

FLO-BOR

ZEMA Product No:

FERTILIZER GROUP 2

Polyborate Solution

FLO-BOR is a solution containing boron for use either as a foliar spray or as a soil treatment.

ACTIVE INGREDIENT:

Boron (B)98 g/kg (129 g /ℓ)

HAZARD STATEMENT

H314 Causes severe skin burns and eye damage.
H360FD May damage fertility. Suspected of damaging the unborn child.

PRECAUTIONARY STATEMENTS

P264 Wash thoroughly after handling.
P270 Do not eat, drink when using this product.
P280 Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.

MANUFACTURER AND SUPPLIER:

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DISTRIBUTOR:

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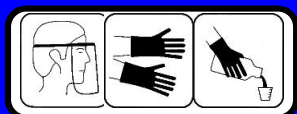
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DATE OF MANUFACTURE:

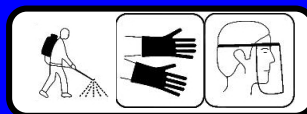
EXPIRY DATE:



UN No.: 3265 CORROSIVE LIQUID, BASIC, ORGANIC N.O.S.



WARNING



FLO-BOR

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FIRST AID MEASURES:

In case of inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

In case of skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

In case of eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

In case of ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.

APPLICATION INSTRUCTIONS:

FOLIAR APPLICATION:

Ensure the spray of water used is sufficient to provide a full cover of the plant surface. Do not exceed a concentration of 0.75% v/v in field crops and 0.3% v/v in flowers and ornamentals (0.15% v/v in Gladioli).

SOIL APPLICATION:

Apply in sufficient water to obtain an even coverage. For optimal uptake by the plant, the boron must be moved into the root zone by rainfall, incorporation or irrigation. Do not allow **FLO-BOR** to come into direct contact with the seed.

COMPATIBILITY:

FLO-BOR is compatible with most commonly used foliar feeds. However, it is recommended to do a compatibility test on a small area and observe the treated area for 3 days before doing commercial applications.

FLO-BOR is not compatible with Zinc sulphate, Manganese sulphate, Lime Sulphur or miscible oil formulations.

APPLICATION TABLE:

CROP	DOSAGE	APPLICATION METHOD
APPLES, PEARS, APRICOTS, PLUMS, PEACHES, CHERRIES	100 mℓ/100 ℓ water or 2 ℓ/ha	Apply 2 treatments: a) At 30% blossoming b) Post harvest in autumn
GRAPES	100 mℓ/100 ℓ water/ha 200 mℓ/100 ℓ water/ha	Apply 2 treatments: a) Just before flowering stage b) Post harvest treatment
CITRUS	Maximum of 50 mℓ per tree	Spread evenly in the drip zone of trees. Do not repeat within 3 years after treatment and do not treat young trees.
	200 mℓ/100 ℓ water	Do not apply more than once a year as a full cover spray. Use in 1000 - 2000 ℓ water/ha.
POTATOES, GROUNDNUTS AND OTHER CROPS	350 mℓ/ha	Apply 4 - 5 times per season at 3 week intervals as either an aerial or tractor application. During the following years only 2 treatments per season should be applied.

ONIONS	750 ml/ha	Apply the first treatment 3 weeks after plants have established and repeat 3 weeks later.
SUNFLOWERS, CAULIFLOWER, OTHER COLE CROPS AND TOMATOES	750 ml/ha	Apply as a full cover foliar spray when required. Repeat after new leaves have formed. If necessary, apply a third spray.
COTTON	375 – 750 ml/ha	Apply as a full cover spray during the flowering stage where boron deficiency has been identified.
TOBACCO	350 – 750 ml/ha	Apply 4 - 5 times per season with 3 weekly intervals. Apply as an aerial or tractor application.
AVOCADOS	50 – 150 ml/100 l water maximum 2.5 l / ha	Apply as a full cover spray to maintain boron levels. Repeat after harvest.
MACADAMIAS	50 - 150 ml/100 l water/ha	Apply as a full cover spray to maintain boron levels.
LUCERNE 0 - 15% clay 16 - 30% clay + 31% clay 0 - 15% clay 16 - 30% clay + 31% clay	500 ml/ha 1 000 ml/ha 1 500 ml/ha	A) Maintenance Treatment: Apply as an overall spray treatment 10 days after each cutting.
	5 l/ha 6 l/ha 7.75 l/ha maximum (incorporated into the soil to a depth of 10- 15 cm)	B) Corrective Treatment: Apply a single application as an overall spray directly after cutting when analysis of top 15 cm of plant contains less than 20 mg boron/kg (20 ppm) before flowering. Boron levels can then be re-analysed and adjusted if necessary, based on soil analysis
FLOWERS AND ORNAMENTALS	100-150 ml/100 l water	Apply 2 - 3 sprays at monthly intervals, starting as soon as plants have established.

PRE-PLANT SOIL APPLICATION

MAIZE 0-15% clay 16-30% clay +31% clay	5 l/ha 6 l/ha 7.75 l/ha maximum (incorporated into the soil to a depth of 10- 15 cm)	Spray evenly over the soil before final planting preparation, except where leaf analysis of the previous crop may allow omission of treatment.
SUNFLOWERS 0-15% clay 16-30% clay +31% clay	5 l/ha 6 l/ha 7.75 l/ha maximum (incorporated into the soil to a depth of 10- 15 cm)	Where sunflowers are to be grown, spray soil evenly before final preparations. Where leaf analysis of previous crop allows, treatment may be omitted.

IMPORTANT: BEFORE APPLYING FLO-BOR CONSULT A QUALIFIED AGRONOMIST OR AN AGRICULTURAL ADVISER ON THE NECESSITY OF USING IT.