

sea-potas

is a fish concentrate base and Kalium enriched soluble combination



Sea-Potas is a fish concentrate base and Kalium enriched combination for use as a Kalium fertilizer and/or additive. The fish fibre acts as nutrient carrier as well as preventive measure against loss with drainage.

Kalium is needed by all plant and animal life, which include photosynthesis regulating of Osmoses, and activation of Enzymes. Shortages of Kalium will result in shortened growth, delayed adulthood and lower production.

Kalium is needed as a plant feed right from the beginning of plant growth, but the most important function is from fruit forming, during fruit growth, and final sizing of the produce.

Sea-Potas is very suitable as a soil or foliar feeding. Foliar feeding is the quickest way to recover a Kalium shortage. Sea-Potas is a highly effective source of Kalium and Sulphur for plants, and can be recommended for any of the plant growth phases when required.

Advantages:

- Fully water soluble
- Highly concentrated source of Kalium for crops
- Excellent Sulphur additive
- Recommended for soil and foliar application
- Contains almost no Chloride and won't contribute to any salt content
- Enhance the availability for Iron and Phosphate
- Do not leach or drain away

Sea-Potas is very suitable for vegetable and fruit production because of the low Chloride content. Production of secondary crop functions such as vitamins, aroma, organic acids and plant sugars are more effective in the absence of Chloride in the fertilizer.

Kalium improves production and quality of crops, and increases the resistance against biotic tension (like diseases, pests and insects). It also improves resistance on abiotic tension (like cold and heat).

Mixability: Sea-Potas is mixable with the majority of water soluble fertilizers and pest control products except Calcium (Ca) and Magnesium (Mg). If unsure (especially with pest control products) a quantity can be tested in a jar.

Application: All applications are shown in L / Ha before dilution

Soil Application: Dilute 1:10 to 1:20 (Can be applied through irrigation)

Quantity: • 5 – 25 L / Ha and repeat every 14 days

Foliar Application: Dilute 1:100 – 1:200

Quantity: • Apply 5 L / Ha and repeat as above. A Dilution of 1:200 is recommended where a large area of leaves need to be covered. The quantity (concentrate / Ha) stay the same

- A good leaf spray to the point of drip is recommended for best results

See Eco-Fert standard directions for use or crop recommendations

Sea-Potas Content

Macro-Element % content

N	5.77
P	0.34
K	6.11
Ca	0.22
Mg	0.16
S	2.71

Micro-Element ppm

Fe	88
Zn	20
Cu	1
B	10
Mn	6
Mo	295.05
C:N	2.4:1

Kalium for crops and other important functions:

- Improve root growth
- Improve drought resistance
- Delay plant diseases
- Contribute to cell wall elasticity
- Contribute to uptake of Nitrogen
- Reduce water loss and dehydration of the plant
- Increase plant protein content
- Important for photosynthesis
- Contribute to water balance in fibre and efficiency of water use
- Regulate manufacturing of high plant energy components
- Activate Enzyme systems
- Increase binding of Nitrogen in legumes
- Manufacture starch in grain products
- Contribute to build cellulose

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Reg. No. K 9019 (Act 36/1947)



Note: Mixtures must be used on the same day that it was made

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

OFFICE: 086 100 5051
www.eco-fert.co.za

AGENT DETAILS:

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