

Magnesium (Mg)

Magnesium containing plant micronutrient for seed treatments, foliar applications and granular fertilizer application

GUARANTEED ANALYSIS:

Magnesium (Mg)20.70%

Derived from: Magnesium Hydroxide

NOTE:

This product should be used as part of a complete fertilizer program. This fertilizer should be used only as recommended. Product may be harmful if misused.

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

EMERGENCY TELEPHONE:

Chemtec U.S.-Canada: 800-424-9300

Chemtec International: 703-527-3887

- 2.5 gallons (9.46 ℓ)
Net Weight: 29.19 lbs (13.24 kg)
- 2 X 2.5 gallons (2 x 9.46 ℓ)
Net Weight: 58.38 lbs (26.48 kg)
- 55 gallons (208.19 ℓ)
Net Weight: 583.80 lbs (264.80 kg)
- 275 gallons (1040.99 ℓ)
Net Weight: 3,210.90 lbs (1,456.45 kg)



WARNING

HAZARD STATEMENTS:

Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation

PRECAUTIONARY STATEMENTS

PREVENTION:

Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/ eye protection/ face protection

RESPONSE:

IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.
Continue rinsing
IF INHALED: Remove person to fresh air and keep comfortable for breathing

Storage:

Store locked up

DISPOSAL

Dispose of contents/container in accordance with the waste disposal requirements of your country, state, or local authorities

CAUTION

READ THE LABEL BEFORE USING.
KEEP OUT OF REACH OF CHILDREN AND PETS.

Tank Mixing

Read ALL labels carefully and adhere strictly to the instructions for use and advice regarding whether or not product(s) should be co-applied. Many variables can influence the performance of co-applied products and therefore co-application is entirely at the risk of the end-user. It is strongly recommended that a limited application is made initially when using unfamiliar product mixes. Before co-application of products you, or your advisor, must do a jar test.

Soil Application

All Crops:

2 to 4 quarts per acre. Apply throughout the season. Repeat at 7 to 10 day intervals as required. Water rate: Use a sufficient water volume to ensure even application (5 gallons per acre minimum).

Seed Treatment Application Recommendations

Dilution: If necessary dilute 1:0.5-0.75 basis. 1 liter of AgroFuze® Magnesium mixed with 0.5-0.75 liters water.

Treatment Method:

Tumber: Slowly pour AgroFuze® Magnesium, ensuring uniform application. Seeds should be tumbled steadily through application process.

Spray Application: Can be used with standard seed treatment application equipment. Ensure uniform application.

Can be applied in combination with fungicides, pesticides or seeds treated with pesticides. Compatibility and stability testing recommended.

***For further advice, please consult your HydroGro representative.**

Guarantee:

Seller's guarantee shall be limited to the terms set out in the label and subject thereto, the buyer assumes all risk to persons or property arising from all use or handling of this product, and accepts the product on that condition.

Impregnation Fertilizer Rate:

Desired %	Application Rates Per Metric Ton	Application Rates Per Metric Ton
0.10%	116.5 oz. (3.45 L)	10.64 lbs. (4.82 kg)
0.20%	1.82 gal. (6.90 L)	21.27 lbs. (9.65 kg)
0.30%	2.73 gal. (10.34 L)	31.91 lbs. (14.47 kg)
0.40%	3.64 gal. (13.79 L)	42.54 lbs. (19.30 kg)
0.50%	4.55 gal. (17.24 L)	53.18 lbs. (24.12 kg)

*For further advice, please consult your HydroGro representative

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AgroFuze®



Foliar Application Rates

Alfalfa: 1 to 2 pints/acre applied 10 to 14 days after regrowth commences post-cutting (when there is enough regrowth to take a spray). Water rate: 5 to 20 gallons/acre.

Apples: 1 to 2 quarts/acre after petal fall. Repeat if necessary at 10 to 14 day intervals. In cases of severe deficiency apply also before flowering (around pink bud stage). On russet sensitive varieties delay applications until 6 weeks after petal fall. Water rate: 20 to 100 gallons/acre.

Apricots: 1 to 2 quarts/acre at fruit set. If necessary a second application may be made 10 to 14 days later. Also, 2 quarts/acre after harvest but before leaf senescence. Water rate: 20 to 100 gallons/acre.

Asparagus: 4 to 5 applications of 1 to 2 quarts/acre during vegetative growth, with repeat applications at 10 to 14 day intervals. Water rate: 5 to 20 gallons/acre.

Beans: 1 to 2 quarts/acre when crop is 4 to 6" tall. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

Blackcurrant: 1 to 2 quarts/acre. 2 applications a) Full flower, b) First fruit set. Water rate: 20 to 50 gallons/acre.

