

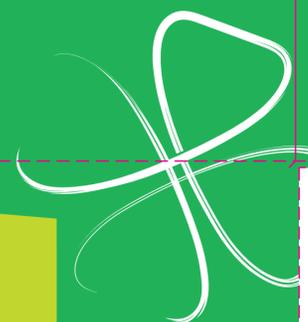
Optimize[®] liquid

LCO Promoter Technology[®] for peanut

Application rate
1 oz/1,000 feet
of row
10 acres at 36-inch
row spacing

Package treats

MINIMUM GUARANTEE
2 billion (2 x 10⁹) *Bradyrhizobium* sp.
viable cells per gram
Lipo-chitoooligosaccharide
minimum of 1 x 10⁷%
Formulated in an inoculant carrier



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Limited warranty
The seller warrants that this product contains a minimum number of *Bradyrhizobium* sp. viable cells and lipo-chitoooligosaccharide 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 trends. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

U.S. Patent 5,549,718 5,646,018 6,979,664

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novozymes[®]
Rethink Tomorrow

Novozymes BioAg
3935 Thatcher Avenue
Saskatoon, SK Canada S7R 1A3
1-888-744-5662*

* Available 24 hours a day/7 days a week,
April-June 15, otherwise business hours.

F.P.O.
UPC CODE

PROD. # 6030-708

Optimize[®] liquid

LCO Promoter Technology[®] for

peanut

PROD. # 6030-708

Not a plant food product

Net weight
9 lb 4 oz

Net contents
1.1 gallon

USA

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2620-240

Caution

Store in cool, dry place and out of direct sunlight.
Use before expiration date and only on peanuts.
Open package only when ready for use.

Shake well before use.
Do not mix with unapproved products.
For a list of compatible seed treatments,
contact Novozymes BioAg at 1-888-744-5662.

PROD. # 6030-708

Directions for application

- Clean the liquid system with a cleaning solution.** Optimize is a biological product, which may be sensitive to chemical residues.
- Convert the sprayer to in-furrow application.** Remove spray tips and replace with appropriate flow regulator "orifice discs". Proper orifice disc number may be determined from sprayer manual. The objective is to obtain a solid stream of liquid into the furrow. Place spraying assembly behind the seed planting assembly so that the solid stream of product will flow into the furrow and onto the seed. Optimize should be on the seed in the furrow, not to the side, nor above, nor below the seed.
- Mixing instructions.** Fill clean spray tank half full with clean, non-chlorinated water. Pull the Optimize package from the carton, shake well, remove the cap and inner seal, and empty into the cleaned spray tank. For rapid dispensing, hold the Optimize package over the spray tank and cut the corner of the bag. Add remainder of clean, non-chlorinated water to spray tank to the appropriate solution level. Optimize will be mixed with this procedure and does not require agitation to remain in suspension. Use the diluted product within 24 hours. Do not allow the diluted tank mix to exceed 100 °F.
- Application rate/unit coverage.** The Optimize concentrate is applied in-furrow at a rate of 1 oz/1,000 feet of row. The quantity of Optimize applied per acre varies depending upon the row width. The measurement chart below provides the recommended rate of Optimize per acre and also indicates the number of acres treated with each Optimize unit. Optimize concentrate must be diluted with clean, cool, non-chlorinated water and applied with a liquid system. The application of the diluted liquid should be approximately 3 to 20 gallons/acre based on equipment used and soil moisture. Calibrate sprayer to deliver correct amount.
- Adverse conditions.** Hot/dry soil: minimize the harmful effects of hot/dry soil on the product by applying water as soon as possible (irrigated land). Pivot irrigation – begin the irrigation on the peanuts that were planted first.
Flooded/waterlogged soil: Optimize may not perform as well in flooded or waterlogged soil.

U.S. Customary Measurements

ROW WIDTH (inches)	RECOMMENDED OPTIMIZE RATE (ounces/acre)	1.1 GALLON UNIT TREATS (acres)
30"	17	9
36"	15	10
38"	14	11
40"	13	12

1.1 gallon = 142 ounces

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