

Ag-Microplex



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

Reg. No. B4580 Act No. 36 of 1947

FERTILIZER GROUP 2

Ag-Microplex is a water-soluble powder containing micro-elements for soil and foliar application, fertigation, and hydroponic use.



DANGER

HAZARD STATEMENTS:

May damage fertility or the unborn child.

PRECAUTIONARY STATEMENTS:

Obtain, read, and follow all safety instructions before use.
Wear protective clothing and eye protection.

Boron	(B)	25 g/kg
Copper*	(Cu)	1,5 g/kg
Iron*	(Fe)	70 g/kg
Manganese*	(Mn)	30 g/kg
Molybdenum	(Mo)	3,5 g/kg
Zinc*	(Zn)	10 g/kg

*EDTA Chelated

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, Walthoo, 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

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



PRECAUTIONS:

- If medical advice is needed, have 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.
- Wear protective clothing and eye protection.
- If exposed or concerned, get medical advice.
- Store locked up.
- Empty all pesticides 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 SUBSTANCES:

Boric Acid 1 0-30 %

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

- **AG-MICROPLEX** is recommended for use during plant growth periods that require relatively high micro-nutrient levels and for use during periods when the uptake and movement of micro-nutrients in the plant is reduced.
- **It is advisable to do a miscibility test prior to mixing with other chemicals.**
- **AG-MICROPLEX** 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 programmes or any other information be required around the use of **AG-MICROPLEX**. For optimum results, **AG-MICROPLEX** should be used in a balanced foliar feeding programme.
- Store in a well sealed container, away from sunlight. Keep away from children, uninformed people, animals and foodstuffs. Wash hands after use.
- It is recommended that the spray water be buffered with a suitable buffer such as **Aqua-Right® 5***.

SOIL APPLICATION:

- **AG-MICROPLEX** can be used as a soil application. Consult your local agent or agronomist for the recommendation for use.
- Consult with a qualified agronomist or agricultural advisor on the necessity of using the product before application.

FOLIAR APPLICATION:

- Product can be applied either as a tractor spray or through the irrigation system. The recommended water rate for tractor spray is 200 – 3000 $\text{€} / \text{ha}$, depending on the crop, and up to 100 000 $\text{€} / \text{ha}$ through the irrigation system.
- Where TRV**'s differ from those on the label, adjust application rates per 100 € water accordingly, so that the product quantity per hectare applied remains the same. However, do not increase product concentration by more than 0,4 %.

CROP	APPLICATION RATE/HA	RECOMMENDATIONS
Citrus	2 – 3 kg / ha	Apply post-harvest, before flowering and repeat 2 weeks after 100 % petal fall if necessary. Do not exceed 6 kg / ha per season.
Field Crops and Vegetables	0,5 – 3 kg / ha	Apply as soon as there is enough leaf material to intercept spray. Repeat at 10 – 14 day intervals if necessary. Do not exceed 6 kg / ha per season.
Figs	0,5 – 1 kg / ha	Apply as a full cover spray after budbreak, but before set of the breba crop. Apply a second application between the breba crop and the main crop and a third application after harvesting the main crop. Apply in 2000 € water per hectare
Lucerne and Pastures	1 – 3 kg / ha	Apply after each cut or grazing when there is enough leaf material to absorb spray (typically a plant height of 10 – 15 cm). Ensure 14 days between application and grazing. Do not exceed 6 kg / ha per season.
Macadamias and Nut Crops	2 – 3 kg / ha	Apply post-harvest, before flowering. Repeat at 80 % petal fall if necessary. Apply in 2000 – 3000 € water per hectare. Do not exceed 6 kg / ha per season.
Maize	1 – 3 kg / ha	Apply at 4 – 6 leaf stage and repeat at 6 – 8 leaf stage if necessary. Do not exceed 6 kg / ha per season.
Olives	0,5 – 1 kg / ha	Apply post-harvest (6 – 8 weeks before leaf drop). Repeat at early spring/prior to flowering. A third application can be applied 1 week before flowering. Do not exceed 6 kg / ha per season. Apply in 500 – 1000 € water per hectare.
Onions	1 – 2 kg / ha	Apply when plant is 10 – 15 cm high and repeat at bulb formation if necessary. Do not exceed 6 kg / ha per season.
Pomegranates	1 – 2 kg / ha	Apply once as soon as there are enough leaves present. Apply again after harvest.
Potatoes	1 – 2 kg / ha	Apply 1 week after 100 % emergence and repeat at tuber initiation and 2 weeks later if necessary. Do not exceed 6 kg / ha per season.
Stone Fruit	1 – 2 kg / ha	Apply post-harvest (6 – 8 weeks before leaf drop). Repeat at bloom to 80 % petal drop. Apply a third application during pit hardening if necessary. Do not exceed 6 kg/ha per season. Apply in 500 – 1500 € water / ha.
Subtropical Fruit Crops	1 – 2 kg / ha	Apply post-harvest, before flowering and repeat at 80% petal fall if necessary. Do not exceed 6 kg / ha per season.
Sugarcane	1 – 3 kg / ha	Start application in early spring. Apply 2 sprays at 10 day intervals. Apply in 500 – 1500 € water per hectare.

CROP	APPLICATION RATE/HA	RECOMMENDATIONS
Tomatoes and Other Horticultural Crops	0,5 – 3 kg / ha	Apply from 7 days post-transplant and repeat at 7 – 10 day intervals if necessary. Do not exceed 6 kg / ha per season.
Vines	1 – 2 kg / ha at a maximum spray concentration of 0,1 %.	Apply the first application, just before flowering and repeat post-harvest. Do not exceed 4 kg / ha per season.
Wheat	1 – 3 kg / ha	Apply at 4 – 6 leaf stage and repeat at 10 – 14 day intervals if necessary. Apply the last application before the flag leaf is visible. Do not exceed 6 kg / ha per season.

FERTIGATION:

CROP	APPLICATION RATE / 1000 ℓ WATER or as indicated	RECOMMENDATIONS
Pot Plants, Ornamental Plants & Shrubs	10 – 20 g	Apply in 1000 ℓ water.
Seedlings in Trays	10 – 20 g	Apply 2 – 3 times from emergence to transplant in 1000 ℓ water.
Fruit Crops	2 kg / ha	Apply by means of the irrigation water or apply to the drip zone by hand. Use at least 5 – 10 mm water to wash the product into the root zone.

HYDROPONICS:

CROP	APPLICATION RATE / 1000 ℓ WATER	RECOMMENDATIONS
Cucumbers, Peppers, Strawberries and Tomatoes in Greenhouses	20 g	<p>Apply in 1000 ℓ water. The final solution will contain the following nutrient levels:</p> <p>B – 0.5 ppm Cu – 0.03 ppm Fe – 1.4 ppm Mn – 0.6 ppm Mo – 0.05 ppm Zn – 0.2 ppm</p> <p>Note: Use in combination with a balanced Nitrogen (N), Phosphorus (P), Potassium (K) and Calcium (Ca) programme.</p>

*AQUA-RIGHT® 5 Reg. No. L6205 Act No. 36 of 1947.

**TRV: Tree Row Volume