

XiteBio[®] SoyRhizo[®]

Liquid Inoculant For Soybean

MINIMUM GUARANTEE:

2 Billion (2 X 10⁹) viable *Bradyrhizobium japonicum* per gram

- ◇ SHAKE WELL BEFORE USE
- ◇ OPEN PACKAGE ONLY WHEN READY TO USE
- ◇ USE BEFORE EXPIRATION DATE
- ◇ STORE IN COOL PLACE BETWEEN 4°C (39°F) to 25°C (77°F), AWAY FROM DIRECT SUN LIGHT AND WIND
- ◇ DO NOT ALLOW TO FREEZE
- ◇ CONTAMINANT FREE

APPLICATION RATE:

-On Seed

49 ml/27 kg (1.68 fl oz/bu; 1 bu = 60 lb)
(1.40 fl oz/unit; 1 unit = 50 lb)

-In Furrow

175 mL/ac or 432 mL/ha
(at 30 inch or 76 cm row spacing)

UNIT TREATS:

-On Seed

6810 kg (15,000 lb)
252 bu (300 Units)

-In Furrow

72.0 ac at 30 inch row spacing
29.2 ha at 76 cm row spacing

NET WEIGHT: 12.6 kg (27.8 lb)

NET CONTENT: 12.6 Liters (426.1 fl oz)

Lot #: _____

Use before: _____

NOT A PLANT FOOD PRODUCT

LIMITED WARRANTY

The seller warrants that this product conforms to its label's minimum guarantee of *Bradyrhizobium* and is suitable for its intended use if stored and used strictly as per the label directions under normal conditions of use. The seller makes no other warranty, expressed or implied, as to product viability or performance since storage, use, and growing conditions are beyond seller's control. Seller's guarantee is limited to the terms set out on the label and subject thereto. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

DIRECTIONS FOR USE

ON-SEED APPLICATION:

Shake well before use. Settling of bacteria is normal. Shake product to achieve uniform suspension. Protect inoculated seed from sunlight and drying winds. For best results, plant inoculated seed as soon as possible but inoculated seeds should go to ground within 64 days.

CAUTIONS: Over-application may initially cause sticky seed. Dried seeds are no longer sticky, but seeds may be clumped or bridged. Break seed clumps before planting. Reduce rate of SoyRhizo® to get rid of the problem. Some seed-applied chemicals, including fungicides, may be harmful to the inoculant. Contact XiteBio Technologies Inc. for more information.

Continuous Application:

-Remove bag from box. Shake to ensure proper suspension. Attach dosing cap and tube firmly to the bag. Hang directly using reinforced hole, with dosing nozzle at bottom.

-Calibrate the system, to ensure that 1.68 fl oz (49 ml) of SoyRhizo® flows out of the nozzle in the time that 60 lb (27 kg) seed passes beneath it.

Batch Application:

-Remove bag from box. Shake to ensure proper suspension. Pour the appropriate amount into the measuring cup for the quantity of seed being inoculated.

-Pour over the seed. Apply at a rate of 49 ml/27 kg (1.68 fl oz/bu).

-Mix well to coat all seed evenly.

IN-FURROW APPLICATION:

Shake well before using to ensure an even suspension. Settling of bacteria during storage is normal. Ensure a clean liquid delivery system is used to apply the SoyRhizo® inoculant. Remove spray tips and replace with appropriate flow regulator orifice disc, and direct the solid stream behind the seed planting assembly in the furrow. Do not apply banded to the side, below or above the seed.

Mixing procedures: Clean the applicator tank and empty the correct amount of SoyRhizo® liquid inoculant to be applied directly into the tank. Fill the tank with appropriate amount of clean, non-chlorinated water for this amount of inoculant. The addition of the water will mix the product adequately. No agitation is required to maintain a suspension. Use the diluted product within 24 hours. Do not allow the tank mix to exceed 25°C (77°F).

Application Procedures: SoyRhizo should be applied at a rate of 175 mL/ac (432 mL/ha) at 30 inch (76 cm) row spacing. The diluted product may be applied at 3 to 20 gallons per ac (28 to 190 liters per ha). Calibrate the flow rate to deliver the correct amount depending on row spacing.

Please see Table below.

Row Spacing (inches)	Row Spacing (cm)	SoyRhizo® rate (mL/ac)	SoyRhizo® rate (mL/ha)	SoyRhizo® rate (fl oz/ac)	Area treated/bag (ac)	Area treated/bag (ha)
30	76	175	432	5.9	72.0	29.2
22.5	57	263	649	8.9	47.9	19.4
15	38	350	865	11.8	36.0	14.6