



**BioLiNE® Emerald**  
Science. Solutions. Success.



**A liquid solution consisting of highly purified fulvic acids, optimized for enhancing abiotic stress tolerance.**

#### Guaranteed Minimal Analysis

Fulvic Acid	3%
-Hydrophobic Fulvic Acid (ISO 19822)	1%

**Purpose:** BioLiNE® Emerald is recommended for use with all crops to maximize nutrient use efficiency and enhance abiotic stress tolerance.

**General Information:** BioLiNE® Emerald can be used on any crop grown either in soil or hydroponically, and is recommended for use with all fertilizer programs. It can also be used as an ingredient in seed treatment to enhance germination and early stage plant development. For field crop usage, it can be applied to the soil in-furrow, banded, or side-dressed. It can also be applied by fertigation or as a foliar spray.

**Mixing Instructions:** This product is compatible with most crop inputs. It is prudent to conduct a jar test before mixing. Standard dilution for BioLiNE® Gold is a minimum of one-hundred (100) litres of water per hectare for even coverage.

**Storage and Handling:** Store in original container, in a cool, dry place, out of reach of children.

**Manufactured By: BioLiNE Corporation**  
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**Directions for use:** BioLiNE® Emerald can be applied to the soil, as a foliar spray, or by fertigation on its own or mixed with other crop inputs. For details please contact your BioLiNE® dealer or a professional crop consultant.

**Field Crops:** For all field crops including: corn, soybeans, wheat, barley, oats, alfalfa, canola, tomato, potato, sorghum, cotton, and all others.

**Soil:** Apply 750 - 1,300 ml/ha at time of seeding.

**Foliar:** Apply 580 - 1,600 ml/ha, 2 to 3 times a season. The timing of foliar applications will depend on crop management program used. Examples of timing are:

**Corn:** 1st foliar at V6, 2nd foliar at VT, 3rd at R1-R5.

**Soybeans:** 1st foliar at V5 to R1, 2nd foliar at R1-R5.

**Wheat / oats / barley:** 1st foliar at tillering, 2nd foliar at jointing/booting, 3rd foliar at ripening.

**Alfalfa:** 1st foliar at mid bud, and after each cut.

**Potato:** Apply every 10 days during growth.

**Tomato / Cucurbita & Field Vegetables:** Apply with each fungicide spray.

**Gardening / Horticulture:** Make a 50 - 150ppm solution by diluting 1/600 to 1/200 and apply once a week.

#### Net Weight:

Volume: 1,000 L  
Weight: 1,030 kg  
Density: 1.03 kg/L

#### CAUTION:

**KEEP OUT OF REACH OF CHILDREN.**

#### WARNING:

H315: Causes skin irritation

H319: Causes serious eye irritation



#### Precautionary Statements:

Low pH, acidic product that may be harmful if swallowed. Wash any contact areas thoroughly after handling. Do not eat, drink or smoke when using product. Wear protective gloves / eye protection / face protection.

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice / attention.

**IF IN EYES:** Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice / attention.

#### Warranty & Conditions of Sale:

Seller warrants only that this product consists of the ingredients specified, and makes no guarantees or warranties, expressed or implied with respect to its use. Purchaser assumes all risk of use, storage & handling of the product. BioLiNE Corp. shall not be held liable for any damage resulting from the use, handling or contact with this product.



Approved and Inspected Under  
Canadian Regulation COR  
(Canadian Organic Regulation)