



ELDER'S EQUINE IS A PROUD SUPPLIER

MB MAD BARN™ SPIRULINA

Mad Barn's bulk Spirulina powder provides a concentrated form of blue-green algae to support your horse's immune function and nutritional needs.

Spirulina is commonly referred to as an algae, but it is actually a naturally occurring bacteria that grows in saltwater and freshwater worldwide. Spirulina powder consists of two cyanobacterial species named *Arthrospira platensis* and *Arthrospira maxima*.

Spirulina is a nutritionally dense supplement that is easily digested. It is an excellent source of vitamins and minerals to support overall health and well-being of horses.

It is especially high in vitamin A and vitamin E which are important anti-oxidants that neutralize free radicals in all cells of the body. Horses fed hay-based diets may be deficient in several vitamins and could benefit from the abundant vitamins and minerals found in spirulina.

DIRECTIONS FOR USE

Consult with a nutritionist or veterinarian prior to use.
Top dress once daily on feed or ration.

BODY WEIGHT	SCOOPS	DOSE
<440LBS	1/2 SCOOP	10G
440LBS - 1100LBS	1 SCOOP	20G
>1100LBS	2 SCOOPS	40G

1 scoop = 29.6cc = 20 grams

Ingredients: Spirulina; fine powder.

Recommended Use: Supports skin, metabolic health, lung and immune system function.

Note: The correct dosage of Spirulina depends on the condition of the horse, bodyweight and the reasons for feeding this ingredient. Start with the recommended serving size and increase up to double the amount in times of stress, allergies, and/or exercise.

CAUTION:

A scale should be used with all individual ingredients to ensure accurate dosing. For equine use only.



If you have any questions please reach out to our office @ **1-204-864-2888**. Or you can email at : office@elderequineclinic.com

Register & manufactured by: Mad Barn Inc., Petersburg, ON, Canada.

This supplement is a source of the fatty acid gamma linolenic acid (GLA) . GLA is an anti-inflammatory omega-6 fatty acid. It has been shown to promote support wound healing and tissue repair in humans and exhibits anti-bacterial and anti-viral effects.

Spirulina powder is especially high in protein (up to 70%) and is considered a complete protein. This equine supplement might be beneficial for young animals and heavily exercised horses to support their high protein needs. Although it provides all essential amino acids, it is considered low in lysine and methionine.

All horses may benefit from Spirulina supplementation including horses that are:

- Undergoing stress related to training, transportation and competition
- Slow to recover from exercise
- Experiencing poor metabolic health (easy keepers)

Anecdotal reports suggest spirulina powder can support respiratory function in horses.

Dr. Eleanor Kellon reports on three cases in which a combination of spirulina platensis (20 grams given twice per day) and jiaogulan powder (2 grams given twice per day) improved respiratory function in performance horses with recurrent respiratory issues. Symptoms such as low energy and fatigue, chronic cough, sneezing, head shaking, nasal discharge and respiratory recovery were improved in the three horses studied.

In another case report, three months of spirulina supplementation was shown to support improved metabolic health and weight loss in horses with equine metabolic syndrome.

Horses were fed 500 g per day of a commercial feed containing spirulina platensis. At the end of the three months, horses had diminished cresty neck scores, lower fasting insulin levels and improved glucose tolerance. These benefits were attributed to the anti-inflammatory and anti-oxidant effects of phycocyanin – a selenium-rich protein found in spirulina.

- Supports respiratory & immune health
- Helps maintain healthy skin & coat
- Nutrient - dense source of antioxidants
- Easy to add to any feeding program



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