ecogrowth

express® MAGNESIUM

Premium chelated magnesium amino acid

pH 5.1 **SG 1.25**

Product	N %	P %	K %	S %	Ca %	Mg %	Fe %	Si %	C %	Zn ppm	Mn ppm	Cu ppm	Mo ppm	B ppm	Co ppm	HUMIC ACID %	FULVIC ACID %	AMINO ACID %
express® MAGNESIUM	8.6					5												17.2

Typical uses and benefits include:

- **Helps correct and prevent magnesium deficiency.**
- **Suitable for foliar, in furrow and fertigated applications.**
- **Small molecule, readily absorbed by leaf vie stomata and tissue.**

Express® MAGNESIUM is used in a wide range of crops to correct and prevent magnesium deficiency. For horticultural, broadacre and viticulture production where manganese deficiency may occur, Express® MAGNESIUM can be applied via foliar, in furrow or fertigated.

The most effective way to apply Express® MAGNESIUM is via foliar application, however, it is suitable for in furrow and fertigated applications as well as chelates minimise reactions in the soil solution, resulting in available nutrients for a longer period.

Magnesium is a vital macro nutrient for chlorophyll production which leads to increased photosynthesis and assists with mobilisation and utilisation of iron and phosphorus. Magnesium is also important for seed formation and the formation of fats and oils and is an essential activator for many plant enzymes.

fertiliser for life

AVAILABLE IN 20L, 200L, IBC & BULK
For alternative applications or to arrange a soil/plant test please contact your Ecogrowth® nutritional expert.

Eco Growth International Pty Ltd
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Learn more about our range at
ecogrowth.com.au

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APPLICATION RATES

Crop	Rate	Water L/ha	Notes
BEANS / PEAS / LUPINS	2-3L/ha	50-80	10-14 days before flowering, earlier if there is a known deficiency.
CANOLA	2-3L/ha	50-80	At 4-6 true leaves.
CITRUS	2-4L/ha	300-1,000	Apply fortnightly until bloom, do not spray during blossoming or at harvest.
GRAPEVINES	2-4L/ha	300-800	Before and after flowering.
PASTURE	1-2L/ha	50-80	When there is sufficient foliage and when a deficiency occurs.
LUCERNE	3-4L/ha	50-80	10-14 days before flowering.
CEREAL	2-3L/ha	50-80	When there is sufficient foliage and when a deficiency occurs.
TREE CROPS	1-3L/ha Foliar 5L/ha Fertigated	400-1,000	Apply regulalrly (or as required), every 2-3 weeks from fruit set up till harvest.
TURF	2L/ha 20ml/100m^2	300-800	As required during active growth.

Magnesium deficiency:

Occurring in mostly sandy soils with low pH, magnesium deficiency in plants can also lead to grass tetany (magnesium deficiency in animals). Magnesium availability can also be reduced by cold conditions and applications of potassium (applying other positively charged ions can reduce the uptake of potassium). Crops particularly susceptible to magnesium deficiency include vines, fruit trees and vegetables.

Magnesium deficiency symptoms include:

- Symptoms appear first in old leaves (highly mobile).
- Weak plants.
- Curling of leaves upward along margins.
- Interveinal chlorosis through the middle of older leaves.