

CARBology[®] Induce



Reg. No. B3658, Act No. 36 of 1947

Reg. No. N-F 1002 Act No. 36 of 1947

FERTILIZER GROUP 2

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

CARBOLGY INDUCE is a liquid fertilizer in a kelp base containing nitrogen, phosphorus, micro-elements, and plant growth regulators used for promoting root establishment and general plant growth.



DANGER

ACTIVE INGREDIENT

Nitrogen	(N)	34 g/kg	(38,4 g/l)
Phosphorus	(P)	52 g/kg	(58,7 g/l)
*Zinc	(Zn)	929 mg/kg	(1050 mg/l)
*Iron	(Fe)	1806 mg/kg	(2041 mg/l)
*Manganese	(Mn)	920 mg/kg	(1040 mg/l)
*Copper	(Cu)	904 mg/kg	(1022 mg/l)
Boron	(B)	1811 mg/kg	(2046 mg/l)
Molybdenum	(Mo)	124 mg/kg	(140 mg/l)

HAZARD STATEMENTS:

May damage fertility or the unborn child.

PRECAUTIONARY STATEMENTS:

Wear Full cover clothing, chemical goggles and a self-contained breathing apparatus.
If exposed or concerned, get medical aid.

Auxins	9,7 mg/kg	(11 mg/l)
Cytokinins	6,1 mg/kg	(6,9 mg/l)

Rolfes 
Agri

SG: (20 °C) 1,13 ± 0,02

Emergency contact details

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

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

Manufactured for and Distributed by: INTELICHEM (PTY) LTD
Suite 41 • Private Bag X4 • Die Boord
Stellenbosch • 7600 • Tel: +27 (21) 881 8500

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 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 Full cover clothing, chemical goggles and a self-contained breathing apparatus.
- If exposed or concerned, get medical aid.
- 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 SUBSTANCE:

Boric Acid > 10%

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

Do not apply **CARBOLOGY® INDUCE**:

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.

CARBOLOGY® INDUCE is recommended for use during periods that require high phosphorus levels such as for seedlings, transplants, young plants, and established plants during periods of stress when active root growth is or has been reduced.

CARBOLOGY® INDUCE is a completely water-soluble fertilizer.

CARBOLOGY® INDUCE is readily taken up by the plant and is formulated for use as both a foliar feed and soil drench.

It is advisable to do a miscibility test prior to mixing with other chemicals. Do not exceed a concentration of 2% (2 ℓ / 100 ℓ water) if mixed with other chemicals in a spray tank.

CARBOLOGY® INDUCE 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.

CARBOLOGY® INDUCE could lower the pH of the spray water, therefore the use of a buffer is recommended when using in combination with other chemicals

RECOMMENDATIONS:

Please ensure not to exceed the maximum rate per hectare

CROP	MAX RATE / HA PER APPLICATION	RATE PER 100 ℓ WATER	REMARKS
Beans, Groundnuts, Peas, Soy-, Green and dry Beans	5 ℓ	2 – 5 ℓ	Apply 2 – 4 weeks after germination when enough leaves have developed for absorption.
Cereals (Maize, Wheat, Sorghum, Barley, Oats) and Canola	5 ℓ	2 – 5 ℓ	Apply 2 – 4 weeks after germination when enough leaves have developed for absorption.
Deciduous Fruit (Pome and Stone Fruit) Transplants		1 ℓ	Apply as a 1 % solution to the plant hole during planting.
Non Bearing Trees	10 ℓ	300 – 600 mℓ	First application on new spring growth. Repeat with 2 – 3 weekly intervals. Can also be applied as a soil treatment during the planting stage.
Bearing Trees	10 ℓ	300 – 600 mℓ	First application on new spring growth. Repeat 4 – 6 times with 2 weekly intervals.
Grapes Transplants		1 ℓ	Apply as a 1 % solution to the plant hole during planting.
Non Bearing Trees	10 ℓ	300 – 600 mℓ	First application on new spring growth. Repeat with 2 – 3 weekly intervals. Can also be applied as a soil treatment during the planting stage.
Bearing Trees	10 ℓ	300 – 600 mℓ	First application on new spring growth. Repeat 4 – 6 times with 2 weekly intervals.
Pastures Lucerne	5 ℓ	2 – 5 ℓ	Apply 2 – 4 weeks after germination when enough leaves have developed for absorption.
Row Crops Maize, Sunflower, Cotton	5 ℓ	2 – 5 ℓ	Apply 2 – 4 weeks after germination when enough leaves have developed for absorption.

CROP	MAX RATE / HA PER APPLICATION	RATE PER 100 ℓ WATER	REMARKS
Subtropical Fruit (Avocado, Citrus, Mango, Litchi etc.) Transplants		1 ℓ	Apply as a 1 % solution in the plant soil during the planting stage.
Non Bearing Trees	10 ℓ	300 – 600 mℓ	Apply 2 – 3 applications during the active growth stage.
Bearing Trees	10 ℓ	300 – 600 mℓ	First application before flowering stage. Follow up with 4 – 6 foliar sprays every 2 weeks.
Tree Nuts (Macadamias, Pecans and other Nuts) Transplants		1 ℓ	Apply as a 1 % solution in the plant soil during the planting stage.
Non Bearing Trees	10 ℓ	300 – 600 mℓ	Apply 2 – 3 applications during the active growth stage.
Bearing Trees	10 ℓ	300 – 600 mℓ	First application before flowering stage. Follow up with 4 – 6 foliar sprays every 2 weeks.
Vegetables (Brassicas, Bulb vegetables, Capsicums, Cruciferae, Cucurbits, Root- and Tuber vegetables, Tomato, etc.) Transplants	5 ℓ	2 – 3 ℓ	Apply as a 1 % solution during transplant.
Established plants		3 – 5 ℓ / ha	Apply 3 – 6 foliar applications during the active growth stage with two weekly intervals.

For optimum results **CARBOLOGY® INDUCE** should be used in a programme and in combination with other balanced fertilisers and foliar feeds. Use lower rate as a maintenance spray and higher rates to correct deficiencies. Consult with your chemical distributor should crop specific programmes or any other information be required around the use of **CARBOLOGY® INDUCE**.