Blueberries: 1 to 2 quarts/acre applied 10 days after petal fall has finished. Bushes being grown for a second cropping year should receive the fruiting year program again. Water rate: 100 gallons/acre.

Broccoli: 1 to 2 quarts/acre at 4 to 6 leaf stage, with repeat applications at the above rate at 10 to 14 day intervals for moderate to severe deficiency. Water rate: 3 to 20 gallons/acre.

Brussels Sprouts: 1 to 2 quarts/acre at 4 to 6 leaf stage, with repeat applications at the above rate at 10 to 14 day intervals for moderate to severe deficiency. Water rate: 3 to 20 gallons/acre.

Cabbage: 1 to 2 quarts/acre at 4 to 6 leaf stage, with repeat applications at the above rate at 10 to 14 day intervals for moderate to severe deficiency. Water rate: 3 to 20 gallons/acre.

Calabrese: 1 to 2 quarts/acre at 4 to 6 leaf stage, with repeat applications at the above rate at 10 to 14 day intervals for moderate to severe deficiency. Water rate: 3 to 20 gallons/acre.

Canola: For a single application, 1 to 2 quarts/acre at onset of stem extension. For moderate deficiency, 2 quarts/acre at 4 to 6 leaf stage and 2 quarts/acre at onset of stem extension. An extra application can be made 10 to 14 days later for severe deficiency. Avoid flowering. Water rate: 3 to 20 gallons/acre.

Carrots: 1 to 2 quarts/acre when crop is 5 inches tall. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 5 to 20 gallons/acre.

Cauliflower: 1 to 2 quarts/acre at 4 to 6 leaf stage, with repeat applications at the above rate at 10 to 14 day intervals for moderate to severe deficiency. Water rate: 3 to 20 gallons/acre.

Celery: 1 to 2 quarts/acre at the 4 to 6 leaf stage. Repeat 10 to 14 days later if necessary. Water rate: 20 gallon/acre.

Cereals: 1 to 2 quarts/acre from 2 leaf stage to first node detectable. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. A further application at up to 4 pints/acre at flag leaf ligule just visible to anthesis complete for milling quality wheats. Water rate: 3 to 20 gallons/acre.

Cherries: 1 to 2 quarts/acre at fruit set. If necessary a second application may be made 10 to 14 days later. Also, 1 to 2 quarts/acre after harvest but before leaf senescence. Water rate: 20 to 100 gallons/acre.

Citrus: 1 to 2 quarts/acre from 2/3 of new leaf development in the spring. For moderate to severe deficiency repeat application 10 to 14 days later. Also, 1 to 2 quarts/acre applied during autumn flush. Repeat 10 to 14 days later if necessary. Water rate: 20 to 50 gallons/acre.

Cole Crops: 1 to 2 quarts/acre at 4 to 6 leaf stage, with repeat applications at the above rate at 10 to 14 day intervals for moderate to severe deficiency. Water rate: 3 to 20 gallons/acre.

Conifers/Fir Trees: 1 to 2 applications of 1-2 quarts/acre when there is new season leaf production, and again in early autumn. Water rate: 50 to 100 gallons/acre.

Corn: 1 to 2 quarts/acre at 4 to 6 leaf stage. Water rate: 3 to 20 gallons/acre.

Cotton: 1 to 2 quarts/acre one month after 100% emergence. Repeat as required at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

Cranberries: 1 to 2 quarts/acre applied at hook stage or early bloom. Water rate: 20 to 50 gallons/acre.

Cucurbits (Field Grown): 1 to 2 quarts/acre at 4 leaf stage. Repeat if necessary 10 to 14 days later. Water rate: 20 gallons/acre.

Dry Bean: 2 quarts/acre at 4 to 6 inch stage. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 20 gallons/acre.

Ginseng: 1 to 2 quarts/acre applied once the new season growth is well underway. Repeat applications at 10 to 14 day intervals may be necessary for moderate to severe deficiency. Water rate: 50 gallons/acre.

Groundnuts/Peanuts: 1 to 2 quarts/acre from 4 leaves to the start of flowering. Water rate: 3 to 20 gallons/acre.

Leek: 1 to 2 quarts/acre, 2 weeks after transplanting or, in the case of direct sown crops, when the crop is 6 inches tall. For moderate to severe deficiency, 1 to 2 repeat applications may be necessary at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

Lettuce (Field Grown): 1 to 2 quarts/acre 10 to 14 days after transplanting or emergence. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 5 to 20 gallons/acre.

Melons (Field Grown): 2 to 3 applications at 10 to 14 day intervals of 1 to 2 quarts/acre commencing when sufficient leaf area to intercept spray is present. Water rate: 5 to 20 gallons/acre.

