

NATRASOL FOR PASTURE

The nutritional requirements of pasture vary considerably according to the farming situation. Removal of nutrients from dairy farms is high whereas that from beef cattle and sheep properties is usually less. Liquid seaweed fertilisers provide significant benefit to pastures but generally, on their own, do not supply significant amounts of nitrogen or phosphorus. When used in conjunction with conventional granular fertiliser, input costs can be significantly reduced resulting in improved soil health.

It is known that the use of chemical fertilizers inhibit the uptake by plants of many minerals in the soil, assuming they were present in the first place. Boron, Cobalt, Calcium, Copper, Magnesium, Potassium, Selenium, Zinc and most other trace minerals are casualties of artificial fertilizers.

Natrasol [Plus](#), made up of chelating agents of Kelp, [Fish](#), and Fulvic Acids can be applied to boost pasture growth by creating a synergistic liquid that provides the most efficient plant uptake.

Nitrogen is partly, supplied from the air by nitrogen fixing bacteria present in the soil or root nodules of legumes such as clover. Many soils have significant reserves of phosphorus that is not readily available. Liquid seaweed can assist in unlocking these reserves by stimulating the bacteria in the rhizosphere (the space close to the roots).

Soil tests for fertiliser requirements when correctly used, are extremely valuable, provided any fertiliser recommendations are generic.

Benefits observed from use of Liquid Seaweed on pasture

- ✓ Increase in “greenness” of pasture particular under drought stress due to better nutrient uptake and increased chlorophyll content
- ✓ Increase in root development
- ✓ Increase in clover growth
- ✓ Increase in sugar level as determined by Brix number
- ✓ Increase in animal health

Application

Apply Liquid Seaweed early spring, late spring and/or late autumn.

Apply 5-7L per hectare (two applications of 5-7L/ha separated by 6 weeks if possible or 3 applications of 5-7L/ha).

Additional sources of nitrogen

The nitrogen requirement of pasture is highest in early spring and pasture often benefits from an application of Natatrosol Plus a nitrogenous fertilizer to cover this period. Because applied nitrogen gives rise to a visual effect, there is a tendency to apply excessive amounts. Chemical nitrogenous fertilizers used in excess significantly reduce soil microbes and organisms leading to a short-term benefit but longer-term problems. Secondly, lush growth caused by excess nitrogen is detrimental to the quality of pasture and can lead to health problems in cattle in particular. Natural nitrogenous fertilizers, such as Natrasol fish blended with seaweed and fulvic acid is a good source of carbon and amino acids for the nutrition for beneficial soil fungi, bacteria and microbes.

NATRASOL SEA PRODUCTS

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