



Soluble Phosphorus & Potassium liquid fertilizer

Reg. No. K 10932 Act No. 36 of 1947 / Reg Nr. K 10932 Wet Nr. 36 van 1947

READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

Group/Groep	1	Fertilizer/Kunsmis
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A SOLUBLE LIQUID FERTILIZER TO SUPPLY PHOSPHORUS AND POTASSIUM TO CROPS AS LISTED.

Danger	Hazard Statements: • May be corrosive to metals. • Harmful if swallowed. • Causes severe skin burns and eye damage. • Causes serious eye damage.
	Precautionary Statements: • Keep only in original container. • Do not breathe mist and spray. • Wash hands thoroughly after handling.

Composition:		
Phosphorus (P)	72 g/kg	98.6 g/L
Potassium (K)	139 g/kg	190.4 g/L

S.G (at 20°C): 1.37

UN 1760

Net Volume:
20 L



Registered, Marketed and Distributed by / Geregistreer, Bemark en Versprei deur:

MBFi (PTY) LTD • Reg No.: 2015/165672/07

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Poly-K-Phos® is a registered trademark of MBFi (PTY) LTD /
Poly-K-Phos® is 'n geregistreerde handelsmerk van MBFi (EDMS) BPK.



ZAR 003

Nutrition

WARNINGS:

- GHS Hazard Statements:

Pictograms and Signal word	Hazard Statements	
Danger  	H290	May be corrosive to metals.
	H302	Harmful if swallowed.
	H314	Causes severe skin burns and eye damage.
	H318	Causes serious eye damage.

- Relevant Substance:

Name	CAS No.	Weight (%)
Phosphoric acid	7664-38-2	51.73
Potassium hydroxide	1310-58-3	11.48

Although this fertilizer has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label as well, as by the method, time and accuracy of the application. Furthermore, the registration holder does not accept responsibility for damage to crops, vegetation, the environment, harm to man or animal, or lack of performance of the fertilizer concerned, due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- GHS Precautionary Statements:

P234	Keep only in original container.
P260	Do not breathe mist and spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P301 P330 P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 P361 P354	IF ON SKIN (or hair): Remove/Take off all contaminated clothing immediately. Rinse skin with water or shower.
P304 P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 P351 P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.

- Clean applicator and mixing containers thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Triple rinse the empty container: Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter, rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Do not re-use container for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

DIRECTIONS FOR USE:

- SHAKE BEFORE USING.
- Use only as indicated on this label.
- It is recommended to test tank compatibility and potential phytotoxicity before applying large scale.

Mixing: Poly-K-Phos® should preferably be applied in the early morning or late afternoon. The rate of application is dependent on the soil fertility, soil pH, soil type and reaction required. The lower rates should be used for maintenance while the higher rates will correct nutritional deficiencies.

Storage: Poly-K-Phos® should be stored out of direct sunlight and in a dry and cool place under frost-free conditions. Keep the product locked up and out of the reach of children and animals. Avoid contamination of foodstuff or water sources.

Crops	Dosage/ha	Remarks
All crops with irrigation	10-50 L	Apply 10-50 L/ha with 1000 L water through irrigation system to replace monopotassium phosphate use.
Avocado	250 ml-1 L/100 L water Max 15 L/ha	Apply 3 applications just before flowering, at fruit enlargement and ripening stage. Apply with 1000-2000 L water/ha.
Berry	3-5 L	Apply first application at flowering and repeat every 14 days during fruit enlargement and ripening. Apply with 250-500 L water/ha.
Carrot	5-10 L	Apply with 500 L water/ha. Apply at tuber initiation, and repeat every 14-21 days.
Citrus	250 ml-1 L/100 L water Max 15 L/ha	Apply 3 applications just before flowering, at fruit enlargement and ripening/brix building stage. Apply with 1000-2000 L water/ha.
Legumes: Clover, Dry & Green Bean, Lucerne, Peanut, Soybean and other	3-5 L	Foliar: Max 10% spray tank concentration and apply at V4, R1 (first flower) and R5.1 (pod fill).
Maize	3-5 L 10-50 L	Foliar: Max 10% spray tank concentration and apply at V4 and V8 growth stage and again at VT growth stage. Irrigation: Apply at plant in P-retentive (high or low pH) soils.
Nuts: Macadamia, Pecan	250 ml-1 L/100 L water Max 15 L/ha	Start application at 50% flowering; fruit set; 28 days later and then as required.
Onion	3-5 L	Apply with 250-500 L water/ha. Apply 2 weeks after emergence, repeat at 21 day intervals.
Pastures	5-10 L	Foliar: Max 10% spray tank concentration and apply at spring and autumn flush.
Pome Fruit: Apple, Pear	250 ml-1 L/100 L water Max 10 L/ha	Apply 3 applications just before flowering, at fruit enlargement and ripening/brix building stage. Apply with 1000-2000 L water/ha.

Crops	Dosage/ha	Remarks
Potato	5-10 L	Apply with 500 L water/ha. Apply at tuber initiation and repeat every 14-21 days.
Stone Fruit: Apricot, Nectarine, Peach, Plum	250 ml-1 L/100 L water Max 10 L/ha	Apply 3 applications just before flowering, at fruit enlargement and ripening/brix building stage. Apply with 1000-2000 L water/ha.
Strawberry	3-5 L	Apply first application at flowering and repeat every 14 days during fruit enlargement and ripening. Apply with 250-500 L water/ha.
Sugarcane	15 L 10 L	Irrigation: Apply at plant in P-retentive (high or low pH) soils. Ratoon: Apply with a min of 200 L water/ha. Apply at 30 cm and 60 cm ratoon height as a foliar spray to enhance the RV.
Table and Wine Grapes	250 ml-1 L/100 L water Max 10 L/ha 10-15 L	Foliar: Apply with 1000 L water/ha. Apply 3 applications at fruit set, pea size fruit stage and at ripening stage. Irrigation: Apply at plant in P-retentive (high or low pH) soils.
Tomato	3-5 L	Apply first application at flowering and repeat every 14 days during fruit enlargement and ripening. Apply with 250-500 L water/ha.
Wheat	3-5 L 10-50 L	Foliar: Max 10% spray tank concentration and apply at 6-7 leaf stage and again at tillering. Irrigation: Apply at plant in P-retentive (high or low pH) soils.