

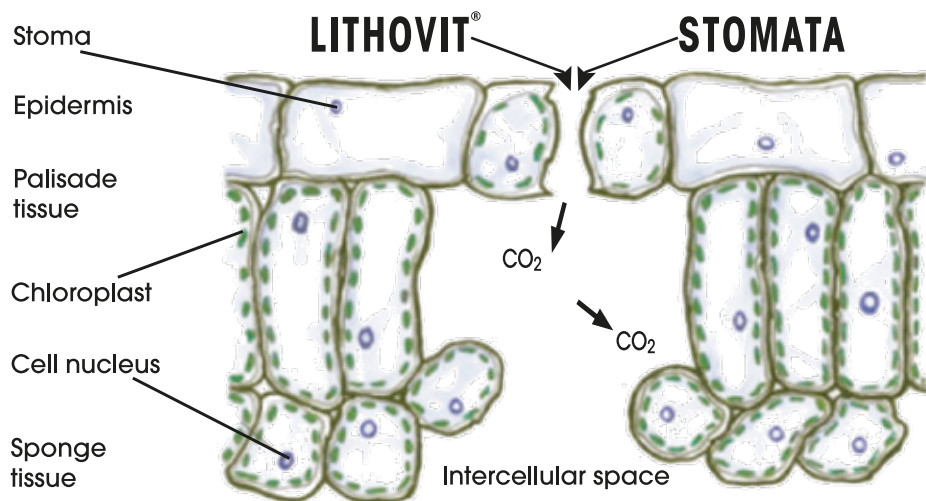


## NATURAL CO<sub>2</sub> FOLIAR FERTILIZER

TURBO DYNAMIC PRODUCT FOR INDOOR & OUTDOOR USE  
Highly effective for all field crops, grasslands, fodder plants, intensive cultivation, horticulture, tunnels and forestry

### Functions

Lithovit® is a natural highly energized product, created by turbo dynamic activation and micronization. These turbo dynamic fine particles are sprayed onto the leaf surface, taken up through the stomata (skin mouth) and converted into carbon dioxide. Normal air contain 0.04% CO<sub>2</sub> which is a limiting factor of CO<sub>2</sub> supply in the leaf during the peak growth period when normal 0.04% CO<sub>2</sub> supply is insufficient for additional photosynthesis. With the Lithovit® spray the CO<sub>2</sub> supply is increased to 0.1% CO<sub>2</sub> in the intercellular space which stimulate additional photosynthesis activity resulting in increased growth and production.



CROSS SECTION OF LEAF

#### FOLIAR APPLICATION

1. (a) Trees: 10 days after foliageation started  
(b) Vegetables: From 4-6 leaf stage
2. With start of fruit set
3. Follow-up applications after ±14 day intervals (fruit set)  
Dilute @ 0.5% with water (500 g per 100 L)  
Total application: 3-5 kg/Ha per season

#### SEED TREATMENT

1. Treat seed like wheat @ 100 g / 100 kg
2. Mix 100g or more Lithovit® with seed or plantroots planted on 1 Ha
3. Dilute at 0.5 - 1%

#### DIP METHOD

1. Mix 1% Lithovit® in bowl with clean water
2. Dip the plant's root zone in dip bowl for 15 minutes  
2. Dip the tree's root zone in dip bowl for 30 minutes

### LITHOVIT® Characteristics

- Accelerates growth and intensifies green colouration
- Increase yield quality, physiological growth and shelf life
- Increase resistance against drought and heat by closing stomata at an early stage which will decrease evaporation (reduces water requirement)
- Increase resistance against frost up to under freezing point
- Increase natural resistance against harmful insects
- The first CO<sub>2</sub> foliar fertilizer which can be successfully applied outdoors
- Increase hydroponic and tunnel production
- Improve the uptake of essential micro-elements by the plant
- Harmless to people and animals, will not pollute water or soil
- Seed treatment stimulate strong root growth

#### Registration:

Reg. No. B 4206 Law 36/1947  
Approved as an organic input product

Lithovit® fits into specific plant growth stages and must be applied according to prescribed times to make use of maximum nutritive values. Where irrigation will be used the applications can be divided into 5 stages as long as it stays in the prescribed period and quantities.

#### AGENT DETAILS:

For specific crop fertilizer recommendations please contact the office or agent:

OFFICE: 086 100 5051  
www.lithovit.co.za

ELEMENT	QUANTITY
CaCO <sub>3</sub>	84,5%
MgCO <sub>3</sub>	4,60%
SiO <sub>2</sub>	7,6%
K	0,3%
P	0,30%
Fe	7493 mg/kg
Al	5838 mg/kg
S	0,10 mg/kg
Sr	1027 mg/kg
Ba	49,7 mg/kg
Mn	166 mg/kg
Zn	16 mg/kg

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