

# Optimize<sup>®</sup> 200 Inoculant



soybean

## ATTENTION:

This specimen label is provided for general information only.

- This biological product may not yet be available or approved for sale or use in your area.
- It is your responsibility to follow all Federal, state and local laws and regulations regarding the use of biologicals.
- Before using any biological, be sure the intended use is approved in your state or locality.
- Your state or locality may require additional precautions and instructions for use of this product that are not included here.
- Monsanto does not guarantee the completeness or accuracy of this specimen label. The information found in this label may differ from the information found on the product label.
- You should not base any use of a similar product on the precautions, instructions for use or other information you find here.
- Always follow the precautions and instructions for use on the label of the biological you are using.

## MINIMUM GUARANTEED ANALYSIS

ACTIVE: 2 billion ( $2 \times 10^9$ ) viable cfu/g  
*Bradyrhizobium japonicum*  
 $1 \times 10^{-7}\%$  lipo-chitooligosaccharides

INERT: Aqueous carrier >99%

## NONPLANT FOOD INGREDIENT

Not a fertilizer substitute

Read the entire label before using this product. Use only according to label directions. Open package only when ready to use. Use before expiration date.

## How it Works

Optimize<sup>®</sup> products combine LCO technology with quality inoculants. The LCO molecule enhances the soil microbial environment to support the plant's nutritional availability, supporting the growth and yield potential of the crop, while the bacterial inoculant grows on plant roots and forms root nodules which convert, or fix, nitrogen from the air into forms the plant can use.

## Application rate

125 ml/45.4 kg  
(4.25 fl oz/100 lb)

## For Best Results:

### On-seed stability

- 220 days on-seed when applied without other seed treatments.
- For a list of compatible seed treatments, contact Monsanto Company at 1-877-775-8787.

## Directions for application

- Ensure that treater has been properly calibrated.
- Pour Optimize 200 Inoculant into mix tank.
- Pour in Liquid Additive.
- Start mix tank agitation.
- Apply at a rate of 125 ml/45.4 kg (4.25 fl oz/100 lb).
- Prepare only as much Optimize as will be used that day.

## Seed treatment recommendations

- If used with seed treatments, apply recommended rate to Optimize 200 Inoculant.
- We do not recommend the use of additional water, polymers, or dyes beyond what is required with the seed treatment.
- Application with other seed treatments is possible, but may reduce the planting window. For up-to-date pesticide compatibility information, please call Monsanto Company at 1-877-775-8787.



ACCELERON<sup>®</sup>  
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Manufactured For  
and Guaranteed By:  
Monsanto Company  
800 N. Lindbergh Blvd.  
St. Louis, Missouri 63167 USA

For Medical, Transportation,  
Spill or Other Emergencies  
Call Collect 24 Hours a Day  
1-314-694-4000

For Product Use Information  
Call: 1-877-775-8787

# Optimize® 200 Inoculant



Double inoculation, the act of using a double application of a rhizobial inoculant, is recommended in certain soil conditions (such as when planting on land previously used for pasture or planting soybean for the first time). Double inoculation can be achieved by application of any combination of liquids, peat powders, or furrow-applied liquid or granule rhizobial inoculants that are labeled for the target crop. For additional information, please see <http://www.monsantobioag.com/global/us/Pages/Double-Inoculation-for-Soybeans.aspx>

## Applicators and Other Handlers

The active ingredients in Optimize 200 Inoculant are *Bradyrhizobium japonicum* and lipo-chitooligosaccharide. Use appropriate personal protective equipment (PPE) to reduce exposure. Eye or skin contact, inhalation, or ingestion should be avoided. Wear standard protective clothing and equipment including gloves, and safety glasses. Ensure adequate ventilation. Where exposure through inhalation may occur, use respiratory protective equipment. In case of contact with skin or eyes, immediately flush exposed areas with plenty of water. Get medical attention if irritation occurs.

## Storage and Disposal

### Caution

- Shake well before use.
- Store product and treated seeds between 5-15°C.
- Maintain in cool and dry conditions.
- Avoid temperatures consistently over 35°C/95°F and long-term freezing conditions.
- Avoid exposure to direct sunlight and heat sources.
- Use before expiration date.
- Open package only when ready to use.

Unused Optimize 200 Inoculant and Optimize 200 Inoculant inoculated seed should be disposed of in accordance with applicable federal, state and local requirements, and should not be used for food, feed, or oil purposes.

To ensure proper labeling for your state, please go to: [www.monsantobioag.com](http://www.monsantobioag.com)

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.html>

## Limited Warranty

The Seller warrants that this product contains a minimum number of *Bradyrhizobium japonicum* viable cells and minimum concentration of lipo-chitooligosaccharides as specified on this label. The Seller makes no other warranty expressed or implied as to product viability or performance since product 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. If this product does not perform as warranted above, and to the extent consistent with applicable law, customer's sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of Monsanto Company.

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Patents that cover Optimize can be found at [www.monsantotechnology.com](http://www.monsantotechnology.com)

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