**Designation:** 3I1b6 [CIP 106093, NCIB 11477, USDA 505]

**Deposited Name:** Rhizobium japonicum (Kirchner) Buchanan

### Propagation

#### Medium

ATCC® Medium 111: Rhizobium X medium

#### Growth Conditions

- **Temperature:** 26.0°C

#### Propagation Procedure

1. Open vial according to enclosed instructions.
2. From a single tube of #111 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette and use to rehydrate the entire pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
4. You may use several drops of the suspension to inoculate a second tube of broth, a slant, and/or a plate. However, it is advisable to establish good growth in the primary tube before making subsequent transfers.
5. Incubate all tubes and plate at 26°C. Growth should occur in 3 to 5 days.

### Notes

Colonies are pinpoint with occasional larger forms. They are circular with an entire margin and convex to pulvinate elevation, and mucoid.

### References

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

### 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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Product Sheet

Bradyrhizobium japonicum
(ATCC® 10324™)

Please read this FIRST

Biosafety Level
1

Intended Use

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Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Bradyrhizobium japonicum (ATCC® 10324™)