



Stock^{hu}Mate

The best way to keep your animals at optimum health

A new product from Southern Humates, StockMate is a supplement for animals to keep your stock in good health, aid in the prevention of disease and treat sick animals.

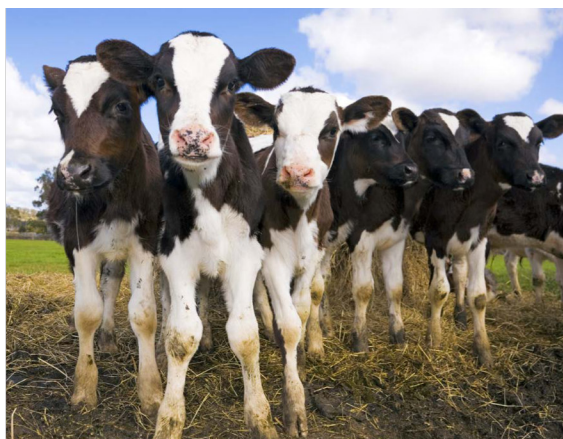
StockMate is the natural way to look after the health of your stock.



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 and is one of the most natural ways to combat diarrhoea in calves. Being high in carbon, it works as a detox within the gut, keeping the animal healthy and happy. StockMate can be used on calves, cows and horses to promote good gut health, strength and condition.



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.



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 intestine¹ and aids in prevention of young animals becoming dehydrated
- Powerful detoxifying agent available for sick animals¹. The physical manifestation of disease is often a negative response to the toxins released by infectious microbes. Humates binds these toxins which results in a dramatic reduction in toxicity
- Supports immune system receptors in the gut lining, shown through increased white blood cell activity¹
- Reduction in somatic cell counts in dairy herds when fed as a 50:50 lick with salt
- Important factor for colostrum quality when fed to dry cows²
- Supplies building blocks for a calf's immune system²
- 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^{3,1}

Proven results with humates

During a trial of humates on dairy cattle, those being feed humates showed improved feed efficiencies through a drop in daily food consumption and an increase in daily milk production. Lactation decline curves also flattened significantly during the testing period.³

Beef cattle fed humates were recorded to have a 12% increase in feed efficiency.³

1 Humates for Animal Health – Graeme Sate

2 Natural Calf Care – Dr Paul Dettloff

3 Effect of Humic Acid on Animals and Humans - www.vetservis.sk

The Southern Humates difference



Our product is supplied from a privately owned humate seam in Waituna, Southland, which has been found to produce a consistently superior humate product.

Our humates have:

- High levels of humic acid
- No chemicals added during extraction
- BioGro organic certification (BioGro number 5638)

Independent laboratory testing of Southern Humates has confirmed that humic acid levels in our product are consistently higher than other suppliers.



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 | |

What our customers are saying

“We have used StockMate for the past two calving seasons and found it to be an important part of our calf rearing system, particularly in the first weeks of the calf’s life. We make sure there is a trough of StockMate in each pen so it is available to the caves 24/7. The calves love it and do well on it – we have hardly any problems with scours. We will definitely be using it again next season.”

Anita Keoghan

“We began using StockMate after calves we had purchased became very sick and we had to get them to 100kg within a certain time limit. Within a few weeks of adding StockMate to the calf meal, we noticed a difference in the health of the calves and today you would never know they had experienced such a setback. I have already put an order in for a half ton bag for next spring.”

Judith McMullan



- “I have been training and racing horses for 50 years and often struggled to find a suitable product to heal mud rash. I had a mare fall sick with mud rash and we gave it StockMate. Within 10 to 14 days, the mare was totally healed up. My son grazes horses on a property where the animals would contract mud rash from time to time and since he has been feeding StockMate, he hasn’t had a case of it. It really works.”

Lester Morris



□ "I use StockMate during spring calving when somatic cell count is high. I top the palm kernel trailer with a bag every day for about three weeks. The StockMate brings the cell count right down and keeps it right down every time. I have no troubles getting the cows to eat it"

Johan Roos

"I have been rearing calves since 2008 and have been searching for ways to simplify my methods to save time and increase the general health and development of my heifers with a more natural approach. After searching the web for international remedies and alternative medicines for calf illnesses, like rotavirus and crypto, the word "humates" kept appearing in studies and advice as a natural and organic solution. I found StockMate, produced by Southern Humates, much to my surprise, near our farm in Wyndham. I have used it ever since and cannot see myself rearing calves without it. I make sure every new born calf gets a mouthful as soon as possible after its arrival to the pens. This perks them up and activates their appetites, which saves me time due to their eager feeding. I do the same for my bobbies. I leave StockMate in each pen to enable adlib feeding, which they do happily. I add it on top of their water supply and they get into drinking water the same day. I haven't bought electrolytes or Scourban for three seasons now and I do not use antibiotics either. I am a solo calf rearer of two farms heifers (350-400) and no trouble with rotavirus or any other gut related diseases on a property with a history of seasonal outbreaks. I have seen StockMate detox, hydrate, break fever, perk up, encourage water intake and keep the tummies firm. I strongly suspect it helps with their rumen development as well due to my heifers increasingly reaching earlier weaning weights."

Michelle Roos

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."

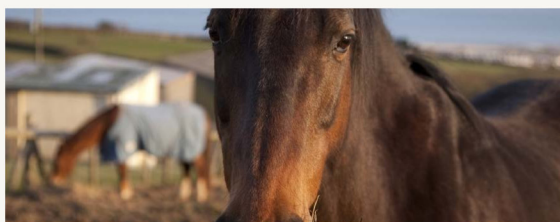
Chris and Vinkie Botha

"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

□ "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 responsible for the dramatic healing of a horse with a case of mud fever."

Nigel McCoard



"After rearing our 650 calves using StockMate, they look much better compared to other years with bright eyes and shiny coats. They didn't scour the same and just looked healthy. StockMate was left for them at the end of their meal feeder so they could eat as often as they wanted. The calves had no problem finding it and liked eating it."

Andrew Mitchell

Order now - Available nationwide

South Island - Andrew Roy: 021 154 4988

North Island - Steve Brooker: 021 150 6050

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.