

IMMU ACTION™



Immune & Respiratory Strength



With more than two years of field-testing, Vapco is proud to introduce one of its newest products, ImmuAction.

ImmuAction is a comprehensive daily formulation of immune proteins, antioxidants, naturally preserved beta-carotene, prebiotics, and Vapco MSM. The health of your horse's respiratory and immune systems are imperative to maintain its performance and well-being. ImmuAction is designed to offer the resources required to optimize the strength of these vital systems and keep them working hard for your horse.

Continued on back

Vitamin C
Beta-Carotene
Vitamin E • MSM
Lactoferrin



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Epithelial Cells:

Epithelial cells are often considered as the fueling factories for of the immune system. An extremely high concentration of epithelial cells are located in the lining of both the lungs and the digestive system. They are a first line of defense between the essential tissues and organs they protect, and the damaging effects of oxidation, dust, pollen, viruses, bacteria, or any other pathogens. While waging battle against these constant attacks from the outside environment, the epithelial cells use up their vital resources of immune modulating proteins and amino acids. These resources need to be replenished if the epithelial cells are to continue functioning to protect the inner body.

Strengthening the defense:

Everyone knows that the immune system protects the body from viruses, diseases and infections. When thinking of the immune system, you might visualize a patrol of "Combat Cells" floating through the bloodstream, hunting down and destroying any pathogens they come across. However, the immune system has another job, and this job is to protect the body from the outside world. The lungs and digestive system can be considered to be a part of the immune system. As previously discussed, the epithelial cells make up the protective lining of both the lungs and the digestive tract, battling to keep infection at bay. In this battle, the same raw materials are needed to maintain the defenses of the lungs and intestines as are needed to keep the "Combat Cells" strong and on patrol. Since these two lines of defense are so closely connected, when one component weakens and uses up the much needed immune proteins and antioxidants, the other becomes vulnerable as well, sometimes causing a cascade of health complications.

What makes ImmuAction a better product? *It's the balance of effective nutrients.*

* Vitamin E and Vitamin C are long established and essential antioxidants. In times of immune and respiratory stress the need for vitamin E and vitamin C becomes critical for a timely recovery.

* Beta-carotene is found in fresh vegetation and is converted by a horse's body into vitamin A. Since horses only make vitamin A as needed, it is a safe and

effective way to increase vitamin A levels while avoiding the risk of toxicity, even when extra feedings are needed. ImmuAction uses a naturally preserved beta-carotene to maintain the product's stability and effectiveness.

* Prebiotics should not be confused with probiotics. The prebiotic fructooligosaccharides (FOS) is a non-digestible food ingredient that beneficially effects the horse by selectively stimulating the growth and activity of a limited number of bacteria in the colon to improve the horse's health.

* Vapco MSM is known for its high quality. As a bioavailable source of sulfur, Vapco MSM makes a synergistic ingredient in the ImmuAction product.

* Immune proteins, such as lactoferrin and lactalbumin, work by generating a type of "Immune Fuel" for the epithelial cells and tissue. ImmuAction provides these proteins as well as a complex of naturally produced proteins know for their immune support.

The balance of quality ingredients and cutting edge technology is what sets the ImmuAction product apart from other products. ImmuAction is made for horse owners that want the best for their horses.



GUARANTEED ANALYSIS, Per Serving, 17.5 grams (1 scoop)

Crude Protein, min.	12.0%	MSM	5,000mg
Crude Fat, min.	0.1%	Vitamin C	500mg
Crude Fiber, max.	0.1%	Vitamin E	750IU
Crude Ash, max.	0.1%	Beta-carotene	1,000mg
		Fructooligosaccharides ..	2,500mg

The Symbol



of Product Quality

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