

Magnific Magnesium Nitrate

MagnificTM

11-0-0+15 MgO

Magnesium Nitrate Hexahydrate

DESCRIPTION

Magnific is highly water-soluble and can be applied as foliar feeding or through the irrigation systems. Magnific is ideally suited for use in the prevention and the correction of Magnesium deficiency in plants.

BENEFITS

- Nitrate nitrogen allows better penetration of the Magnesium. In most cases it has a higher uptake efficacy compared to Magnesium Sulfate
- Can be mixed with most spray materials.
- Can be mixed with calcium fertilizers

GUARANTEED MINIMUM ANALYSIS

Mg (NO₃)₂·6H₂O98.5% min.
 MgO15.5% min.
 Mg 9.3% min.
 N-NO₃10.7% min.
 Iron as Fe0.01% max.

Heavy Metals (calculated as Pb) 0.001% max.
 Physicals appearance White flakes
 Particle size 70% 4-6 mm
 PH in 10% solution 6.5

DIRECTIONS FOR USE

FOILAR FEEDING

Recommended rate is between 0.5% to 2% w/w. Use low concentration for sensitive crops such as vegetables and flowers and higher concentration for crops such as oranges and wine-grape. Apply Magnific every 10-14 days when deficiency symptoms are observed or according to Extension Service recommendations

Put Magnific fertilizer into the sprayer's screen basket and flush water through the product. Further agitation in the tank is recommended. Warm water will increase the solubility rate

Magnific is compatible with most insecticides or fungicides. A compatibility test is recommended if the specific combination has not been previously used. Add pesticide after Magnific in solution and after all the water has been added.

FERTIGATION

Magnific is especially recommended when the irrigation water is high in sulfates or in EC.

Apply Magnific according to water quality. Test your plain irrigation water first and subtract that reading from the fertilizer-injected water. Typical recommended Mg rates in the irrigation solution are in the range of 20-60 ppm.

Spray Tank Preparation

Magnific Concentration (%)	Lbs Magnific / 100 gallons water
0.5 %	4.2
1.0 %	8.4
1.5 %	12.6
2.0 %	16.8

Per Gallon Magnific Concentration (Oz.) At Different Injection Ratios

Mg conct. / Injection ratio	20 ppm	40 ppm	60 ppm	80 ppm	100 ppm
1:200	5.73	11.46	17.10	22.92	28.65
1:150	4.30	8.60	12.89	17.19	21.49
1:128	3.67	7.34	11.00	14.67	18.34
1:100	2.87	5.73	8.55	11.46	14.33

CAUTION: PLEASE KEEP OUT OF REACH OF CHILDREN • HARMFUL IF SWALLOWED • AVOID BREATHING DUST

CONDITION OF SALES

Seller warrants this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with direction under normal condition and use. No one other than an office of the seller is authorized to make any warranty, guaranty or direction concerning this product. Because time, place, rate of application and other conditions of use are beyond the seller control, the seller's liability from handling, storage, and use of this product is limited to replacement of the product or a refund of the purchase price. It is impossible to eliminate all risks associated with the use of this product. Crop injury, lack of performance, all other unintended consequences may result because of such factors as use of the product contrary to label instruction, abnormal condition, presence of other material, the manner of application, or other factors, all of which are beyond the control of Rotem BKG. All such risks shall be assumed by buyer.



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