



ANIMAL HEALTH

**The natural way to keep your
animals at optimum health**



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Stock^{hu}Mate

Introducing StockMate

Southern Humates have long held a passion for healthy farms. After developing its natural humate for soil health, Southern Humates turned to the next phase of farm health: the animals. This new product, StockMate, is the answer to consistent and natural stock health.

StockMate is certified for organic input. Being high in carbon, it works in keeping the animal healthy and happy. StockMate can be used on calves, cows, lambs and horses to promote good gut health, strength and condition. Use on calves, goats, sheep and horses.

What are humates?

Humate is an accumulation of partly decayed forest and other carbon-rich plant residues that have been compressed and preserved over the ages.

These humate deposits are high in carbon, natural minerals and trace elements, and are referred to as humic substances. They also contain two very powerful bioactive substances, humic acid and fulvic acid.

Southern Humates are particularly high in humic acid.

Humates and humic acid in animals

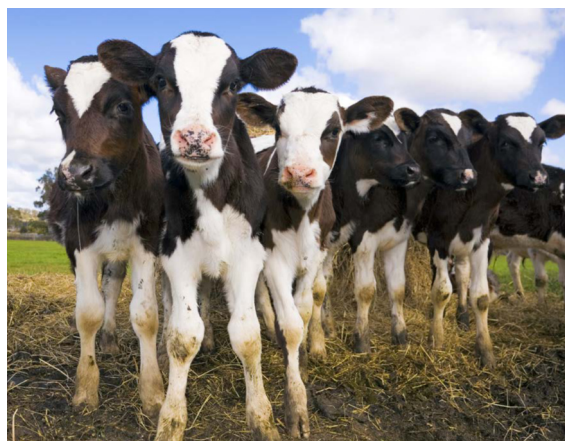
Humates are part of a group of humic substances that make up the soil humus. This soil humus plays an important role in not only the soil organisms living below the soil, but also to those animals living above.

Unfortunately, due to a lack of understanding and appreciation for these humic substances, modern farming practices have stripped large quantities of humus from the soil. The end result is that animals are not receiving enough of these valuable humic substances in their diet.

Adding humates to farming practices is one of the reasons why farmers who feed humates to their stock are seeing such great benefits in animal health.

Southern Humates Improve Nutrition

Humic and fulvic are the most powerful of natural chelating agents. The trace minerals found in Southern Humates are all naturally chelated, but this capacity also extends to other supplemented minerals. The nutrition from everything that enters your animals mouth is maximised in the presence of humates. This includes supplements, mineral licks, dry feed and pasture.



Southern Humates as Prebiotics

Prebiotics are substances that feed and support the billions of beneficial organisms residing in the intestinal tract. Most people are now familiar with the concept of probiotics, where an inoculum boosts the existing gut biology. Prebiotics, however, focus upon boosting existing biology and there are many that argue that this is a more productive approach. Humates are impressive bio-stimulants in the soil and it appears that they serve a similar purpose in the gut. Healthy gut flora is of immense importance to overall wellness because these creatures support immunity, improve digestion and produce a range of substances to nurture their host.

Average mineral composition of StockMate



ELEMENT	AMOUNT	ELEMENT	AMOUNT
Aluminium	0.15 %	Nickel	2.30ppm
Antimony	1.00ppm	Nitrogen	1.17%
Arsenic	2.33ppm	Phosphorus	<0.01%
Barium	23.33ppm	Potassium	0.01%
Bismuth	3.33ppm	Selenium	0.63ppm
Boron	96.67ppm	Silicone	0.35%
Cadmium	<1ppm	Silver	<1ppm
Calcium	0.82%	Sodium	0.06%
Chlorine	0.05%	Strontium	113.67ppm
Chromium	0.67ppm	Sulfur	<0.5%
Cobalt	1.67ppm	Thorium	7.67ppm
Copper	1.67ppm	Titanium	0.01%
Iron	0.91%	Tungsten	<1ppm
Lanthanum	1.17ppm	Uranium	<1ppm
Lead	1.33ppm	Vanadium	2.33ppm
Magnesium	0.33%	Zinc	6.00ppm
Manganese	206.67ppm		
Mercury	26.67ppb		
Molybdenum	<1ppm	*as tested by Canadian Humalite	

StockMate Benefits:

Humates and humic acid have been found to aid the recovery of sick animals and prevent disease, as well as increasing animal production.