Nectarines: 1 to 2 quarts/acre at fruit set. If necessary a second application may be made 10 to 14 days later. Also, 1 to 2 quarts/acre after harvest but before leaf senescence. Water rate: 20 to 100 gallons/acre

Nursery/Ornamentals: Two and a half gallons in 100 gallons water (2.5% v/v) as soon as there is sufficient leaf area to intercept a spray. Repeat at 10 to 14 day intervals as necessary. Avoid applications during flowering. Spray a maximum of three applications per crop per annum. Note: Do not apply within one month of picking/marketing. Maximum water rate: 20 gallons/acre.

Nuts (Deciduous): 1 to 2 quarts per acre at spring bud burst, first emergent leaves and again during nut development. Water rate: 50 to 100 gallons per acre. Alternatively: 1 to 2 quarts per acre at bud break and after harvest before leaf senescence. Water rate: 50 to 100 gallons per acre.

Onions: 1 to 2 quarts/acre two weeks after transplanting, or in the case of direct sown crops, when the crop is 6" tall. Repeat applications at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

Ornamentals: Two and half gallons (2.5 gals) in 100 gallons water (2.5% v/v) as soon as there is sufficient leaf area to obtain thorough coverage. Repeat at 10 to 14 day intervals as necessary. Avoid applications during flowering. Spray a maximum of three applications per crop per annum. Note: Do not apply within one month of picking/marketing. Maximum water rate: 20 gallons/acre.

Peaches: 1 to 2 quarts/acre at fruit set. If necessary a second application may be made 10 to 14 days later. Also, 1 to 2 quarts/acre after harvest but before leaf senescence. Water rate: 20 to 100 gallons/acre

Peanuts: 1 to 2 quarts/acre from 4 leaves to the start of flowering. Water rate: 3 to 20 gallons/acre.

Pears: 1 to 2 quarts/acre after petal fall. Repeat if necessary at 10 to 14 day intervals. In cases of severe deficiency apply also before flowering (around pink bud stage). On russet sensitive varieties delay applications until 6 weeks after petal fall. Water rate: 20 to 100 gallons/acre.

Peas: 1 to 2 quarts/acre at 4 to 6" stage. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

Peppers (Field Grown): 1 to 2 quarts/acre applied from the 4 to 6 leaf stage onwards. Repeat applications may be necessary. Water rate: 50 gallons/acre.

Plums: 1 to 2 quarts/acre at fruit set. If necessary a second application may be made 10 to 14 days later. Also, 1 to 2 quarts/acre after harvest but before leaf senescence. Water rate: 20 to 100 gallons/acre.

Potatoes: 1 to 2 quarts/acre 1 week after 100% emergence and following petiole analysis during tuber bulking. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 3 to 20 gallons/acre.

Raspberries: 1 to 2 quarts/acre at start of flowering and at 10 to 14 day intervals as necessary, up to 14 days before harvest. Water rate: 20 to 50 gallons/acre.

Rice: 1 to 2 quarts/acre applied at start of tillering. Water rate: 3 to 20 gallons/acre.

Sorghum: 1 to 2 quarts/acre at the 4 to 8 leaf stage. Water rate: 3 to 20 gallons/acre.

Soybeans: 1 to 2 quarts/acre when crop is 2 to 6 inches tall, repeated at 10 to 14 day intervals if necessary. Water rate: 3 to 20 gallons/acre.

Spinach: 1 to 2 quarts/acre at the 4 to 6 leaf stage. Repeat if necessary 10 to 14 days later. Water rate: 20 gallons/acre.

Strawberries (Field Grown): 1 to 2 quarts/acre at green bud. Repeat if necessary at 10 to 14 day intervals. Water rate: 50 gallons/acre.

Sugar Beet: 1 to 2 quarts/acre at 4 to 6 leaf stage. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 5 to 20 gallons/acre.

Sunflower: 1 to 2 quarts/acre at 4 to 8 pairs of leaves. For moderate to severe deficiency repeat application 10 to 14 days later. Water rate: 3 to 20 gallons/acre.

Tobacco: 2 applications of 1 to 2 quarts/acre two to three weeks after transplanting (3 to 4 leaf stage) with 10 days between applications. Water rate: 3 to 50 gallons/acre.

Tomatoes (Field Grown): 1 to 2 quarts/acre at 4 to 6 leaf stage onwards. Repeat if necessary at 10-14 day intervals. Water rate: 5 to 50 gallons/acre.

Vines: 1 to 2 quarts/acre at flower bud visible, flower buds separated and fruit set. For grape stalk necrosis: 2-4 quarts/acre at pea sized berries, start of veraison and 1 month before harvest. Water rate: 20 to 50 gallons/acre.