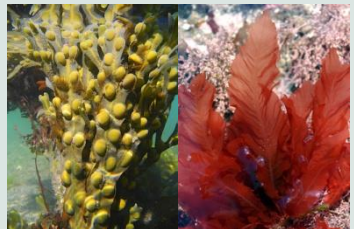




The Product:



Marine Calcium Soil Conditioner
25.7% Ca – 1.5% Mg
Higher solubility, porosity and reactivity than conventional lime

Root Stimulant
Seaweed Extracts
Plant hormone stimulation for root and plant growth and health

Benefits:

1 Soil Surface pH

- ★ Liming agent to maintain soil pH
- ★ Higher solubility and reactivity than standard (carbonate) lime

Days	CALCIMER	Carbonate
0	0.00	0.00
10	0.32	0.25
30	0.20	0.18
50	0.22	0.15
70	0.28	0.14
90	0.32	0.14

Number of days at constant 20°C (90d = 1 year in the open field)

2 Soil Health

- ★ Optimised soil pH for soil biology and earthworms
- ★ Porous nature of Calcimer® provides habitat for essential soil bacteria and fungi to flourish

3 Source of Calcium

- ★ Essential plant nutrient
- ★ Soil structural benefits
- ★ Balancer for high soil magnesium to loosen soil structure

4 Nutrient Uptake

- ★ Soil pH optimises nutrient availability in the soil and efficiency of fertilisers
- ★ Root stimulant allows better nutrient uptake by the plant roots
- ★ Natural source of trace elements
- ★ Breakdown of organic matter and slurry to release nutrients

5 Grow & Use more Grass

- ★ Higher grass yield
- ★ Healthier swards and faster recovery after grazing
- ★ **1.6 t/ha of additional DM** measured in on-farm trials in 2015

Treatment	Yield (tons/ha)
Control	10.1
Physiolith	11.7

+1.6 tons DM/ha



6 Grass Quality

- ★ Nutritionally superior grass with higher Calcium and Phosphorus contents
- ★ **13-18 % increase in P content**
- ★ **8-17 % increase in Ca content**
(On-farm grazing trials in 2015 comparing mineral contents in grazed grass with or without physiolith application)