

ACTIVÉ PAR / ACTIVATED BY / ACTIVADO POR

Oligo Prime[®]

Agro-Mag^{TM/MC}



0-0-0 + 6% Mg

Liquid nutrient

Agro 100[®]

cultivating *innovation*

Agro-Mag is a liquid nutrient designed to prevent and treat deficiencies in magnesium, an essential element for photosynthesis and other plant metabolic processes. **Agro-Mag** is activated by **Oligo Prime**[®], an innovative biostimulant technology that allows for quick absorption and translocation of nutrients and reinforces the plant's natural defenses against abiotic stresses (drought, low temperature, salinity, etc.). It is indicated for every crop and it must be applied based on soil or tissue analyses or as soon as deficiency symptoms appear or if stress risk is high. For more information on **Agro-Mag**, consult your agronomic adviser.

agronomic benefits

- Required for the synthesis of chlorophyll and for photosynthesis
- More energy in the plant
- Synthesis and transport of sugars, proteins and lipids
- Stabilization of cellular membranes
- Quality of potato tuber
- Resistance against environmental stresses

density **1.194 kg/L**

Guaranteed minimum analysis

Magnesium (Mg) (actual)	6%
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Also contains non-plant food ingredients

Willow bark extract	0.1%
Fulvic acid (derived from leonardite)	0.12%
Chitosan	0.1%
Organic matter (derived from leonardite)	0.03%
Acetic acid	40%

Rate US gallon/acre

Rate L/ha

Crops

Crops	Rate US gallon/acre	Rate L/ha	Foliar application
Apple, pear	4-6	0.4-0.6	Application timing and remarks Pink bud and fruit set. In case of severe deficiency, repeat during fruit development. 4- to 6-leaf stage. 10 days after petals fall out. 7 days after transplanting, repeat at 14-day intervals if needed. The plant is 15 cm (6") high. 7 days after planting, repeat at 14-day intervals if needed. 2 weeks after emergence. Between 1 and 4 weeks after complete emergence. To improve tuber dry matter, also apply during tuber bulking. Early flowering. When plant is 10-15 cm (4"-6") high. 7 days after transplanting, repeat after flowering. At full leaf emergence and repeat during fruit development and at postharvest (before leaf senescence). Green bud. Between 2-leaf and end of tillering stages. 7 days after planting, repeat at flowering. As soon as growth starts in the spring and/or when deficiency is diagnosed. At visible flower bud, flower bud and fruit set separation stages.
Beet	4	0.4	
Blueberry, cranberry	4	0.4	
Broccoli, cabbage, cauliflower	2-5	0.2-0.5	
Carrot	2-4	0.2-0.4	
Celery, lettuce, spinach	2-5	0.2-0.5	
Onion	2-4	0.2-0.4	
Potato	2-4	0.2-0.4	
Raspberry	2-4	0.2-0.4	
Soybean, bean	2-4	0.2-0.4	
Squash, cucumber, melon, cantaloupe	2-5	0.2-0.5	
Stone fruit	5	0.5	
Strawberry	2-4	0.2-0.4	
Sweet corn, wheat, barley, oats	2-4	0.2-0.4	
Tomato, pepper, eggplant	2-4	0.2-0.4	
Turfgrass	5-15	0.5-1.6	
Vine	2-4	0.2-0.4	

Foliar application

Application timing and remarks

Pink bud and fruit set. In case of severe deficiency, repeat during fruit development.

4- to 6-leaf stage.

10 days after petals fall out.

7 days after transplanting, repeat at 14-day intervals if needed.

The plant is 15 cm (6") high.

7 days after planting, repeat at 14-day intervals if needed.

2 weeks after emergence.

Between 1 and 4 weeks after complete emergence. To improve tuber dry matter, also apply during tuber bulking.

Early flowering.

When plant is 10-15 cm (4"-6") high.

7 days after transplanting, repeat after flowering.

At full leaf emergence and repeat during fruit development and at postharvest (before leaf senescence).

Green bud.

Between 2-leaf and end of tillering stages.

7 days after planting, repeat at flowering.

As soon as growth starts in the spring and/or when deficiency is diagnosed.

At visible flower bud, flower bud and fruit set separation stages.

Soil application

Consult your agronomic adviser for the appropriate dosage for your conditions.

Apply at suggested rates. Water volume: at least 200 L/ha (21.5 gallons/acre) for arable and vegetable crops, 1000 L/ha (100 gallons/acre) for small fruits and fruit trees.

directions for use

Mixing and application. Shake well before using. Fill the tank three quarters full. Start agitation and add product. Clean the empty containers and add the rinsing water to the tank. Add the rest of the water and apply without delay. For best results, apply early in the morning or late in the evening. Do not apply under drying conditions and when outside temperature is too high otherwise culture may be damaged.

Tank mixing. In some cases, tank mixing with pest control products can result in physical and chemical incompatibilities which may impact the efficacy of the products and the crop performance. Always read and follow label directions of the tank mix partners. Consult the pesticides manufacturer representatives and an Agro-100 representative to help determine the safety and agronomic outcome of the mix.

Compatibility. This product is compatible with most agrochemical products except phosphate and sulfate fertilizers. Check compatibility before mixing in application tank or check with your adviser. **Check compatibility as follow.** In a clean, transparent jar, add the water and other products, one by one in the same proportion as proposed application. Agitate gently. Let the jar sit for 30 minutes. Incompatible products will form flakes, sludge, gels or other precipitates. A separation or layering may appear. Do not apply in case of incompatibility.

Storage. Prevent from freezing.

Caution. This product must be used only as recommended. It may prove harmful when misused. This product contains crustaceans. Adverse reactions may occur in sensitive persons. If skin contact occurs, wash with soap and water. Wear dust mask and protective gloves. If allergic reaction occurs, seek medical attention. This product must be used as complement to a soil fertilization program based on soil or plant tissue analyses.

Guarantee. The vendor's liability will be limited to the terms of this label. The buyer will then be responsible for all risks and damages to persons or properties resulting from the use of this product, and hereby accepts these conditions.