Linnaeus) Merrill
, soybean

Cytogenetic Analysis: Ploidy: haploid

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

Soybean cultivar

Produces soybeans containing linolenic acid levels ranging from 2.0% to 2.4% total fatty acids

Suitable parental line for producing hybrids with low linolenic acid content

Produces soybeans containing linolenic acid levels of less than 2.5% of total fatty acids and palmitic acid levels of at least 15.1%

Produces lowest linolenic acid levels when planted as early in the growing season as physiologically acceptable in the growing region

progeny of ATCC 97371 and ATCC 40537

Propagation

Notes

This material is cited in a U.S. and/or other Patent and may not be used to infringe the patent claims.

References

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

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Biosafety Level: 1

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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