



GENERAL INFORMATION:

Seaweed Treat Extract Flake is a natural environmentally friendly fast-dissolving flaked Seaweed

Harvested from the cold Northern Hemisphere waters *Ascophyllum nodosum* is considered to be the Rolls Royce of seaweeds.

The cold composting process retains all of the natural attributes of the kelp including 70 minerals, 17 amino acids, 4 natural growth promoters, chelating agents and complex sugars.

For centuries Seaweed has been used for its nutritional and health benefits for both humans and animals.

BENEFITS:

There are many documented problems caused by dietary deficiencies in stock. The trace minerals and amino acids in Seaweed Treat covers most of these deficiencies. Trace minerals and amino acids are associated with providing benefits in the following areas.

- Antioxidant/Anti Cancer
 - Copper
 - Selenium
 - manganese)
- Improved regularity of heat cycles and fertility
 - Zinc
 - Manganese
 - Amino acids
- Improved haemoglobin production
 - Iron
 - Copper
 - Amino acids
- Immune system
 - Amino Acids

- Mastitis
 - Selenium
 - Vitamin E
- Healthy Gut
 - Molybdenum
 - Amino acids
- Coat Condition
 - Zinc
 - Copper
 - Sulphur
 - Amino Acids

See the Table later in the document.

HOW TO PLACE AN ORDER:

- Call Rainbow & Brown on free call 0508 299 299 or order from our website www.RainbowBrown.co.nz.

PRODUCT COMPOSITION:

Substance: Ascophyllum nodosum Seaweed

TYPICAL ANALYSIS			
Nitrogen	0.5 to 3% (5,000-30,000ppm)	Zinc	Max. 400ppm
Phosphorus	1.0 to 5% (10,000-50,000ppm)	Boron	Max. 5000ppm
Potassium	Min. 18% (Min. 180,000ppm)	Lead	Max. 30ppm
Calcium	0.2% (2,000ppm)	Arsenic	Max. 10ppm
Magnesium	0.1% (1,000ppm)	Sodium	Max. 6.00% (Max. 60,000ppm)
Sulphur	Max. 4.0% (40,000ppm)	Chromium	Max. 50ppm
Mercury	Max. 2ppm	Nickel	Max. 40ppm
Copper	Max. 150ppm	Cytokins	100ppm
Alginates	Min. 16% (Min. 160,000ppm)	Organic Matter	45-55% (450,000-550,000ppm)
Betaine	100ppm	Auxins	100ppm
Cadmium	Max. 1ppm		

	Phosphorus	Potassium	Calcium	Magnesium	Sulphur	Manganese	Selenium	Iron	Copper	Zinc	Boron	Iodine	Molybdenum	Cobalt	Sodium	Chloride	Cytokines
Anaemia							✓	✓	✓					✓			
Anorexia				✓										✓			
Cellular function					✓	□											✓
Convulsions		✓															
Detoxification					✓	□											✓
Energy Metabolism														✓			
Energy use and transfer	✓																
Enzyme activation				✓													
Facial Eczema										✓							
Fertility and Reproduction							✓			✓		✓					
Glucose carrying & breakdown				✓											✓	✓	
Grass staggers		□		✓													
Growth and Development		✓	✓		✓	□			✓	✓					✓		
Heart attack (falling disease)									✓								✓
Heat detection												✓					
Hoof condition										✓							
Immune function							✓			✓							✓
Immuno suppression									✓								✓
Infertility														✓			
Listlessness / Lethargy								✓				✓		✓			
Low Milk production														✓			
Male infertility										✓							
Mastitis and sub-clinical mastitis							✓			✓							
Milk fever			✓														
Milk production							✓								✓		
Muscle tissue building	✓	✓															
Osmotic pressure regulation				✓											✓	✓	
Perinatal mortality							✓										
Placental shedding						✓	✓										
Protein synthesis												✓					
Reproductive performance						✓						✓					
RFM (retained foetal membrane)							✓										
Rough coat / skin														✓			
Rumen Biology support					✓								✓				
Self-abortion						✓						✓					
Skeletal development	✓		✓	✓		✓											
Vitamin B12 synthesis					✓	□								✓			
Water balance															✓	✓	
White muscle disease							✓										

GENERAL DIRECTIONS:

Seaweed Treat Extract powder is extremely soluble and easy to dissolve. It can be dissolved in milk

Stock	Purpose	Dosage Rate	Method
Dairy Cows or Cattle	General health maintenance	5-8g / day / cow	In the water troughs or dissolved and sprayed on silage
Dairy Cows or Cattle	High somatic cell counts or stock that is unwell	20g / day / cow	In the water troughs
Calves	General health maintenance	2-5g / calf / day	In the water troughs or milk
Calves	Unwell or ailing	20g / calf / day	In the water troughs or milk
Sheep	General health and nutritional boost	10g / sheep - when in the yards	Through the water supply
Lambs	General health and nutritional boost	5g / lamb when in the yards	Through the water supply
Horses	General health and nutritional boost	5-10g / day	Through the water supply
Pigs	General health and nutritional boost	5-10g / day	Through the water supply

BIOGRO APPROVED:

Seaweed Treat Extract powder is BioGro approved and ideal for organic farming.