

Liquid Zonnebor



Reg. No. B5837 Act No. 36 of 1947

Reg. No. N-F 2085 Act No. 36 of 1947

FERTILIZER GROUP 2

**READ LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

LIQUID ZONNEBOR is a boron and molybdenum fertilizer used to maintain or increase boron and molybdenum levels in plants.

HAZARD STATEMENTS:
Causes mild skin irritation.

PRECAUTIONARY STATEMENTS:
If medical advice is needed, have container or label at hand.
If skin irritation occurs: Get medical help.

Boron	(B)	110 g/ℓ	82 g/kg
Molybdenum	(Mo)	28 g/ℓ	21 g/kg

SG: 1.34

Registered and Manufactured by: Rolfes Agri (Pty) Ltd.
(Reg. No. 1998/013411/07) • 288 Mundt Street, Waltloo, 0184
Gauteng, RSA. • Tel: (012) 803-0145

Rolfes
Agri

Emergency contact details
Office Hour Poisoning Helpline
Rolfes Agri (Pty) Ltd.
Tel: +27 (12) 803 0145

Spill Response and Transport incidents
Spill Tech, Oil and chemical pollution control
Tel: +27 (86) 100 0366 / +27 (83) 253 6618
www.spilltech.co.za

Shake well before use • Store at room temperature
Keep out of direct sunlight • Keep container closed when not in use



PRECAUTIONS:

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read carefully and follow all instructions.
- If skin irritation occurs: Get medical help.

RELEVANT SUBSTANCES:

Citric acid <5%

- **LIQUID ZONNEBOR** is effective for the correction of boron and molybdenum deficiencies, the prevention of occurrence of deficiencies under adverse climatic conditions and for the maintenance of adequate levels of boron and molybdenum in the plant, especially during peak growth periods.
- **LIQUID ZONNEBOR** is soluble in water and may be applied as a foliar feeding, fertigation or directly onto the soil.
- **LIQUID ZONNEBOR** may be compatible with many agricultural chemicals. It is advisable to do a miscibility test prior to mixing with other chemicals.
- **LIQUID ZONNEBOR** 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.
- Consult with your chemical distributor, consultant or the registration holder should crop specific programs or any other information be required.

- Consult with a qualified agronomist or agricultural advisor on the necessity of using this product before application.
- Store in a well sealed container away from sunlight. Keep away from children, uninformed people, animals and foodstuffs. Wash hands after use.
- Destroy empty container after use. Do not re-use for any other purpose.
- It is recommended that the spray water be buffered using a suitable buffer.

DIRECTION FOR USE: USE ONLY AS DIRECTED.**Fertigation:**

LIQUID ZONNEBOR can be mixed into solution and injected directly into the irrigation system and then leached into the root zone. Consult with a qualified agronomist or agricultural advisor for specific fertigation application rates.

Foliar feed:

Use enough water to achieve a full cover spray. Do not exceed a concentration of 0, 7 5% (750 mL/100 L). For sensitive crops, do not exceed a working concentration of 0, 15% (150 mL/100 L).

Soil application:

Apply as a uniform spray to the soil surface. If practical, leach product into the root zone.

CROP	APPLICATION RATE	REMARKS
DECIDUOUS FRUIT		
Apples, Pears, Apricots, Peaches, Cherries	2 - 3 L/ha	Apply at 30 % blossoming and again after harvest in the autumn. Do not exceed a 0, 1 % application rate (100 mL/100 L water). Apply as full cover spray before and after flowering as well as after harvesting. .
Olives	1 - 2 L/ha	
Flowers and Ornamentals	1 - 2 L	Apply at 4 week intervals as required.
Figs	1 L/ha	Apply as a full cover spray after budbreak, but before set of the breba crop. Repeat application after harvesting the main crop.
GRAPES		
Wine and table grapes	1 - 2 L/ha	Apply just before flowering and then again directly after harvest. Do not exceed a 0, 1 % application rate (100 grams/100 L water).
Lucern	1 - 2 L/ha	Apply as a full cover spray 10 days after each cutting.
NUTS		
Macadamias	2 - 3 L/ha	Apply just before flowering at 2 kg/ha in 2000 L water per hectare. Repeat during full bloom at 0,5 kg per hectare. Use in combination with GLUCO-CALMAG + B* .
Pecan Nuts	2 - 5 L/ha	Apply as a full cover spray, after flower-bud stage and repeat 3 times with 4 week intervals.
Pomegranates	1 L/ha	Apply as full cover spray before and after flowering as well as after harvesting.
Strawberries	1 - 3 L/ha	Apply once before flowering.
Sugar Beet	2 - 3 L/ha	Apply at 8 -10 leaf stage and repeat as required.
Sugarcane	1 - 2 L/ha	Start application in early spring. Apply 2 sprays at 10 day intervals. Apply in 500-1500 L water per hectare.

CROP	APPLICATION RATE	REMARKS
ROW CROPS Cotton	1 - 2 ℓ/ha	Apply at first square, with first flowers and when bolls are forming.
Maize	5 - 15 ℓ/ha 1 - 3 ℓ/ha	Apply evenly over soil surface before planting. Apply as a full cover spray and repeat as required.
Sunflowers	5 - 15 ℓ/ha 1 - 3 ℓ/ha	Apply evenly over soil surface before planting. Apply as a full cover spray and repeat as required.
SUBTROPICAL Avocados	50 - 100 mℓ / 100 ℓ water (Do not exceed 3 ℓ/ha)	Apply at cauliflower stage of inflorescence and repeat at full bloom at 50 g/100 ℓ water. Do not exceed maximum dosage. Apply evenly to the drip zone of each tree. Do not exceed the maximum rate. Do not apply to young trees.
Citrus	25 - 50 mℓ/tree 2 - 4 ℓ/ha	Apply in a minimum of 3000 L water/ha as a full cover spray. Apply at a maximum rate of 4 kg/ha. Do not apply more than once per year.
VEGETABLES Cruciferae (Lettuce, Beetroot, Celery)	1 - 2 ℓ/ha	Apply as a full cover spray and repeat every 3 weeks as required.
Onions	1 - 2 ℓ/ha	Apply at pencil stage, bulb stage and 14 days after bulbing.
Potatoes	1 - 3 ℓ/ha	Apply as a full cover spray and repeat at 3 -4 week intervals as required.
Tomatoes	1 - 2 ℓ/ha	Apply as a full cover spray and repeat as required.

The rate of application is dependent on the soil fertility and reaction required. The lower rates should be used for maintenance while the higher rates should be used to correct nutritional deficiencies.

*CLUCO-CALMAG + B Reg. No. B5177 Act No. 36 of 1947