

BZM



Reg. No. B6493 Act No. 36 of 1947

Reg. No. N-F 1004 Act No. 36 of 1947

FERTILIZER GROUP 2

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

BZM is a water soluble fertilizer for use as a foliar feed to maintain or correct Boron, Zinc and Manganese levels in plants.



DANGER

Boron	(B)	131 g/kg
Zinc*	(Zn)	40 g/kg
Manganese*	(Mn)	19 g/kg

HAZARD STATEMENTS:

Harmful if swallowed.
Causes serious eye damage.
Harmful if inhaled.
May damage fertility or the unborn child.
Toxic to aquatic life.
Toxic to aquatic life with long-lasting effects.

PRECAUTIONARY STATEMENTS:

Avoid release to the environment.
Keep out of reach of children.

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

Emergency contact details

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

Rolfes 
Agri

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

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.
- Obtain, read and follow all safety instructions before use.
- Avoid breathing dust/fumes/gas/mist/vapours/spray.
- Wash hands and affected area thoroughly after handling. Do **NOT** touch eyes.
- Do **NOT** eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Get medical help.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Get medical help.
- If exposed or concerned, get medical advice.
- Rinse mouth.
- Collect spillage.
- Store locked up.
- Empty all contents from the container by placing it upside down over the spray tank and holding it there for at least 30 seconds. Puncture the rinsed container to render it useless and send to a recycler.

RELEVANT HAZARDOUS SUBSTANCES:

Zinc Glycinate < 20%, Boric Acid < 80% and Fatty Alcohol Ethoxylate (7 - 8 EO) < 10%.

FIRST AID TREATMENT:

- **General Advice:** The symptoms resulting from direct exposure to the product could appear a while after exposure. If there is persistent discomfort, seek medical attention.
- **Eye contact:** Flush eyes immediately with large amounts of flowing cold water for 15 - 20 minutes, until no evidence of chemical remains. If irritation persists, get medical help.

- **Skin contact:** Remove all contaminated clothing and shoes. Gently wipe off residual chemical and wash skin thoroughly with non-abrasive soap. If irritation persists, get medical help.
- **Inhalation:** Remove the affected victim from exposure to an area with fresh air. If breathing has stopped, administer artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
- **Ingestion:** Seek medical attention or call a poison control centre for treatment advice. Do **NOT** induce vomiting unless instructed to do so by a poison control centre or doctor. Do **NOT** give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.

DIRECTIONS FOR USE: Use only as directed.

Do **NOT** apply **BZM**:

- In combination with copper containing fungicides, phosphates or phosphonates.
- Within 30 days after application of any copper fungicides.
- in combination with highly alkaline material such as lime sulphur, Bordeaux mixture or certain boron products.

For use to prevent or correct micronutrient deficiencies of boron, zinc and manganese in crops as listed. The use of **BZM** should be based on soil or leaf analysis. Apply **BZM** as a foliar spray either in the early morning or late afternoon. Do not spray when temperatures exceed 30 °C or onto wilted plants as this can result in reduced uptake or leaf burn. It is advisable to do a miscibility test prior to mixing **BZM** with other chemicals. **BZM** could lower the pH of the spray water, therefore the use of a buffer is recommended when using in combination with other chemicals.

STORAGE:

Store in a cool dry place, out of reach of children, uninformed persons and animals. Do **NOT** store near pesticides. Wash hands with soap and water after handling this product. Dispose of container in accordance with the relevant regulations.

RECOMMENDATIONS:

Do not exceed the maximum rate per hectare.

Do not exceed a concentration of 2% (2 ℓ / 100 ℓ water) if mixed with other chemicals in a spray tank.

CROP	MAX APPLICATION RATE / HA PER	RECOMMENDATIONS
Cereals and Canola	2 kg	Start application at 3 – 4 leaf stage until beginning of grain fill period. Apply in 200 – 500 ℓ / ha water.
Deciduous Fruit (Pome and Stone Fruit)	4 – 6 kg	Apply from petal fall to one month before harvest with 10 - 14 day intervals. Apply as a full cover spray according to Tree Row Volume.
Grapes (Table/Wine)	2 kg	Apply in sufficient volume of water to ensure good leaf coverage. 1st Application: Before flowering 2nd Application: Post harvest in February
Green beans, soybeans and groundnuts	2 kg	Start application at flowering. Apply 2 sprays at 7 day intervals.
Pastures (Lucerne)	2 – 4 kg	Apply 1 – 2 applications before flowering. Apply 2 – 3 applications 10 days after cutting or grazing with 10 – 14 day intervals.
Subtropical Fruit (Avocados, Citrus, Mango, Litchi etc.)	4 – 6 kg	Apply as follows: 1. 1 – 2 applications before flowering. 2. 2 – 3 applications after flowering from petal fall onwards until one month before harvest. 3. 1 application post harvest before winter dormancy to maintain the crop for the next season.
Vegetables (Brassicacae, Bulb vegetables, Capsicum, Cruciferae, Cucurbits, Root- and Tuber vegetables, Tomatoes)	2 kg	Apply as soon as deficiency symptoms are noticed. Repeat application every 7 – 10 days, until no further deficiency symptoms on new growth is observed. Apply in 500 – 1 000 ℓ / ha water.

For optimum results **BZM** should be used in a program and in combination with other balanced fertilizers and foliar fertilizers. Use lower rates as a maintenance spray and higher rates to correct deficiencies. Consult with your chemical distributor for crop specific programs or if any other information is required regarding the use of **BZM**.