

Flowfeed

TOTALLY SOLUBLE NUTRIENT
FOR CATTLE

FLOWFEED FOR CATTLE FORMULA III

For use as an additive to livestock drinking water

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

Acidic Formula - to help prevent ammonia release from treated water

Formula III is an "all year" water medication for ruminants, to supply non-protein nitrogen, sulphur and phosphorus. 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.

The acidic nature of *Formula III* makes it ideal for use in alkaline bore water. This acidity will help prevent nitrogen losses, which can cause a strong ammonia smell in troughs, reducing water intake of stock, and so reducing animal growth rates. Additionally, natural occurring levels of calcium and magnesium in the water will be kept in solution by the acidity, minimising scale build up in lines, and also providing a level of animal nutrition.

In typical hard water of Northern Territory and Queensland bores with 200 mg HCO₃ / litre, *Formula III* at 50g/head/day in 30 litres of water will leave 50 - 60 mg HCO₃ / litre to buffer the water to pH 6 and stop it becoming too acidic.

Formula III at 50g/head/day provides:

Nitrogen 18.6g (equivalent to 40g of urea)
Phosphorus 2g
Sulphur 1.4 g

Eg. If daily intake of water is 30 litres per head per day, the dilution rate for *Formula III* would be 1kg to 600 litres of water.

Cattle must be introduced to *Formula III* 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.

Note that, according to the Australian Dangerous Goods Code, *Formula III* is classified as a Dangerous Good (Class 8 - Corrosive) for road and rail transport.

WARNING: All bore waters must be tested to determine suitability and rate of *Formula III* to be used. In most cases its use in bore water will prevent the build up of scale in pipes and troughs. However, this product may not be suitable for use through water lines that already contain scale build-up. Acidifying effect may be reduced and scale may break away from pipes.

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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	232.5%
Urea Equivalent <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	80.8%
Nitrogen <input type="checkbox"/>	(N) Total <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	37.2%
Phosphorus <input type="checkbox"/>	(P) as water soluble	<input type="checkbox"/>	<input type="checkbox"/>	4.0%
Sulphur <input type="checkbox"/>	(S) as sulphate <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.8%

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