



Contains **LCO Promoter Technology®** delivered in an elite *Bradyrhizobium japonicum* inoculant for superior nitrogen fixation.

Product No. 1753 (400 unit case)

NET WEIGHT: 17.75 kg (39 lbs)
NET CONTENTS: 12.78 L (432 fl oz) *Optimize 400* liquid plus 3.79 L (128 fl oz) liquid additive

Product No. 1754 (4 x 2 x 50 unit case)

NET WEIGHT (case): 17.75 kg (39 lbs)
NET WEIGHT (carton): 4.43 kg (9.8 lbs)
NET CONTENTS (carton): 3.19 L (108 fl oz) *Optimize 400* liquid plus 0.95 L (32 fl oz) liquid additive

ACTIVE INGREDIENTS

- Lipo-chitooligosaccharide minimum of 2 x 10⁻⁷%
- *Bradyrhizobium japonicum*
To obtain the Certificate of Analysis, (including rhizobia count information) on each production lot of *Optimize 400*, visit www.Optimize400.com and enter the lot number on the box

NOT A PLANT FOOD PRODUCT

LIMITED WARRANTY

EMD Crop BioScience Inc. (or EMD Crop BioScience Canada Inc., dependent on which entity is the seller of this product) (the seller of this product is referred to herein as "EMD") guarantees that this product conforms to its label description and is suitable for its intended use if stored and used strictly in accordance with label directions under normal conditions of use. EMD, through its distributors, must be notified of any field performance complaint within seventy (70) days after planting. EMD's sole obligation under this warranty shall be to refund the purchase price. EMD SHALL NOT BE LIABLE FOR AND DISCLAIMS ALL CONSEQUENTIAL, INCIDENTAL AND CONTINGENT DAMAGES WHATSOEVER. Without limiting the foregoing, EMD shall not be responsible for loss or partial loss of crop from any cause whatsoever. EMD SHALL NOT BE SUBJECT TO ANY OTHER OBLIGATIONS OR LIABILITIES, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES OF LAW. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, AND SELLER EXPRESSLY DISCLAIMS AND EXCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. THE ABOVE LIMITED WARRANTY IS VOID WHERE PROHIBITED BY LAW.

ISO 9001

DIRECTIONS FOR APPLICATION

- Ensure that treater has been properly calibrated.
- Shake well before use.
- Pour *Optimize 400* liquid into mix tank.
- Pour in liquid additive.
- Start mix tank agitation.
- Apply at a rate of 2.8 fl oz / 100 lbs.
- Prepare only as much *Optimize 400* as will be used that day.



APPLICATION RATE

FOR RETAIL APPLICATION ONLY

- 82.8 ml / 45.4 kg
- 2.8 fl oz / 100 lbs

TIME IN TANK

- 24 hours when alone in a dedicated mix tank. 4 hours when combined in the mix tank with fungicide and/or insecticide seed treatments.

ON-SEED STABILITY & SEED TREATMENT RECOMMENDATIONS

- If used with seed treatments, apply recommended rate to *Optimize 400* mixture and agitate.
- We do not recommend the use of additional water, polymers, or dyes beyond what is required with the seed treatment.
- If using additional water with *Optimize 400*, use chlorine-free water.
- If using additional water with fungicide and insecticides, use chlorine-free water.
- For a list of compatible seed treatments, contact EMD Crop BioScience at (800) 558-1003 or visit www.emdcropbioscience.com.

SPECIAL RECOMMENDATIONS FOR MOLYBDENUM SEED TREATMENTS

- 12-hours time on-seed compatibility prior to planting when used with products such as *ApronMaxx + Moly* or any molybdenum containing seed treatments, because the concentration of molybdenum in these seed treatments is toxic to *Bradyrhizobium japonicum*.
- For up to date information, refer to www.emdcropbioscience.com.

SPECIAL RECOMMENDATIONS FOR NEW GROUND OR ADVERSE CONDITIONS

- Land being planted to soybeans for the first time, land coming out of CRP, land not having soybeans planted in the rotation for the past 4 years, and planting in adverse conditions requires special attention. Use *Optimize 400* on-seed followed by an in-furrow application of Cell-Tech or Soil Implant. Adding in-furrow rhizobia will enhance nodulation on the lateral roots.

PRODUCT STABILITY

- Unopened Package: Two Years

For more information, call (800) 558-1003, visit our website at www.emdcropbioscience.com, or contact your EMD Crop BioScience sales representative.

Manufactured by:
EMD Crop BioScience
3101 W. Custer Avenue
Milwaukee, WI 53209

