



# RFC: NEXGRAIN

Reg. No. B6517 Act No. 36 of 1947

**FERTILIZER GROUP 2**

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

**RFC: NEXGRAIN** is a liquid, chelated micro-nutrient mixture to be used for foliar, fertigation and aerial application.



**DANGER**

## ACTIVE INGREDIENT

Boron (B)	20 g/l	17 g/kg
Copper (Cu)	20 g/l	17 g/kg
Zinc (Zn)	40 g/l	35 g/kg

**SG: 1.23**

### HAZARD STATEMENTS:

Harmful if swallowed.  
Causes severe skin burns and eye damage.  
May cause respiratory irritation.  
Very toxic to aquatic life.

### PRECAUTIONARY STATEMENTS:

Read carefully and follow all instructions.  
Do not eat, drink, or smoke when using this product.

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

**Registration Holder: Rolfes Agri (Pty) Ltd.**  
(Reg. No. 1998/013411/07) • 288 Mundt Street, Waltooi, 0184,  
Gauteng, RSA. • Tel: (012) 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](http://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.
- Avoid breathing dust/fumes/gas/mist/vapours/spray.
- Wash hands and affected area thoroughly after handling.
- 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 SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN: Take all contaminated clothing off immediately. Immediately rinse with water for several minutes.
- 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 emergency medical help immediately.
- Get medical help if you feel unwell.
- Specific treatment (see first aid on this label)
- Rinse mouth.
- Wash contaminated clothing before reuse.
- Collect spillage.
- Store in a well-ventilated place. Keep container tightly closed.
- 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:

Ammonium Hydroxide 10-30%, Proprietary blend 10-30% and Citric Acid Monohydrate <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.

Do not exceed maximum application rate, irrespective of the amount of water applied.

CROP	MAXIMUM APPLICATION RATE PER HECTARE	APPLICATION RATE PER 100 ℓ WATER	RECOMMENDATIONS
<b>SUBTROPICAL CROPS</b> Avocado, Mangoes, Citrus, Litchi, Coffee, Papaya	1 - 4 ℓ	200 mℓ	Apply in at least 500 - 3000 ℓ of water/ha.
<b>NUT CROPS</b> Pecans, Walnuts, Pistachio, Cashew,	2 - 4 ℓ	200 mℓ	Apply in 1000 - 2000 ℓ water/ha.
Macadamia	2 - 4 ℓ	200 mℓ	Apply in sufficient water to provide good cover but avoid run-off, 1000 - 4000 ℓ / ha (based on tree row volumes).
<b>GRAINS:</b> Wheat, Barley, Oats	0.5 - 2 ℓ	500 mℓ	Apply as a full cover spray, as necessary. Lower application rates are maintenance sprays whereas the higher application rates can be used to treat deficiencies. Apply in 200 ℓ water/ha minimum.

- **Eye contact:** Flush eyes immediately with large amounts of flowing cold water for at least 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 or rash 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.

- **RFC: NEXGRAIN** should preferably be applied in the early morning or late afternoon.
- For optimum results, **RFC: NEXGRAIN** should be used in a program and in combination with other balanced fertilizers and foliar applications.
- Contact your chemical distributor or a **Rolfes Agri (Pty) Ltd** representative should crop specific programs be required, or if any other guidance is required concerning the use of this product.
- It is advisable to do a miscibility test prior to mixing **RFC: NEXGRAIN** with other fertilizers to check compatibility especially if more than 3 products are mixed in a tank mixture.
- Ensure good agitation once added to the spray tank.
- **RFC: NEXGRAIN** is a fully chelated mixture which can be used for fertigation, pivot, drip, micro application.
- **Consult a qualified Agronomist before spraying as the correct application rate will depend on soil fertility, the nutrient status of the plant as well as specific crops that are more or less sensitive to phytotoxicity during specific growth stages.**
- **These guidelines are meant to be generalized, for more specific guidelines, or for any crops not listed please contact your Rolfes Agri representative.**

CROP	MAXIMUM APPLICATION RATE PER HECTARE	APPLICATION RATE PER 100 ℓ WATER	RECOMMENDATIONS
<b>STONE AND POME FRUIT</b>	1.5 - 5 ℓ	150 - 300 mℓ	Apply in at least 1000 - 3000 ℓ water/ha.
<b>BERRIES</b> Blue, Goose, Strawberries	2 - 3 ℓ	200 - 400 mℓ	500 - 1000 ℓ water/ha.
<b>GENERAL VEGETABLES:</b> Brassicas, Leafy vegetables etc.	2 - 5 ℓ	500 mℓ	400 - 1000 ℓ water/ha.
<b>GRAPES</b>	1.5 - 5 ℓ	300 - 600 mℓ	500 - 1000 ℓ water/ha.
<b>CANOLA</b>	0.5 - 2 ℓ	500 mℓ	Apply as a full cover spray, as necessary. Lower application rates are maintenance sprays whereas the higher application rates can be used to treat deficiencies. Apply in 200 ℓ water/ha minimum.
<b>ROW CROPS</b> Maize, Soybean, Cotton	500 mℓ - 1 ℓ	500 mℓ	Apply in 200 ℓ water/ha minimum.
Fertigation	2 - 5 ℓ		Apply through drip or micro irrigation. Use lower application rate for seedling stage and increase application rate as plants increase in size.
Aerial Application	150 mℓ		Use at least 30 ℓ of water.
<b>For any other crops, please contact your Rolfes Agri representative.</b>			