

Soil Implant[®]+

granular inoculant for

soybean

Extended label

Not a plant food product

Product No. 1207	Bulk information: Product No. 1240
Net weight 18 kg (40 lb)	Net weight 454 kg (1,000 lb)

Features

- This product is a culture of nodule-forming, nitrogen-fixing bacteria which gather free air nitrogen and make it available to the plant
- Applies easily through standard insecticide hoppers
- Injects massive numbers of bacteria directly into the soil as you plant
- Separates bacteria from direct contact with chemical seed protectants
- An essential part of your program to increase yields – profitably

Caution

- Avoid prolonged or repeated skin contact or inhalation of dust. Recommend wearing of dust mask, safety glasses, and protective gloves

GUARANTEED MINIMUM ANALYSIS

Contains a minimum of 100 million (1×10^8) viable cells of *Bradyrhizobium japonicum* per gram

Direction for use

Soil Implant inoculant is different from granular pesticides in that it has a high moisture content. This is essential for bacteria survival. For best performance read and follow these directions for use.

1. **Prepare application equipment:** Clean insecticide hopper, rotor and calibration mechanism thoroughly before filling. Remove all leftover insecticide. Clean the feeding mechanisms before calibrating. Adjust flexible tubing from hopper to planting shoe so that it is straight and vertical as possible. Fill large box only 1/4 full
2. **Determine application rate:** Soil Implant should be applied in-furrow at the rate of 1.5 ounces up to 6 ounces per 1,000 feet of row (40 grams up to 170 grams per 300 meters of row)
3. **Calibrate equipment** before each use. Follow calibration instructions supplied by the equipment manufacturer. Set controls at a larger opening and adjust down to give the desired application rate of 40 to 170 grams per 300 meters of row (1.5 to 6 ounces per 1,000 feet of row)

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Metric system: To apply at the rate of 170 grams per 300 meters of row, calibrate equipment to place 7.1 kilograms per hectare for 0.8 meter rows, at 8 kilometers per hour. Adjust equipment down, only a small amount at one time – then try.

Note: 250 ml of Soil Implant inoculant weighs approximately 190 grams. If planting in other than 0.8 meter rows, use the following table to determine the amount of Soil Implant required per hectare:

Row width (meters)	0.8	0.5	0.4	0.3	0.2
Kilograms/hectare	1.8 – 7.1	2.9 – 11.4	3.6 – 14.2	4.8 – 19.0	7.2 – 28.4

U.S. customary system: To apply at the rate of 6 ounces per 1,000 feet of row, calibrate equipment to place 6.5 pounds per acre for 30 inch rows, at 5 miles per hour. Adjust equipment down, only a small amount at one time – then try.

Note: One heaping cupful of Soil Implant inoculant weighs approximately 6 ounces. If planting in other than 30 inch rows, use the following table to determine the amount of Soil Implant required per acre:

Row width (inches)	30	20	15	10	7
Pounds/acre	1.6 – 6.5	2.5 – 9.8	3.3 – 13.1	4.9 – 19.6	7.0 – 28.0

4. Do not fill tank/hopper until you get to the field. Remove all unused Soil Implant inoculant at completion of day's work. Do not allow to remain in hoppers overnight

Precautions

- Store in a cool, dry place and keep bag tightly closed. Store flat
- Use before expiration date
- Do not mix with fertilizer
- Do not band this material. It must be applied in the furrow

Flowability

1. Soil Implant flow may be affected by humid conditions. Clean rotor and adjustable opening often to insure good flow. See limited warranty at right
2. Do not use Chemical-Saver meter roller on John Deere MaxEmerg[®] Plus planters. Remove system while Soil Implant is being used

Limited warranty

The seller warrants that this product contains a minimum number of *Bradyrhizobium japonicum* per gram as specified on this label. The seller makes no other warranty expressed or implied as to product viability or performance since storage, use, and growing conditions are beyond the 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.

Registration # 790149A Canada Fertilizers Act

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