NZ KELP LTD information about NZ Giant kelp

Potent seaweed fertiliser concentrated into a fine powder

Derived from *Macrocystis pyrifera*, harvested from the clean, cold waters of the South Island of New Zealand, this is the highest iodine analysis kelp product in the world. Available in a powder, which reduces transport costs, this seaweed fertiliser can be used through irrigation or as a highly productive foliar fertiliser. Kelp is a natural source of auxins, cytokinins and gibberellins, and these ingredients, in conjunction with the comprehensive range of trace elements, amino acids and chelating agents found in kelp, can provide many benefits. Kelp also contains complex carbohydrates which are a powerful microbial promoting the fungal component of the soil can be boosted with NZ Kelp Powder.

Benefits

Can be a valuable rescue remedy during periods of stress.
Shows significant anti-bacterial and anti-fungal activity.
Improves crop quality and associated shelf-life.
Boosts soil life activity, particularly the fungal fraction.
Reduces the maturation time.
Increased brix levels may increase cold tolerance in some crops.
Increases brix levels with an associated reduction in insect attraction
Offers DIY chelation, as it contains a chelating agent called mannitol.
Contains broad-spectrum trace elements in naturally chelated plant available form.
Boosts flowering and improves the flower to fruit ratio.
Reduces and delays bug infestations.

Instructions

When applying the kelp in dry form we recommend 1-2Kg/Ha and use lime powder or similar as a carrier for application.
Alternatively, mix 1Kg or 500g of kelp powder with 1000L of water (to make 1% or 0.5% solution respectively), stir vigorously and allow too sit until solids have settled.
Either decant and apply the liquid or agitate the suspension at the rates below. Remaining solids can be added directly to soil or allowed to decompose and then added to the next application.

Application Rates of kelp for Foliar Spray

Small Crops, Turf & Vines: 400 - 750 g per ha
Orchard Crops: 600 g - 1 kg per ha
Broadacre/ pasture: 100 - 200 g per ha
Fertigation: 2-5 kg per ha
Rooting Powder Dip cuttings into water then into the kelp powder. Insert into the soil into spiked hole.
Seedling Treatment Dip seedlings into a 1:1000 solution to reduce
transplant shock, or fertigate immediately after planting at 1 kg/ha
Pre-Flowering Foliar Recipe for Fruit Trees
For home gardens, add a teaspoon of kelp to 4 L of water and water plants in after transplanting with 1 – 4 L per plant, depending on plant size.

Miscellaneous

Suggested rates and dosages are approximate and may vary depending on the climatic region, soil type and fertility. Additional applications can be made immediately prior to or following stress periods such as frost or drought. It is preferable to increase the frequency of applications rather than the concentration of the solution. Lower dilution rates should be applied to less dense foliage. Increase to higher rates as foliage matures. Kelp is compatible with most insecticides, fungicides and fertilisers but, when chemical interaction is unknown, a jar test should be conducted. pH adjustments may be required with acidic mixtures. It has excellent storage capacity, however, open containers or plastic bags should be closed and stored in a dry location away from sunlight.

Avoid spillages on floor as product becomes very slippery when mixed with water and may create a hazard.