



Product No. 1778

FORMULATED IN AN INOCULANT CARRIER

NOT A PLANT FOOD PRODUCT

NET WEIGHT: • 40 lbs • 18 kg

ACTIVE INGREDIENT

Product contains a minimum of 2 x 10<sup>-8</sup>% lipo-chitooligosaccharide.

OTHER INGREDIENTS

Peat inoculant carrier > 99%

CAUTION:

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

- STORE IN A COOL PLACE AND KEEP BAG TIGHTLY CLOSED.
• USE BEFORE EXPIRATION DATE.
• DO NOT BAND THIS MATERIAL. IT MUST BE APPLIED IN-FURROW.
• IMPORTANT: STORE FLAT UNTIL READY TO USE.
• USE BEFORE DATE PRINTED ON TAPE.

LIMITED WARRANTY: EMD Crop BioScience Inc. (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.

ISO 9001



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

DIRECTIONS FOR USE

READ DIRECTIONS BEFORE USE.

- 1. APPLICATION EQUIPMENT: Optimize Pulse IF is best applied with the following granular application equipment: a) dedicated air seed tank; b) bulk granular applicators (Beline, Valmar, etc.); c) hoe-drill or press-drill units...
2. DETERMINE APPLICATION RATE: Optimize Pulse IF should be applied in-furrow at the rate of 1.4 ounces per 1000 feet...
3. CALIBRATE EQUIPMENT before each use. Follow calibration instructions supplied by the equipment manufacturer.

U.S. customary system: To apply at the rate of 1.4 ounces per 1000 feet of row, calibrate equipment to place 5 pounds per acre for 9 inch rows.

NOTE: One-quarter cupful of Optimize Pulse IF weighs approximately 1.4 ounces. If planting in other than 9 inch rows, use the following table to determine the amount of Optimize Pulse IF required per acre:

Table with 2 rows: Row Width (inches) and Pounds/Acre. Columns for 30, 22, 15, 12, 9, 7 inch widths.

Metric system: To apply at the rate of 40 grams per 300 meters of row, calibrate equipment to place 5.6 kilograms per hectare for 23 centimeter rows.

NOTE: 70 ml of Optimize Pulse IF weighs approximately 40 grams. If planting in other than 23 centimeter rows, use the following table to determine the amount of Optimize Pulse IF required per hectare:

Table with 2 rows: Row Width (centimeters) and Kilograms/Hectare. Columns for 76.0, 55.9, 38.0, 30.0, 23.0, 17.8 cm widths.

- 4. NOTE: Some growers have increased yields by using application rates in excess of 1.4 ounces per 1000 feet...
5. Do not fill tank/hopper until you get to the field. Remove all unused Optimize Pulse IF inoculant at completion of day's work.

FLOWABILITY:

- 1. Optimize Pulse IF flow may be affected by humid conditions. Clean rotor and adjustable opening often to insure good flow.
2. Do not use Chemical-Saver meter roller on John Deere MaxEmerge Plus planters.