

Optimize[®] LIFT[®]

LCO Promoter Technology™ for Peanuts

Product No. 1760

NOT A PLANT FOOD PRODUCT

NET WEIGHT: 9 lb 4 oz

NET CONTENTS: 1.1 gallon

Application Rate

1 oz/1000 feet of row

Package Treats

10 acres at 36-inch row width

Active Ingredient

Product contains a minimum of 1 x 10⁻⁷ % lipo-chitooligosaccharide

Other Ingredients

Aqueous carrier > 99%

Formulated in LIFT Inoculant Carrier

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 products, contact EMD Crop BioScience at 1.800.558.1003 or visit www.emdcropbioscience.com.

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U.S. Patent 5,549,718 5,646,018 5,175,149 5,321,011

Directions for Application

1. CLEAN THE LIQUID SYSTEM WITH A CLEANING SOLUTION.

Optimize LIFT is a biological product, which may be sensitive to chemical residues.

2. 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 spraying 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 on the seed. *Optimize LIFT* should be on the seed and in the furrow before it closes, not to the side nor above or below the seed.

3. HOW TO EMPTY PACKAGE AND MIX.

Shake well. Fill clean spray tank half full with clean, non-chlorinated water. Pull the *Optimize LIFT* package from the carton, remove the cap and inner seal and empty into the cleaned spray tank. For rapid dispensing, hold the *Optimize LIFT* 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 LIFT* 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.

4. APPLICATION RATE/UNIT COVERAGE.

The *Optimize LIFT* concentrate is applied in-furrow at a rate of 1 oz/1000 feet of row. The quantity of *Optimize LIFT* applied per acre varies depending upon the row width. The measurement chart provides the recommended rate of *Optimize LIFT* per acre and also indicates the number of acres treated with each *Optimize LIFT* unit. *Optimize LIFT* 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.

5. 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 LIFT* may not perform as well in flooded or waterlogged soil.

U.S. Customary Measurements

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

1.1 gallons = 142 ounces

ISO 9001

Manufactured by
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