

CARBology[®] K



Reg. No. K8216 Act No. 36 of 1947

Reg. No. N-F 1099 Act No. 36 of 1947

FERTILIZER GROUP 1

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

CARBOLGY[®] K is a Nitrogen free liquid Potassium fertilizer solution for use as a foliar feed.

Not classified as hazardous according to GHS

Potassium (K) 213 g/kg (277 g/l)

SG (@20 °C) = 1,30 ± 0,02

Emergency contact details

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

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

Distributed by: INTELIGRO (Pty) Ltd.
3 Marchand Street, Wellington, 7655
Tel: +27 (21) 873 6177

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



LIFT HERE

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.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

- Do not apply **CARBOLGY® K**:
 - 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, MCPA, Bordeaux mixture or certain boron products.
- To be used only where there is a need.
- Do not exceed the appropriate application rates.
- Avoid application under climate extremes such as temperatures above 30 °C or wind speed exceeding 8 km/h.
- Wear suitable protective clothing.
- Clean all equipment before and after use.
- To be used only when recommended by a suitably qualified person.
- **CARBOLGY® K**: could lower the pH of the spray water. The use of a buffer is recommended when using in combination with other chemicals.

- **CARBOLGY® K** should preferably be applied in the early morning or late afternoon. **Do not apply to plants are undergoing a period of moisture or heat stress.**

MIXING INSTRUCTIONS:

Always follow the label instructions. Where water volume differs from typical rates as specified on the label, adjust application rates accordingly. Shake container thoroughly before use. Pour through the top filter into 3/4 filled tank. Keep agitation going. Top up with water and continue agitating whilst spraying.

COMPATIBILITY:

Read all labels carefully. Consult with your chemical distributor before tank mixing. It is advisable to do a miscibility test before mixing with other chemicals.

STORAGE:

Keep in a cool dry chemical store, out of reach of children and livestock. Protect product from frost and heat extremes during storage.

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 RATE/HA PER APPLICATION | DOSAGE RATE | REMARKS |
|---|-----------------------------|---|---|
| Berries (Blueberries, Gooseberries, Raspberries, Strawberries etc.) | 10 ℓ | 5 – 10 ℓ / ha per application | Apply during fruit fill and ripening at 10 – 14 day intervals as required. Based on a typical water volume of 50 – 500 ℓ / ha. |
| Cereals and Canola | 5 ℓ | 2 – 5 ℓ / ha | Apply during the reproductive stage of the plants |
| Deciduous Fruit (Pome and Stone Fruit) | 15 ℓ | 200 – 750 mL / 100 ℓ water | Apply 2 – 3 applications after petal fall. Fruit colour and size: Apply the first application 4 weeks prior to harvest and the second application 2 weeks later. Apply another 1 – 2 applications post-harvest. |
| Grapes Wine Grapes | 10 ℓ | 300 – 750 mL / 100 ℓ water | Apply 1 – 3 times, starting at pea size. Repeat every 10 – 14 days. |
| Table Grapes | | 400 – 750 mL / 100 ℓ water | Apply 1 – 3 times, starting at pea size. Repeat every 10 – 14 days. Apply 750 – 1 000 ℓ / ha water. |
| Olives | 20 ℓ | 450 mL up to max 700 mL per 100 ℓ water per application | Start application 1 to 2 weeks after full bloom and repeat 3 to 4 weeks later. Based on a typical water volume of 1 500 ℓ/ha. |
| Row Crops Maize, Hops etc | 5 ℓ | 2 – 5 ℓ / ha | Apply during the reproductive stage of the plants |

| CROP | MAX RATE/HA PER APPLICATION | DOSAGE RATE | REMARKS |
|---|-----------------------------|---------------------------------|--|
| Subtropical Fruit (Avocado, Citrus, Mango, Litchi etc.) | 15 ℓ | 200 – 500 mℓ / 100 ℓ water | Apply 1 – 2 applications between bud break and onset of flowering (two thirds of growth flush completed) |
| | | 500 – 1 000 mℓ / 100 ℓ water | Apply 1 – 2 applications after petal fall. |
| | | 200 – 500 mℓ / 100 ℓ water | Fruit colour and size: Apply the first application 4 weeks prior to harvest and the second application 2 weeks later. Apply another 1 – 2 applications post-harvest |
| Tree Nuts (Macadamias, Pecans and other Nuts) | 15 ℓ | 200 – 500 mℓ / 100 ℓ water | Apply 1 – 2 applications between bud break and onset of flowering (two thirds of growth flush completed) |
| | | 500 – 1 000 mℓ / 100 ℓ water | Apply 1 – 2 applications after petal fall. |
| | | 200 – 500 mℓ / 100 ℓ water | Nut size: Apply the first application 4 weeks prior to harvest and the second application 2 weeks later. Apply another 1 – 2 applications post-harvest |
| Turf | 20 ℓ | 15 – 20 ℓ /ha | Apply as repeat applications at 14 day intervals as needed. Based on a typical water volume of 200 ℓ /ha. |
| Vegetables Brassicas, Bulb vegetables, Capsicums, Cruciferae, Cucurbits, Root- and Tuber vegetables, Tomato, etc | 10 ℓ | 5 – 10 ℓ /ha | Apply during the reproductive stage of the plants. The dosage rate depends on the cultivar and adequate nutritional levels during the specific growth stage |

For optimum results **CARBOLOGY® K** should be used in a program and in combination with other balanced fertilizers and foliar feeds. 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 **CARBOLOGY® K**.