

**BVR**

**Magnesium300**

*Contains 300 g/l (21% w/w) total magnesium as magnesium hydroxide*

**Magnesium is an essential component of chlorophyll and hence photosynthesis. Deficiency can lead to serious yield and quality penalties**

**RISK AND SAFETY INFORMATION**

S2	Keep out of the reach of children.
S7	Keep container tightly closed.
S23	Do not breathe spray.
S37/39	Wear suitable gloves and eye/face protection.
S49	Keep only in the original container.

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**PROTECT FROM FROST**

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**DIRECTIONS FOR USE**

BVR Magnesium300 is fully formulated for ease of application and maximum availability to the growing crop using Viscology Technology.

**Mixing and Spraying**

Threequarters-fill the spray tank with clean water. Shake the container thoroughly before opening. Add the required quantity of BVR Magnesium300 slowly to the tank whilst agitating. Top up the water and apply without delay. Do not leave the spray-mix standing in the tank for long periods without agitation.

**Water rates**

- Field grown crops - BVR Magnesium300 should be applied in a minimum of 200L water / ha.
- Apples, Pears, Cherries, Plums, Strawberries, Conifers - BVR Magnesium300 should be applied in a minimum of 500 - 1000L water / ha.
- Blueberries - BVR Magnesium300 should be applied in a minimum of 1000L water / ha
- Blackcurrants, Grapevines - BVR Magnesium300 should be applied in a minimum of 200 - 500L water / ha

Please note: a crop's nutrient status can only be determined accurately by tissue analysis. Barclay Crop Protection recommends that tissue analysis results are used whenever possible to optimise micronutrient applications

Only to be used where there is a recognised need. Do not exceed the appropriate application rates.

**Compatibility**

BVR Magnesium300 is physically and chemically compatible with a wide range of agrochemical products. Information is available from your distributor or from Barclay Crop Protection.

BVR Magnesium300 is incompatible with phenoxy herbicides e.g. mecoprop-p, MCPA, 2,4-D, bentazone and dicamba, and mixtures containing such herbicides, and some formulations of flurtemone.

## BVR Magnesium300

### Application Rates and Timings

<b>Crop</b>	<b>Rates and Timings</b>
Apples and Pears	Apply 4 l/ha after petal fall. In severe deficiency situations apply at pink bud stage.
Blackcurrant	Apply 4 l/ha at full flower and repeat at fruit set
Blueberries	Apply 4 l/ha 10 days after the end of petal fall.
Bulb Crops - Field Grown (e.g. Daffodils, Tulips)	Apply 4 l/ha from when the crop is 10 - 15cm high and repeat at 7 - 10 day intervals. Do not apply to crops grown under plastic or glass.
Broccoli, Brussels Sprout, Calabrese, Cauliflower	Apply 2 - 4 l/ha at the 4 - 6 leaf stage. In the event of moderate / severe deficiency treatment should be repeated after 10 -14 days
Carrots	Apply 2 - 4 l/ha when the crop is 15cm tall. In the event of moderate / severe deficiency treatment should be repeated at 10 -14 day intervals. The last application should be made one month prior to harvest.
Cereals	Apply 2 - 4 l/ha at the 4 - 6 leaf stage (GS 14 - 16) followed by a second application from 1st node detectable to flag leaf just visible (GS 31 - 37). To aid improvement in grain weight and to prolong photosynthesis apply 2 l/ha at flag leaf ligule just visible to end of anthesis (GS39 - 69)
Cherries and Plums	Apply 4 l/ha at fruit set. Where there is a severe deficiency repeat after 10 - 14 days
Conifers	Apply 2 - 4 l/ha from the start of new leaf production. Repeat in the early autumn.
Fodder beet, Kale, Turnip and Swede	Apply 2 - 4 l/ha at 4 - 6 leaf stage. In the event of moderate / severe deficiency treatment should be repeated after 10 - 14 days.
Grapevines	Apply 4 l/ha at flower bud visible stage, flower buds separated and fruit set.
Grassland: Amenity	Apply in accordance with tissue analysis. Apply 5 - 10l/ha once new grown starts in the spring repeating at 10 - 14 day intervals.
Grazing Growth	Apply 5 - 10 l/ha, 10 - 14 days prior to grazing. Apply 5 - 10 l/ha as soon as growth starts in the spring. In the event of moderate / severe deficiency treatment should be repeated after 10 - 14 days.
Leeks	Apply 2 - 4 l/ha 2 weeks after transplanting. In the event of moderate / severe deficiency treatment should be repeated after 10 - 14 days.
Lettuce (Field Grown)	Apply 2 - 4 l/ha 2 weeks after transplanting. In the event of moderate / severe deficiency treatment should be repeated after 10 - 14 days
Maize	Apply 4 l/ha at 4 - 6 leaf stage.
Oilseed rape	Apply 4 l/ha from green bud stage. In the case of severe deficiency treatment is recommended in at the 4 - 6 leaves stage.
Peas and Beans	Apply 2 - 4 l/ha when the crop is 15cm high. In the event of moderate / severe deficiency treatment should be repeated after 10 - 14 days.
Strawberries	Apply 4 l/ha at white bud stage
Sugar beet	Apply 4 l/ha at 4 - 6 leaf stage. Where there is a severe deficiency repeat after 10 - 14 days
Potatoes	Apply 4 l/ha from 1 week after 100% emergence. Where there is a severe deficiency repeat after 10 - 14 days
Vegetables (Field Grown)	Apply 4 l/ha at 4 - 6 leaf stage. Where there is a severe deficiency repeat after 10 - 14 days