

# Flowfeed

TOTALLY SOLUBLE NUTRIENT  
FOR CATTLE

## FLOWFEED FOR CATTLE FORMULA I + TE

For use as an additive to livestock drinking water

### A water medication treatment for ruminants to supply non-protein nitrogen

**Formula I +TE** supplies a balance of non-protein nitrogen, sulphur and trace elements. It is easy to dissolve and administer into the drinking troughs via an injection system, when pasture protein begins to decline with dry weather or first frosts. When non-protein nitrogen is being fed to cattle, sulphur is also required to achieve the best performance.

**Formula I +TE** provides sulphur and nitrogen to optimise rumen bacteria fixation. Sulphur is absolutely necessary for the rumen bacteria to fix nitrogen and form protein. These bacteria are then themselves digested by the animal and form a source of protein for growth and maintenance. Small amounts of non-protein nitrogen and sulphur will allow improved utilisation of dry pasture, thus maintaining the body weight of the cattle, so long as the energy in the pasture holds.

A general rate of **Formula I +TE** is 50g per head per day for adult cattle (equivalent to 47g of urea/head/day).

For example, if the daily intake is 30 litres of water per head per day, the dilution rate for **Formula I +TE** would be 1kg to 600 litres of water. **Formula I +TE** should be fed at the onset of cooler weather or during any dry spell. At this rate dung pats should flatten out indicating that the level is sufficient for the present pasture protein quality. Continue feeding **Formula I +TE** until the next flush of green pasture. The ease of applying **Formula I +TE** early ensures greater productivity by preventing weight loss at less material and labour cost as compared with most other methods.

Cattle must be introduced to **Formula I +TE** slowly, feeding 10-15g per head per day initially, and then increasing by this amount weekly until the desired rate is reached. If a break occurs in the feeding program, then re-introduce slowly again.

#### OTHER SPECIFICATIONS:

**Solubility:** 250 g/L (water temperature 20°C)  
**Physical Appearance:** Crystalline Powder  
**Packaging:** 25 kg (net) lined woven polypropylene bag  
**Storage:** Store in a sealed container in a cool, dry place

### ANALYSIS

				w/w	
				Minimum Equivalent Crude Protein	270.0%
				<b>Urea</b> Equivalent	93.9%
				<b>Nitrogen</b> (N) Total	43.2%
				<b>Sulphur</b> (S) as sulphate	2.4%
				<b>Manganese</b> (Mn) as EDTA chelate	160mg/kg
				<b>Magnesium</b> (Mg) as EDTA Chelate	150mg/kg
				<b>Iron</b> (Fe) as EDTA chelate	150mg/kg
				<b>Copper</b> (Cu) as EDTA chelate	80mg/kg
				<b>Zinc</b> (Zn) as EDTA chelate	80mg/kg
				<b>Cobolt</b> (Co) as EDTA chelate	1.7mg/kg

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