HydraFlow

SUPER K PLUS

3 - 13 - 20 N-P_2O_5-K_2O + 7% Zinc w/w

A high analysis liquid suspension fertiliser for crops and / or areas that require a readily available source of potassium and zinc.

The nutritional elements work in together with the plants metabolism to provide the yield and quality at the most crucial times.

THE FUNCTION OF NITROGEN

Nitrogen is the major building block in protein and chlorophyll. It is also essential for lipid and cytoplasm formation. Highly mobile in the plant, nitrogen is translocated to new growth. Yellowing of leaves and stunted growth are the main deficiency symptoms.

THE FUNCTION OF PHOSPHORUS

Phosphorus acts as a structural component of nucleic acids, and phospholipids, which form, plant membranes. It is also important in cell division, and energy transfer due to the formation of ATP and ADP. Lack of growth in shoots and roots is symptomatic of phosphorus deficiency. Phosphorus can be affected by pH, Phosphate retentive soils and low phosphorus reserves.

THE FUNCTION OF POTASSIUM

Potassium, a highly mobile element in the plant, regulates cell turgidity. It is therefore important in stomata control. Potassium also maintains cell division and formation of proteins, carbohydrates and fats. Deficiencies of potassium generally result in low yields of poor quality and burn of the leaf tips.

THE FUNCTION OF ZINC

Zinc forms part of the enzyme carbonic anhydrase, essential to maintain CO_2 levels for photosynthesis. Zinc also plays an important role in the synthesis of the plant hormone Indoleacetic acid from amino acids, which controls cell expansion, elongation and helps to initiate cell division.

GUARANTEED ANALYSIS		W/W%
Nitrogen	(N)	3.00
Phosphorus	(P_2O_5)	13.00
Potassium	(K_2O)	20.00
Zinc	(Zn)	7.00

CROP	RATE: L/ Ha	WATER*
Vines	2 - 3	1 : 50 - 100
Broadacre	2 - 5	1 : 50 - 100
Vegetables	5 - 8	1 : 50 - 100
Tree Crops	5 - 10	1 : 50 - 100

A dilution of 1 : 100 means 1 part product : 100 parts water.
In hot weather, use the higher dilution rate where applicable.

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