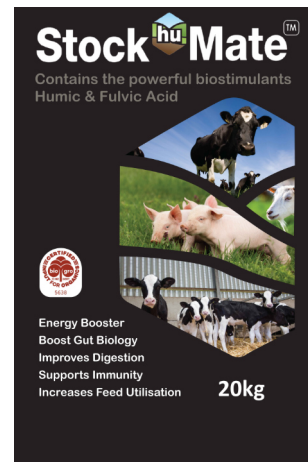
- Forms a protective film on the mucous lining of the gastro-intestinal tract. This helps to prevent excessive losses of water via the intestine and aids in prevention of young animals becoming dehydrated
- The physical manifestation of disease is often a negative response to infectious microbes.
- Supports immune system receptors in the gut lining, shown through increased white blood cell activity
- Important factor for colostrum quality when fed to dry cows
- Supplies building blocks for a calf's immune system
- Humates added to feed rations can help to stabilise an animal's intestinal flora and increase gut microbial growth. The humates stimulate the good microbes while suppressing the bad microbes



Other Benefits:

- Boosts gut biology
- Helps to increase nutrient uptake
- Maintains optimum digestive health
- Calming impact upon horses
- Can be fed with other feeds and supplements

Available in:



20kg Bag

500kg Bulk Bag

1000Kg Bulk Bag

Suitable for: calves, goats, pigs, cows, lambs

Humic Acid: 46%

Fulvic Acid: 2–3 %





"I would just like to say how great I have found StockMate. I started using it about two months ago now and have found it has not only produced a beautiful dappled shinny coat on all my horses. it has cleared up all the mud like rash that a couple of them get from the sun on their noses and white socks. I no longer need to use sunblock products as StockMate has cleared all this up. I have also found my highly spirited horse to be calmer which always makes life with him so much better. Thank you StockMate your product is fantastic!"

Jo Lee

We had been treating a 2-month old calf with severe diarrhoea with antibiotics and electrolytes for three days, but its health was deteriorating rapidly and we didn't expect it to see the next sunrise. We turned to StockMate as our last resort and the following morning there was a remarkable improvement. The calf was standing and had an appetite. We continued with StockMate and three days later it was strong enough to join the other calves at the milk bar. After this experience we provided humates to all our calves and found we had to replenish them every morning. Our experience is that StockMate reduces diarrhoea, supports health and weight gain. We will definitely be feeding our calves StockMate again next calving season."

Chris and Vinkie Botha

"This year we used StockMate for the first time after having it recommended to us by a dairy farmer, and had good results. My husband and I farm in Mid Canterbury where we rear 800 calves annually. Normally when transitioning calves from whole milk to milk powder, we experience a bit of a check in their growth rate, as well as some scours. In the pens where we fed StockMate on an adlib basis, the calves transitioned better onto milk powder and they looked healthier. We will be using StockMate again next year"

R Fitzgerald

"In April Matt bought 750 small lambs from Awatere Valley in Marlborough.

These lambs weight on average 28 kg. They are from properties with very good wool genetics.

The reason why Matt fed Stockmates was to increase the feed efficiency and reduce deaths after the lambs arrived on the property due to stress from travelling for 6 hours. Matt cut a couple of 200 Litres in halve length ways and bolted 2 x 4 on the bottom of them again length ways.

This stops them rolling around.

Matt mixes Ag salt to the Humates 1:1 as before he was feeding salt in these containers.

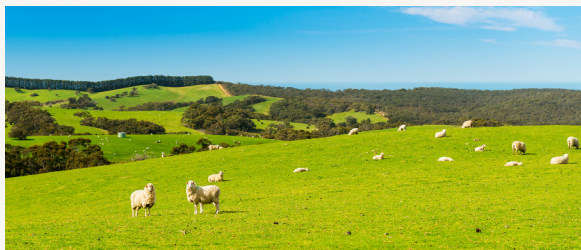
Just last week, Matt shored the lambs and the wool classer commented how vibrant the wool was and it was the best she had seen this season.

The lambs will continue to be fed Stockmate while they are on Lucrene to increase the feed efficiency.

Matt Ford - feeding Merinos with Stockmate

"I have been using StockMate for the past 12 months and have noticed it to be very effective in calming the temperament of horses that are affected by grazing on a straight grass diet. I have also found it to be been responsible for the dramatic healing of a horse with a case of mud fever."

Nigel McCoard



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DISCLAIMER: This brochure presents a collection of statements about the benefits of humates. This information is provided for informational purposes only. There are many sources of humates around the globe, and they differ significantly in their physical and chemical properties. This brochure does not intend to give veterinary advice, nor does it intend to suggest that all forms of humates or humic acid preparations will be of equal benefit.