« Enhanced efficiency through innovation »

KYNOKELP®

Name:

KynoKelp®

Properties (What):

KynoKelp is seaweed suspension containing natural macro and micro elements that can be used as a foliar application or root application. It is derived from the kelp species Ecklonia maxima, which grows along the Atlantic coast of Southern Africa.

Seaweed extract	98% m/m
Presentation	Green Liquid
pH	6 - 6.2 (0.01% dilution @ 20 °C)
Similar Weight (SG)	1 - 1.1 g/cm3 @ 20°C
Phosphate (P)	96.4 g/kg of 97.4 g/L

*Due to seasonal variations and the natural ingredients used in this product, values may change.

Application (How):

- The application rate is dependent on the plant growth stage, the degree of adverse conditions and the response required. The lower doses can be used for maintenance while the higher doses will enable the crop to overcome periods of severe stress.
- KynoKelp should preferably be applied in the early morning or late afternoon.
- It is advisable to do a miscibility test first before mixing KynoKelp with other fertilizers.
- Please ensure that you do not exceed the maximum application rates per hectare. Do not exceed a concentration of 2% (2L/100L) when mixed with other fertilizers in a spray tank.

Foliar Application:

- Apply a minimum concentration of 0.2% (2L/1'000L of water), but do not exceed an application rate of 2% (2L/100L). When using low volume sprayers, increase the concentration accordingly so that a minimum of 2L of KynoKelp per hectare is used.

Fertigation:

- Apply at a concentration of 0.1% (1L in 1'000L of water). Repeat every 7 - 14 days for at least 4 applications.

Crop	Application amount	Application
Legumes		
Soyabeans	4L/ha	Apply at the third, three-leaf stage.
	2L/ha	Apply 14 days later.
Green Beans, Dry Beans, Lentils, Lupins, Clover, Alfalfa, Peanuts	2L/ha	Apply at the third, trifoliate leaf. Repeat application twice with 14 day intervals.
Solanaceous Fruits		
Potatoes	200ml/100L water	Spray potato nuts in planting furrow with planter.
	4 L/ha	Apply a second application 21 to 28 days later to germination.
	2 L/ha	Reapply 10 to 14 days later, but avoid application during flowering stage.
Tomatoes, peppers, paprika, chilli	1L/100L water	Dip the roots of the seedling in the solution before transplanting or alternatively drench the transplants just before or after plant out.
	2L/ha	Apply 14 days after transplanting and repeat the application twice with 14 day intervals.
Vine		
Wine and Table Grapes	3L/ha	Apply in 1000L of water after flowering and repeat 2 to 3 times at 10 to 14 day intervals.

Benefits (Why):

- Kynokelp encourages the growth of plant roots. The improved root growth increases nutrient absorption and water use. Higher yields are produced by established, stronger plants.
- The plants experience extreme stress while producing fruit, which Kynokelp can help manage.
- Kynokelp aids plants in managing additional stress factors that could restrict growth.

Uses (Why):

- KynoKelp is designed to be applied as a soil application as well as a foliar feed because it is readily absorbed by plants.
- Apply when additional root growth is necessary, such as during seed germination or transplanting.
- Use if unfavourable environmental circumstances prevent or restrict root growth.
- Can be used to keep the root system healthy.
- During bud development, fruit set, and rapid fruit development, kynokelp can be used.
- When the plants are under extreme stress, KynoKelp can also be used.
- High salt content or low temperatures are two examples of stressful situations.

Kynoch Fertilizer (Pty) Ltd Reg No. 2009/0092541/07
KynoKelp Reg. No. M314 Act 36 of 1947
(All products are registered under Act 36 of 1947)

Tel: 011 317 2000 • Faks: 011 513 0034 • www.kynoch.co.za • info@kynoch.co.za
1ste Vloer, ETG House, Wierdaweg Oos 62, Sandton, 2146