



HydraFlow

KELP XTRA

Liquid Kelp Extract

HydraFlow Kelp Xtra is a concentrated form of natural plant hormones derived from seaweed combined with additional Auxins and Gibberellins.

Extracted from the fastest growing seaweed on the planet (*Ecklonia maxima*), HydraFlow Kelp Xtra delivers cytokinins and Auxins to help expand and increase the root mass of plants. Simply, without the presence and activity of hormones, plants would not grow.

Plant Hormones control the rate and direction of growth and are only required in very small amounts. Auxins (Indole Acetic Acid) control cell expansion and help initiate cell division. It affects the elasticity of cell walls (like blowing up a balloon), allowing the cell to expand and grow. Cytokinins affect the rate of cell division and therefore the promotion of growth. Gibberellins control cell elongation.

Of more importance is the role that Auxins and Cytokinins have when they are in combination. Depending on the concentration of both these hormones, root or shoot growth can be initiated. HydraFlow Kelp Xtra contains a high concentration of Auxins and a lower concentration of Cytokinins. This ratio will result in an increase of root mass of the plant.

GUARANTEED ANALYSIS		W/W%	W/W%
Nitrogen	(N)	0.00	2.90
Phosphorus	(P ₂ O ₅)	0.00	3.30
Potassium	(K ₂ O)	0.00	0.60
Zinc	(Zn)	0.00	0.50
Fulvic Acids		0.00	0.50

Hormones

Auxins	50,000 ug/L
Gibberellins	50,000 ug/L
Cytokinins	3 ug/L

CROP	RATE: L/ Ha	WATER*
Vines	1 - 2	1 : 100
Broadacre	0.5 - 2	1 : 20
Vegetables	1 - 2	1 : 100
Tree Crops	1 - 3	1 : 100

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