

# Complestal® Microplant Mg

GUARANTEED ANALYSIS:	
Total Nitrogen (N).....	5.000%
3.60% Urea Nitrogen	
1.40% Ammoniacal Nitrogen	
Soluble Potash (K <sub>2</sub> O).....	10.000%
Magnesium (Mg).....	1.800%
1.80% Water Soluble Magnesium (Mg)	
Sulfur (S).....	5.200%
5.20% Combined Sulfur (S)	
Boron (B).....	0.300%
0.30% Water Soluble Boron (B)	
Copper (Cu).....	0.500%
0.50% Chelated Copper (Cu)	
Iron (Fe).....	1.000%
1.00% Chelated Iron (Fe)	
Manganese (Mn).....	1.500%
1.50% Chelated Manganese (Mn)	
Molybdenum (Mo).....	0.010%
0.01% Water Soluble Molybdenum (Mo)	
Zinc (Zn).....	1.000%
1.00% Chelated Zinc (Zn)	

#### DERIVED FROM:

Potassium Nitrate, Potassium Sulfate, Magnesium Chloride, Potassium Borate, Copper EDTA, Iron EDTA, Manganese EDTA, Sodium Molybdate, Zinc EDTA.

#### KEEP OUT OF REACH OF CHILDREN

#### WARNING

#### PRECAUTIONARY STATEMENTS:

Causes skin irritation. Causes eye irritation. If medical advice is needed, have product container or label at hand. Read label before use. Wash protective equipment and work clothes thoroughly after handling. Wear personal protective equipment. Specific treatment is given in the First Aid section on this label or on the SDS.

**WARNING:** This fertilizer contains boron, which may be injurious to certain crops. Contact your local county agent or field consultant for specific information.

**CAUTION:** This fertilizer is to be used only on crops which respond to molybdenum. Crops high in molybdenum are toxic to grazing animals (ruminants).

#### FIRST AID

**If Swallowed:** Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

**If In Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**If On Skin:** Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

**If Inhaled:** Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

Foliar fertilization can be an effective remedy for diagnosed plant deficiencies of secondary nutrients and micronutrients, but may cause plant damage if applied at more than recommended rates or concentrations. Use of this product is recommended only as a supplement to a regular fertilization program and may not, by itself, provide all the nutrients normally required by crops or other intended plants.



## USE DIRECTIONS FOR FOLIAR FERTILIZATION · IMPORTANT HANDLING INSTRUCTIONS, PLEASE READ

**Complestal Microplant Mg** is a high load suspension fertilizer. During storage an internal structure forms to retard settling and separation. At time of use, this structure is easily destroyed by striking the container forcefully with a rubber mallet or fist, followed by aggressive shaking of the container. Always apply with sufficient water or tank mix partners to ensure thorough leaf coverage. Avoid application during periods of excessive heat (mid-day) to reduce potential for leaf injury.

Crop	Timing	Purpose	Use Rate L/ha
<b>Tomatoes &amp; peppers</b>	At 4-6 leaf stage, end of first flowering/fruit set and period of fruit enlargement.	Prevention of multiple micronutrient deficiencies.	1.17
<b>Potatoes</b>	Two weeks after tuber initiation, 4-5 wks after tuber initiation and 2-3 wks before harvest.	Prevention of micronutrient deficiencies.	1.17-2.34
<b>Strawberries</b>	End of dormancy, before bloom and fruit development.	Prevention of multiple micronutrient deficiencies.	1.17
<b>Cabbage, cauliflower &amp; broccoli</b>	At 4-6 leaf stage and 2-3 weeks later.	Prevention of multiple micronutrient deficiencies.	1.17
<b>Apples &amp; pears</b>	Pre-flowering, during cell division and fruit enlargement.	Prevention of micronutrient deficiencies.	0.59 – 1.17
<b>Stone fruits</b>	Fruit enlargement.	Prevention of micronutrient deficiencies.	1.17
<b>Corn</b>	At 4-6 leaves unfolded and R1-R3.	Zinc and general micronutrient deficiencies.	2.34
<b>Soybeans</b>	At V5 to R1 growth stage.	Improved translocation of sugars and yield.	2.34

Crop	Timing	Purpose	Use Rate L/ha
<b>Cereals</b>	Heading.	Prevention of micronutrient deficiencies. Yield & quality improvement.	2.34
<b>Sugarbeet</b>	At 4-6 leaf stage, 6-8 leaf stage and shortly before closure of rows.	Complete prevention of micronutrient deficiency.	1.17
<b>Lettuce</b>	At 14 days after planting and 21 days after planting.	Prevention of multiple micronutrient deficiencies and yield increase.	1.17
<b>Carrots</b>	At 4-6 true leaf stage, roots beginning to expand and 14 days later.	Prevention of multiple micronutrient deficiencies.	1.17
<b>Small berries</b>	After bloom.	Prevention of multiple micronutrient deficiencies.	1.17
<b>Pulses</b>	At 10-11 leaf stage and bud formation.	Prevention of multiple micronutrient deficiencies.	1.17
<b>Onions</b>	At 4-6 leaf stage, 6-8 leaf stage and bulbing.	Prevention of micronutrient deficiencies.	1.17
<b>Grapes</b>	Before bloom, fruit set and berry closure.	Prevention of multiple micronutrient deficiencies.	1.17

#### MIXING

When tank mixing **Complestal Microplant Mg** with other products, conduct a jar test to ensure compatibility. Fill the spray tank with 75% of the desired water volume. While the water is agitating, add tank mix ingredients in the following order: 1. Water-soluble packets, dry flowables and dispersible granules. 2. **Complestal Microplant Mg**. 3. Flowables.

4. Emulsifiable concentrates. 5. Water-soluble pesticides. Continue agitation and finish filling spray tank to desired level. **Complestal Microplant Mg** contains un-dissolved salts prior to dilution with water. To ensure salts completely dissolve and to reduce potential accumulation on sprayer screens, ten minutes of aggressive agitation is recommended prior to application. A 50-mesh or larger screen size is recommended.

#### STORAGE AND DISPOSAL

Store in original container between 5°C and 30°C away from direct sunlight. Temperature fluctuations and long term storage may cause reversible crystallization and phase separation. Neither condition will affect product efficacy if properly mixed prior to use. Do not reuse empty container. Dispose of the container in accordance with federal, state and local regulations.

Information regarding the contents and levels of metals in this product is available on the Internet at: <http://www.aapfco.org/metals.htm>

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#### CONDITIONS OF SALE

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, LLC warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

Lot #: Please see separate label	Net Weight:
	11.89 kg (7.57 L)
	1188.5 kg (757 L)
	Other