

FMC**Prince[®]****A foliar source of highly soluble, plant available magnesium.**

Magnesium nitrate solution

Nitric nitrogen (N):	6.9% w/w	(92 g/l)
Water-soluble magnesium oxide (MgO):	10.0% w/w	(133 g/l)
Net Content:	13.3 kg	

To be used only where there is a recognised need. Do not exceed the appropriate dose rates.

FORMULATION

Prince is a liquid formulation containing magnesium as the highly soluble and plant available nitrate. Plants can use nitrates up to 25% more efficiently than the same amount of element from a formulated sulphate and the solubility of nitrates allows more concentrated formulations to be produced.

RATES OF USE AND TIMINGS**Cereals**

Yield depression can result from a deficiency of magnesium in the flag leaf. Wheats have shown quality improvements from a further application between GS 39 - 59.

Up to GS 31:	Marginal deficiency 1.25 l/ha
	Moderate deficiency 2.5 l/ha

GS 32:	3 - 6 l/ha
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GS 39 - 59:	3 - 6 l/ha
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Maize

Has a high requirement for magnesium. Transitory shortage should be avoided in order to promote optimum growth as early as possible. Apply 3 - 6 l/ha at the 4 - 8 leaf stage

Potatoes

Magnesium is important to potatoes due to its role in carbohydrate production. It can also improve quality by minimizing internal blackening and bruising. Apply 3 - 5 l/ha once there is sufficient leaf to absorb the spray and continue the programme of 3 - 4 applications over the season.

Sugar beet

Apply 3 l/ha from the 6 - 8 expanded leaf stage or as indicated by tissue analysis.

Vegetables and brassicas

Apply 3 l/ha from the 4 - 6 fully expanded leaf stage or as indicated by tissue analysis.

Oilseed rape

Adequate magnesium levels are essential to ensure good crop establishment. Apply 3 l/ha when the crop has reached the 4 leaf stage of growth and has sufficient leaf area to absorb the spray.

Apples

Apply 3 l/ha from petal fall. Apples are likely to need three applications 2 - 5 weeks apart or apply according to tissue analysis.

Grapes

Apply 3 l/ha from the end of flowering. Three applications, 3 - 5 weeks apart are likely to be required.

Water volume

Use at least 200 l/ha.

It is recommended that soil and tissue analysis results are used whenever possible to guide micro and macronutrient applications to optimise crop nutrient status.

Do not apply this product in very bright sunlight or in temperatures above 25°C. If possible, spray in the evening or early morning for best results.

APPLICATION

Shake the container well before opening and use.

Spray equipment should be clean.

Half fill the spray tank with water, begin agitation and add the required quantity of Prince. Rinse the container thoroughly, add the rinsings to the spray-tank, complete the filling and apply without delay. Maintain agitation throughout.

Clean sprayer thoroughly after use.

COMPATIBILITY

Prince is physically and chemically compatible with a wide range of agrochemical products. Consult your supplier for the latest information. Up-to-date information is available at www.fmc-agro.co.uk. Always read the label of the partner product carefully before mixing with Prince.

STORAGE

Protect from frost. Store above 5°C.

Keep in cool, well ventilated suitable store. Do not store in direct sunlight or near direct sources of heat. Keep out of reach of children. Keep away from food, drink and animal feedstuffs.

SAFETY PRECAUTIONS

The product is not classified as hazardous under GB CLP and CLP (REG EC 1272/2008).

Made in UK

Batch No: See neck of the bottle

Contents: 10 litres

Packed in boxes of 2 x 10 litres

Manufactured by:

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