

# YLAD Living Soils *Putting life back into the land*

## Y Lick

Soil Balancing

Cropping

Pasture &amp; Animal

Foliar &amp; Fertigation

Because you **care** for your animals  
 You care about their **health** and **well-being**  
 You care about livestock **profitability results**

### Benefits

At times animals need supplementation as a result of a range of factors relating to, for example extra stresses brought on by seasonal or breeding demands and the nurturing of their progeny. Very often the pastures available are deficient in the trace elements and sometimes even the major elements as well. Slower growth means a higher maintenance component in the total feed cost of growing stock as well as a poorer feed conversion ratio [FCR]. In breeding stock the FCR adds to the cost of production, limits stocking capacity and renders the farm more vulnerable to feed shortages.

Farmers and graziers are finding that the use of the **Y-Lick** balanced supplement can off-set the lack of nutrients in available fodder allowing their animals better health and

resilience, better conception and reproduction rates and yet over-all, livestock eat less for a given result. This is due to the "law of the limiter" where animals must eat more of a feedstuff to gain enough of a deficient nutrient causing obvious inefficiencies and sometimes digestive disorders. Where consumption cannot be increased to off-set this deficient nutrient the animal suffers against many performance parameters and the veterinary cost begin to climb.

**Y-Lick** helps provide health security your livestock and improves the profitability of your valuable livestock by providing the following nutrients and trace elements in a loose powder form for free-choice feeding.

**Y-Lick** is for use as a feed supplement to increase mineral levels where levels may be inadequate and to support the general health, vitality and digestion in animals.



## Nutrients

Y-Lick contains the following nutrients:

- Calcium
- Copper
- Cobalt
- Iron
- Magnesium
- Manganese
- Nitrogen
- Phosphorus
- Potassium
- Selenium
- Silicon
- Sodium
- Sulphur
- Zinc

**For further information or to discuss your stock health problems please call us today**

## The Role of the Minerals in Stock Health

Mineral	Function
Calcium (Ca)	Necessary for bone and teeth formation, regularity of heart beat, brain, nerve and muscle function.
Phosphorus (P)	Essential to all chemical reactions, bone and tooth structure, and brain function.
Magnesium (Mg)	Metabolism of calcium, sodium and potassium Grass tetany becomes a problem due to lack of magnesium
Potassium (K)	Regulates water content, nerve and muscle function.
Chloride (Cl)	Works with sodium and potassium, regulates body acidity.
Sulphur (S)	Protein synthesis and metabolism, fat and carbohydrate metabolism, blood clotting
Copper (Cu)	Blood formation and iron absorption
Iron (Fe + +)	Blood formation, body defenses, skin
Manganese (Mn)	Antioxidant, free radical scavenger, bone and cartilage formation, neurotransmitter synthesis
Zinc (Zn)	Essential to most body functions, enzyme system, protein synthesis, and carbohydrate metabolism
Selenium	Detox – Involved in thyroid, hormone conversion – 1 – 3 ppm in the soil
Cobalt (Co)	A critical component of the B group vitamin, cyanocobalamin, or Vitamin B12. Without this vitamin blood haemoglobin cannot be formed, and oxygen transport around the body would reduce seriously
Iodine (I)	Helps prevent Goitres. Lambs may be stillborn or weak at birth because of iodine deficiency yet show no visible enlargement of their thyroid gland