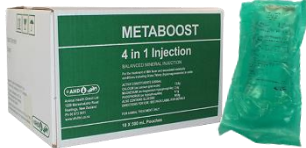




Product Information

METABOOST 4 in 1 Injection

Name:	Metaboost 4 in 1 Injection	
Pack Size/s	500ml	
AHD Product Code:	MB4in1500	
Main Points:	<p>Use when the lack of calcium in the blood stream is complicated by a lack of magnesium and phosphorus, hence the need for additional actives.</p> <p>For 24 hours protection use "CalciBlue". Administer 750ml CalciBlue to extend calcium availability by 24 hours.</p> <p>Often an animal will be found flat, down and blown up first thing in the morning after enduring a cold night. In this case prop her up and seek Veterinary advice immediately.</p> <p>Large volumes should be administered over multiple injection sites; this will help avoid site reactions.</p> <p>Magnesium slows the heart rate and Calcium increases the heart rate. We have to be careful how much we administer as we don't want to interfere too much with this heart rate as this can be fatal.</p>	
Status:	VET	
Ingredients:	<ul style="list-style-type: none"> • 330g/L Calcium Borogluconate • 51g/L Magnesium Hypophosphite • 182g/L Glucose • 12.2g/L Phosphorus 	
Indications:	<p>The dose rate of 500ml is quoted as a guide to preventing the condition or treating a mild case. Higher dose rates will be required to treat 'downer cows' or cows with more severe symptoms. The size of the cow and breed will also impact on the dose rate required.</p> <p>If the animal is down then a vet should inject the product intravenously until the animal is back on its feet. Then the animal should be treated subcutaneously for slower release of the actives over the next 6 hours. After 6 hours the animal should be given a dose of CalciBlue, which will provide 24 hours of protection against a relapse.</p>	
Action:	<p>Milk Fever and Associated Metabolic Diseases:</p> <p>Milk Fever (hypocalcaemia deficiency of calcium in the bloodstream) in sheep and cattle is a metabolic disease, which occurs when calcium levels are depleted in the animal. We mainly see it in high producing dairy cows. It is often complicated by concurrent phosphatemia and hypomagnesaemia (low blood levels of phosphorus and magnesium). The disease may be mild, moderate or severe and most commonly occurs within 48 hours before or after calving.</p> <p>Milk fever is more common in older or overweight cows as their ability to mobilise calcium is reduced</p> <p>Symptoms:</p> <ul style="list-style-type: none"> • Loss of appetite • Constipation 	

Animal Health Direct Limited



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	<ul style="list-style-type: none">• Muscle weakness which may cause the cow to stagger and/or go down
Administration:	Warm the solution to body temperature by placing under your arm. Snap off the tip and ensure the needle and administer under the skin of the neck or over the ribcage. Gently squeeze the bag to inject the solution. The area may be massaged following the injection to allow for quicker absorption of the solution and reduce the risk of tissue reaction (site reaction). Repeat in 6 hours if complete recovery does not occur and seek veterinary advice.
Dosage Subcutaneous:	<ul style="list-style-type: none">• Cattle 500ml• Sheep 70ml <p>Note: Intravenous injection dosage will vary on the severity of the case and should only be performed by Vets as incorrect administration can lead to heart attacks and death.</p>
Storage:	Store in a cool place below 30°C. Store locked up. KEEP OUT OF REACH OF CHILDREN.
Registration:	Registered pursuant to the ACVM Act 1997 No A11057. See www.foodsafety.govt.nz for registration conditions
Category:	Metabolic activator

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