

RFC: MicroCell™



Reg. No. B5871 Act No. 36 of 1947

FERTILIZER GROUP 2

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

RFc: MicroCell is a soluble liquid, fully chelated micro-nutrient mixture to be used as a foliar feed and fertigation.



DANGER

ACTIVE INGREDIENT

Zinc	(Zn)	20 g/t	16 g/kg
Copper	(Cu)	10 g/t	8 g/kg
Boron	(B)	10 g/t	8 g/kg
Manganese	(Mn)	10 g/t	8 g/kg
Iron	(Fe)	5 g/t	4 g/kg
Molybdenum	(Mo)	2.5 g/t	2 g/kg

SG: 1.16

HAZARD STATEMENTS:

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

PRECAUTIONARY STATEMENTS:

Read carefully and follow all instructions.
Keep out of reach of children.

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, Waltoot, 0184,
Gauteng, RSA. • Tel: (012) 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

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: 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)
- 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:

Proprietary blend <10% and Ammonium Hydroxide <10%

DIRECTION FOR USE: USE ONLY AS DIRECTED.

CROP	Maximum Rate per Hectare	Rate per 100ℓ Water	RECOMMENDATIONS
CEREALS Wheat, Barley, Oats	750 mℓ – 2 ℓ	375 mℓ	Apply 1 – 2 applications early in the season. Apply in a minimum of 200 ℓ water/ha.
GRAPES Table and wine grapes	750 mℓ – 2.5 ℓ	375 mℓ	Start application at 10 cm shoot growth. Repeat 10 – 14 days later. Apply in 1000 – 1500 ℓ water per hectare
MAIZE, SORGHUM, COTTON	750 mℓ – 2 ℓ	375 mℓ	Apply from 4-6 leaf stage to first node detectable. For moderate to severe deficiency, repeat applications within 10 – 14 days after first application. Apply in a minimum of 200 ℓ water/ha.
NUTS Pecan, Walnuts, Pistachio, Cashew	2 – 4 ℓ	187,5 mℓ	Apply middle January or when nut fill takes place. Apply in 1000 -2000 ℓ water. Do not apply during flowering
NUTS Macadamia	2 – 4 ℓ	187,5 mℓ	Apply at spring flush and at autumn flush. Apply in sufficient water, 1000 - 4000 ℓ/ha, to provide good cover but avoid run-off (based on tree row volumes)

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 immediately. 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:** If exposed or concerned, rinse mouth thoroughly with large amount of water and get medical advice.

DIRECTION FOR USE:

- **RFC: Microcell** should preferably be applied in the early morning or late afternoon.
- **DIRECTION FOR USE: USE ONLY AS DIRECTED.** For optimum results, **RFC: Microcell** should be used in a program and in combination with other balanced fertilizers and foliar feeds.
- 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: Microcell** with other chemicals to check compatibility especially if more than 4 products are mixed.
- Ensure good agitation once added to the spray tank.
- **RFC: Microcell** is a fully chelated mixture which can be used for fertigation, pivot, drip and micro application.

CROP	Maximum Rate per Hectare	Rate per 100ℓ Water	REMARKS
PERSIMMONS	750 ml – 2.5 ℓ	375 ml	Start application at 10 cm shoot growth. Repeat 10 – 14 days later. Apply in 1000 – 1500 ℓ water/ha.
STONE FRUIT Plums, Peaches, Nectarines, Olives, Cherries, Apricots	1.5 – 3.75 ℓ	187,5 ml	Apply with bud swell. Repeat 10 days later Apply in 1000 – 3000 ℓ water/ha or according to Tree Row Volume. Lower dosage with 1000 ℓ water and higher rate at 3000 ℓ water.
SUBTROPICAL FRUIT Avocados, Mangoes, Citrus, Litchi, Coffee, Papaya	2 – 4 ℓ	187,5 ml	Apply before flowering in September. If necessary, repeat 3 – 4 weeks later. Apply in 1000 – 3 000 ℓ water/ha.
SUGARCANE AND SUGAR BEET	1 – 2 ℓ	375 ml	For best results, apply early in the season when there are sufficient leaves to absorb the spray. Apply 1 - 2 applications in a minimum of 200 ℓ water/ha.
VEGETABLES FOLIAR APPLICATION Cruciferae, Solanaceae, Leafy vegetables, Berries, Onions, Beetroot, Carrots, Potatoes, Sweet potatoes	1.5 – 3 ℓ	375 ml	Apply at 2 - 3 weeks after 100% emergence in 200 - 300 ℓ water/ha. For moderate to severe deficiencies repeat the application 14 days later. (Apply in 300 ℓ water/ha.) Do only 1 - 2 applications per season. Do not apply during flowering or when fruit is visible as this may result in sediment on fruit unless fruit will be washed & clean afterwards
VEGETABLES FOLIAR APPLICATION Potatoes, Onions, Sweet potatoes	3 ℓ (Pivot application)	n/a	Apply 2 weeks after 100% emergence for pivot application. Do not apply in less than 600 ℓ /h.
FERTIGATION	1 ℓ	n/a	Apply through drip or micro irrigation. Use lower rate for seedling stage and increase rate as plants increase in size.