



Knowledge grows

YaraVita[®] HYDROMAG[™]

4-0-0 + 20% Mg

YaraVita HYDROMAG is a highly concentrated liquid suspension that contains almost three times more magnesium than epsom salts. It contains 8-10 times more magnesium than a liquid chelate and 3-4 times more than liquid sulphate or nitrate products. Magnesium is a key element in chlorophyll development helping promote vegetable growth and row closure.



Production Sizes:
10L jug, 500L tote & 1000L tote.

Application Methods
Foliar application. The liquid formulation makes it easy to measure, pour and mix the product in the spray tank.

Target Crops
Potatoes, canola, corn, soybeans, cereals, tomatoes, vegetables and fruit crops.

Guaranteed Analysis:		
Nitrogen (N)	4%	60 g/L
Magnesium (Mg)	20%	300 g/L
pH	11.4	
Physical state	Liquid Suspension Concentrate	
Density	1.498 g/cm ³	
Viscosity	Dynamic: 1,500 - 2,500 mPa.s Kinematic: 1,013 - 1,700 mm ² /s	

Benefits & Features

- Severe magnesium deficiency can reduce yields by up to 15%. Regular use of magnesium on an annual basis has provided yield increases of 1 to 10% in trials.
- Formulated for safe application at critical growth stages to satisfy crop requirements.
- Easy to use flowable formulation. Pours easily and disperses quickly into the spray tank.
- High nutrient content means lower application rates reducing handling time and packaging waste. Designed for rapid uptake and long-term feeding power, so fewer applications are required.
- Highly tank mixable with other crop sprays. Visit www.tankmix.com for details.

Product Recommendations

Apples, Pears:

4 l/ha (1.6 l/ac) after petal fall. In cases of severe deficiency, apply also before flowering (around pink bud stage). On russet sensitive varieties delay application until 6 weeks after petal fall. Water rate: 200 to 1,000 l/ha (80 to 400 l/ac)

Brassicas:

4 l/ha (1.6 l/ac) at 4 to 6 leaf stage. For moderate to severe deficiency repeat the application 10 to 14 days later. Water rate: 200 l/ha (80 l/ac).

Canola:

For a single application, 4 l/ha (1.6 l/ac) at onset of stem extension. For moderate deficiency, 4 l/ha (1.6 l/ac) at 4-6 leaf stage and 4 l/ha (1.6 l/ac) at onset of stem extension. An extra application can be made 10-14 days later for severe deficiency. Water rate: 200 l/ha (80 l/ac).

Cereals (Barley, Wheat, Oats):

4 l/ha (1.6 l/ac) from 2 leaf stage to first node detectable (Zadok's G.S. 12 to 31). For moderate to severe deficiency, repeat applications at 10-14 day intervals. Also, for milling quality wheats, up to 4 l/ha (1.6 l/ac) from fl ag leaf ligule just visible to anthesis complete (Zadok's G.S. 39 to 69). Water rate: 200 l/ha (80 l/ac).

Cucurbits (Field Grown):

4 l/ha (1.6 l/ac) from 4 leaf stage. For moderate to severe deficiency repeat at 10 to 14 day intervals. Water rate: 200 l/ha (80 l/ac).

Corn:

4 l/ha (1.62 l/ac) at 4 to 6 leaf stage. Water rate: 200 l/ha (81 l/ac).

Peas:

4 l/ha (1.6 l/ac) at 10 to 15 cm stage. For moderate to severe deficiency repeat applications at 10 to 14 day intervals. Water rate: 50 to 200 l/ha (20 to 80 l/ac).

Potatoes:

4 l/ha (1.6 l/ac) one week after 100% emergence. Also apply during tuber bulking following petiole analysis. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 75 to 200 l/ha (30 to 80 l/ac).

Soybeans:

4 l/ha (1.6 l/ac) when crop is 5 to 15 cm tall. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 200 l/ha (80 l/ac).

Stonefruit (Apricots, Cherries, Peaches):

4 l/ha (1.6 l/ac) at fruit set. For moderate to severe deficiency, repeat applications at 10-14 day intervals. Water rate: 500 to 1,000 l/ha (200-400 l/ac).

Strawberry (Field Grown):

4 l/ha (1.6 l/ac) at green bud. Water rate: 200 to 500 l/ha (80-200 l/ac).

Sugar Beet:

4 l/ha (1.6 l/ac) at 4 to 6 leaf stage. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 200 l/ha (80 l/ac).

Tomatoes (Field Grown):

4 l/ha (1.6 l/ac) at 4 to 6 leaf stage. For moderate to severe deficiency, repeat applications at 10 to 14 day intervals. Water rate: 500 l/ha (200 l/ac).

Vines:

4 l/ha (1.62 l/ac) at flower buds visible, flower buds separated and fruit set. For grape stalk necrosis: 3 to 10 l/ha (1.21 - 4 l/ac) at pea sized berries, start of veraison and one month before harvest. Water rate: 200 to 500 l/ha (81-202 l/ac).

*The information provided is accurate to the best of Yara's knowledge and belief. Any recommendations are meant as a guide and must be adapted to suit local conditions. Always read the label before use.