



UltraMate® MnB

PLANT AND SOIL HEALTH SOLUTIONS

Grade: 1-0-2

Product Code: 10008535 (Tote) / 10008590 (Bulk)

GUARANTEED ANALYSIS

Nitrogen (N)	1.0%
1.0%...Other Soluble Nitrogen	
Soluble Potash (K ₂ O)	2.0%
Sulfur (S)	1.0%
1.0%...Water Soluble Sulfur	
Manganese (Mn)	2.0%
Boron (B)	0.5%

Derived from: boric acid, manganese EDTA, and potassium humate

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

Guaranteed Analysis-Soil Amending Ingredients

ACTIVE INGREDIENTS

Humic Acids (derived from Leonardite) 12.0%

INERT INGREDIENTS

Total Other Ingredients (from fertilizer material) 88.0%

WARNING: This fertilizer contains boron. Its use on any crops or under conditions other than those recommended may result in serious injury to the crops.

PURPOSE: Humic acids may increase the uptake of micronutrients.

PRODUCT INFORMATION: UltraMate MnB is a sulfonated potassium humate liquid with the additional benefits of manganese and boron. It completely mixes when added directly to liquid fertilizer, micronutrient, or pesticide formulations over a wide range of pH values. UltraMate MnB allows plants to utilize N, K, Mn, B, and other micronutrients more efficiently, reducing leaching and improving soil structure.

DIRECTIONS FOR USE: UltraMate MnB can be applied to all crops including fruits, vegetables, trees, vines, flowers, ornamentals, turf, (include lawns, sod farms, commercial properties, athletic fields, golf greens, tees and fairways) grain and other row crops, greenhouse plants and other indoor crops. Application rates and frequency are dependent upon soil and climate conditions present. Typical application rates range from 1 to 1.5 gallons of UltraMate MnB per acre per application. Do not allow to freeze. UltraMate MnB is compatible with many crop protection products as a tank mix partner. The Andersons recommends a compatibility (jar) test before field mixing and application. Always read and follow all individual product labels before use. For more information, visit AndersonsPlantNutrient.com/Tank-Mix.

UltraMate MnB may be applied as a liquid or with liquid fertilizers. Do not apply directly on the seed. Also, it may be applied through conventional methods but not limited to foliar spray, soil application, drip irrigation, water run or hydroponically. UltraMate MnB is not compatible with glyphosate concentrate, but will work with the tank mixes containing glyphosate.

UltraMate MnB is best mixed under continuous, mild agitation or circulation. When tank mixing with other ingredients, always start with water, UltraMate MnB, followed by (in order) fertilizer, herbicide, fungicide, insecticides.

Compatibility can be simply checked by:

- Mixing each product in a clear container in the same proportion to be used in the field
- Agitating for at least 60 seconds
- Visually observing for precipitate. Do not apply near water, storm drains or drainage ditches.

Do not apply if heavy rain is expected. Apply this product only to area to be treated.

RECOMMENDED RATES: This product should be used on the basis of a soil and/or tissue analysis. Suggested application rates are for one growing season (gallons per acre) in the absence of soil and/or tissue analysis.

	Application	Use Rate (per acre)
Row Crops	Pre-plant broadcast, 2x2 Siddress or Weed N Feed	1-3 gallons

pH: 7.5 | Salt Out: 29°F



DANGER

CAUSES SERIOUS EYE IRRITATION
SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD

PRECAUTIONARY STATEMENTS:

- Wear protective gloves and clothing
- Remove contaminated clothing and wash before reuse
- Avoid breathing vapors/mists
- Use only outdoors or in well-ventilated area
- In case of inadequate ventilation wear respiratory protection
- If exposed or concerned call poison control or seek medical attention
- Wash thoroughly after handling
- Do not eat, drink or smoke when using this product

FIRST AID MEASURES:

- If inhaled: Move to fresh air and keep comfortable, seek medical attention if unwell.
- If on skin: Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.
- If in the eyes: Immediately flush with water for 15-20 minutes. Remove contact lenses if present and easy to do-continue rinsing and seek medical attention if irritation continues.
- If swallowed: Rinse mouth and seek medical attention. DO NOT INDUCE VOMITING unless directed by a medical professional.

IMPORTANT: READ BEFORE USE: Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability:

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY: Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS.

LEGAL RIGHTS: THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION TO STATE/JURISDICTION.

Net Contents	L	Kg	Gal.	Lbs.
Jug	9.5	11.5	2.5	25.3
2x2.5 gal case	18.9	22.9	5.0	50.5
Tote	1041.0	1259.9	275.0	2777.5
Bulk			Bulk Density = 10.1 lbs/gal @ 68°F	

Manufactured by:
The Andersons, Inc.
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Product of U.S.A.
800-757-8951 (emergency)
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