

ZINC NITRATE

Reg. No. B2465

Act No. 36 of 1947

SOLUTION

HIGH QUALITY MICRO-ELEMENT MIXTURE

Nitrogen (N) 38 g/kg 47g/L
 Zinc (Zn) 89 g/kg 110 g/L

SG:1.23@20°C

FERTILIZER GRP 2 MISSTOF

DIRECTIONS FOR USE

- **ZINC NITRATE** solution is used as a foliar spray for the correction of zinc deficiencies in crops. Apply as a full cover spray at the rates recommended below.
- **ZINC NITRATE** should preferably be applied in the early morning or late afternoon. Do not apply to plants that are undergoing a period of moisture or heat stress.
- **Do not apply ZINC NITRATE** solution with alkaline materials. When in doubt, the miscibility should be tested using a small sample.
- **ZINC NITRATE** solution is also suitable for aerial spraying at a rate of 1-2 L/ha.
- Always use Nu-Film P® (L2980 Act 36/1947) with **ZINC NITRATE**.

PRECAUTIONS

Before applying **ZINC NITRATE**, consult a qualified Agronomist or Agricultural Advisor on the necessity of using it.

APPLICATION QUANTITIES

CROP	DOSAGE	APPLICATION DETAILS
Apples and Pears	50 - 100 ml/100L water to maximum of 3 L / ha	Apply 3 - 4 applications, 7 days after green tip, 14 days after petal fall and 14 days later. Apply in a minimum of 1,000 - 3,000 L water / ha
Apricots, Peaches, Plums and Nectarines	75 - 100 ml/100L water to maximum of 1.5 L / ha	Apply 2 applications, one before blossom and repeat again after harvest. Apply in a minimum of 1,000 L water / ha.
Avocado, Macadamias	75 - 150 ml/100L water to maximum of 7.5 L / ha	Apply 2 - 3 applications. Number of applications will be determined by severity of deficiency. Apply as an early spring treatment to flowers. In case of high shortage, repeat on new growth during the summer months. Use 4,000 - 5,000 L spray volume per hectare.

CROP	DOSAGE	APPLICATION DETAILS
Cherries	50 - 100 ml/100L water to maximum of 1 L / ha	Repeat twice at 2 - 3 week intervals. Apply as a full cover spray as soon as possible after bloom. Apply in a minimum of 1,000 L water /ha
Citrus	100- 200 ml/100L water to maximum of 3 L / ha	Spray new flush of growth in the spring. Repeat when necessary but avoid spraying during and prior to harvest. Apply in a minimum of 2,000L water / ha.
Coffee	50 - 150 ml/100L water to maximum of 2 L / ha	Apply 2 - 3 applications depending on the severity of deficiency. First application in November on new spring growth, second application in January / February, followed by a third application 21 days later.
Cotton	50 - 150 ml/100L water to maximum of 2 L / ha	Apply 1 - 2 applications. Apply early in the season when there is sufficient foliage to absorb the spray and if possible apply before symptoms appear. Apply in a minimum of 500 L water.
Grapes	100 - 200 ml/100L water to maximum of 2 L / ha	Apply 2 - 3 times per season starting at 10 cm shoot length. A post-harvest application of 200 ml / 100L water / ha can be applied if necessary.
Maize, Beans, Peas, Soya Beans, Groundnuts	50 - 150 ml/100L water to maximum of 2 L / ha	Apply 1 - 2 applications For best results apply early in the growing season, as soon as the crop has sufficient leaves to absorb the spray. Apply in a minimum of 200L water /ha.
Mangoes	75 ml/100L water to maximum of 3 L / ha	Apply as a spring treatment to flowers. In severe shortages repeat during the summer months. Use 2,000 to 4,000 L spray volume / ha.
Olives	100 ml/100L water to maximum of 2 L / ha	Spray in the spring when new new growth is starting, and repeat 3-4 weeks later. Apply in a minimum of 1,000 - 2,000 L water / ha.
Onions	50 - 150 ml/100L water to maximum of 2 L / ha	Apply from golf ball size bulbs, and repeat 14 days later. Apply in a minimum of 500 L water / ha.
Pecans	50 - 75 ml/100L water to maximum of 3 L / ha	Apply as a spring treatment to young foliage (spring flush). Repeat during the summer months as required. Use 2,000 - 4,000 L spray volume per ha.

CROP	DOSAGE	APPLICATION DETAILS
Potatoes	50 - 150 ml/100L water to maximum of 2 L / ha	Apply at first signs of deficiency, and repeat 3-4 weeks later if necessary. Apply in a minimum of 500 L water / ha.
Sweet corn	50 - 150 ml/100L water to maximum of 2 L / ha	Apply during early growth stages on young leaves in 250 L water per hectare. Under conditions favouring zinc deficiencies successive applications are advisable.
Tea	50 - 150 ml/100L water to maximum of 2 L / ha	Spray in the spring when new growth is starting, and repeat 3 - 4 weeks later. Apply in a minimum of 1,000 - 2000L water / ha.
Tobacco	50 - 150 ml/100L water to maximum of 2 L / ha	Apply 1 - 2 applications. Repeated applications may be necessary depending on the degree of zinc deficiency. Apply in a minimum of 500 L water / ha.
Vegetables (also includes Lettuce, Tomatoes, Peppers, Cucurbits)	50 - 150 ml/100L water to maximum of 3 L / ha	Apply 1 - 2 applications. Repeated applications may be necessary depending on the degree of zinc deficiency. Apply in a minimum of 500 L water / ha.
Wheat, Barley, Oats	50 - 150 ml/100L water to maximum of 2 L / ha	For best results apply early in the growing season, as soon as the crop has sufficient leaves to absorb the spray. Repeat 3 - 4 weeks later if necessary. Apply in a minimum of 200 L water / ha.

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