

# XiteBio<sup>®</sup> SoyRhizo<sup>®</sup>

## Liquid Inoculant For Soybean

### Promotes Soybean Yield and Nodulation

#### GUARANTEED MINIMUM ANALYSIS:

**2 Billion (2 X 10<sup>9</sup>) 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 SUNLIGHT 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)

-In-Furrow Only

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

#### UNIT TREATS:

-On-Seed

1135 kg (2500 lb)  
42 bu (50 Units)

-In-Furrow Only

12 acres at 30 inch row spacing  
4.9 ha at 76 cm row spacing

**NET WEIGHT: 2.1 kg (4.6 lbs)**

**NET CONTENT: 2.1 Liters (71.0 US fl oz)**

Lot number: \_\_\_\_\_

Use before: \_\_\_\_\_

#### NOT A PLANT FOOD PRODUCT

REGISTRATION NUMBER: 2013069A FERTILIZERS ACT

#### DIRECTIONS FOR USE ON-SEED:

Shake bladder well to achieve uniform suspension of the liquid product. Settling of bacteria is normal. Ensure seed treater has been properly calibrated and flushed clean of contaminants. Protect SoyRhizo<sup>®</sup> bladder, applicator tanks & inoculated seed from sunlight, drying winds and temperature that is below 4°C (39°F) or above 25°C (77°F). Apply SoyRhizo<sup>®</sup> at 49 ml (1.68 fl oz) per 27 kg (60 lb) of seed. Ensure seed is evenly treated. For best results, plant inoculated seed as soon as possible but inoculated seeds should be planted within 90 days. In fields with no history of soybean production (>3 years), the application of SoyRhizo in-furrow is suggested. Contact XiteBio representative for more information (204-257-0775) on SoyRhizo application specific to your farm.

**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<sup>®</sup> to get rid of the problem. Some seed-applied chemicals including fungicides, insecticides & fertilizers may be harmful to the inoculant. Contact XiteBio representative for more information (204-257-0775).

# XiteBio<sup>®</sup> SoyRhizo<sup>®</sup>

## DIRECTIONS FOR SINGLE INOCULATION IN-FURROW APPLICATION:

Shake well before using to ensure an even suspension. Settling of bacteria during storage is normal. Ensure liquid delivery system has been properly calibrated and flushed clean of contaminants. Remove spray tips and replace with appropriate flow regulator orifice disc, and direct the solid stream behind the seed planting assembly in the furrow.

**Mixing Procedures:** Clean the applicator tank and fill with 50% of the desired volume of clean water or compatible liquid solution. Add the correct amount of SoyRhizo<sup>®</sup> liquid inoculant to the solution and continue to fill the remainder of the tank. The addition of the remaining water or liquid solution will mix the product adequately. Agitation may require to maintaining a suspension. Do not allow the SoyRhizo<sup>®</sup> bladder or tank mix to be exposed to direct sunlight or to temperatures below 4°C (39°F) or above 25°C (77°F). When mixing with only water, solution should be applied within 24 hours. For all other products, contact XiteBio Technologies Inc. for application window (204-257-0775).

**Application Procedures:** Apply in a solid stream with an appropriate flow regulator orifice disc directly behind the seed into the furrow prior to covering with soil. Do not apply banded to the side, below, above the seed, or directly to the soil surface. Ensure that direct contact is made with the seed. Apply with enough liquid solution to achieve a consistent delivery rate with a minimum of 28-190 L of solution per hectare (3-20 US gal/acre). Some chemicals including fungicides, insecticides & fertilizers may be harmful to the inoculant. Contact XiteBio representative for more information (204-257-0775). When dual inoculating or applying SoyRhizo on seed in conjunction with an in-furrow application of SoyRhizo contact XiteBio representative for more information (204-257-0775).

## Please See Table Below (Single Inoculation In-furrow Only Application Rates):

Row Spacing (inches)	Row Spacing (cm)	SoyRhizo <sup>®</sup> rate (mL/ac)	SoyRhizo <sup>®</sup> rate (mL/ha)	SoyRhizo <sup>®</sup> rate (fl oz/ac)	Area treated/bag (ac)	Area treated/bag (ha)
30	76	175	432	5.9	12.0	4.9
22.5	57	263	649	8.9	8.0	3.2
15	38	350	865	11.8	6.0	2.4

**Note:** Dual inoculation rates may vary if seeding on virgin ground with no previous history of soybeans. Please contact your local XiteBio representative @ 204-257-0775 for more information.

**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.