



Hemp for Horses

Hemp is extremely beneficial for your horse. Dry or dull coat can be brought to life with the use of this cold pressed oil. Using hemp oil on a daily basis helps to reverse or prevent arthritis in your animal. Many ailments can be avoided by supplementing these raw fatty acids in your horse's diet.

Give yourself a competitive edge with hemp seed oil by improving your athlete's joints and mobility. Aging horses or young ones that do not shed out properly can greatly benefit with hemp oil.

Hemp seed is known globally for its use as an excellent skincare ingredient, as well as in human food because it is high in Essential Fatty Acids – the omegas, omega-3, omega-6, omega-9 and GLA, as well as being high in protein that contains all the amino acids. Legislation from country to country varies and you need to check with your countries legislation before following any tips you may hear.

Hemp Seed Cake or Meal (Hemp Pellets)

Hemp seed cake is the byproduct of the production of cold pressed hemp seed oil. It has been grown without the use of agro-chemicals. Hemp Seed Cake is a true cool feed with added benefits. Hemp pellets contain essential omega oils and unique anti-inflammatory properties.

Suitable for all ages and stages, from foals to geriatric horses and pleasure horse to dressage/jumping athlete. Brilliant product for laminitics, arthritics, rescues etc....

Hemp seed cake is fed to in foal mares, racehorses, show horses, dressage horses, laminitics, arthritics, rescue horses, breeding stallions, weanlings, foals, hot horses, newly broken in horses, young stock, and elderly horses.

Different dosages of Hemp seed cake which are given to horses under different conditions:

- 200g a day may be all that is necessary for good conditioned, well horses/ponies who only require a little extra shine, or maintenance levels after results achieved.
- 250g-500g a day may be required for extremely hard worked sore, injured, lighter weight ponies.
- 500g-1kg a day may be required for extremely hard worked sore, injured, lighter weight horses.
- Up to 1.5kg a day may be required for a start with rescued, skeletal, severely injured horses which may need their ailments eased and condition, nutrition restored after neglect or injury. Feed rates can be reduced as results seen, until down to maintenance levels.



Hemp Oil for Horses

Some horses eat it readily, whereas some may take a few days to get used to the taste, in a picky eater situation.

It is recommended to use small amount over their feed and build up to the amount required as they accept it.

Hemp Seed Oil & Horse Performance

Hemp oil is a relative new-comer to the group of oils fed to horses. Hemp seed oil is a unique oil in that contains all the identified essential fatty acids, known as the omegas. Hemp seed oil provides not only Omega 3 and Omega 6, but Omega 9 as well. But what really sets Hemp seed oil apart from the other oils is that it provides GLA: gamma linolenic acid.

GLA is a regulator of the prostaglandins, the hormone-like substances that act as chemical messengers inside the cell. Their physiological effects include regulation of inflammation. There are two predominant prostaglandins: PGE-1 the anti-inflammatory prostaglandin and PGE-2 the pro inflammatory prostaglandin. GLA increases production of PGE-1, thus reducing the levels of PGE-2. Misoprostol, a common medication for horses with hind gut ulcers is a synthetic form of PGE-1.

The prostaglandins are also involved in the

increased secretion of protective mucus in the GI tract, which makes hemp oil's GLA an important ingredient for horses with ulcer issues.

The higher quality of oil, the less you have to feed. Typically coconut oil and hemp seed oil are fed at ½ the amount of corn or soy or canola oils. Hemp oil is typically fed at one ounce twice a day. High Performance horses may require 2-3 ounces twice a day.

Oils are important sources of energy for horses, and for the essential fatty acids. High quality oils like hemp seed oil further provide GLA, antioxidants, and the ability to reduce muscle glycogen fatigue. Because they are not genetically modified, and are cold pressed, they can support superior health in horses.

Benefits compared to Oils commonly used in Horse Diets

Fatty Acid content of Hemp Seed Oil is 76 % PUFAs, 54 % LA and 17 % ALA, with a n-6:n-3 ratio of 3:1, which with the exception of rapeseed, which has a ratio of 2:1, is a substantially better balance of n-6:n-3 FAs compared to all other plant seed oils used in horse diets -particularly corn oil – which as an n-6:n-3 ratio of 56:0.

Rapeseed and Linseed Oil are deficient in SDA



Hemp Oil for Horses

and GLA which are the biologic metabolites of LA and ALA. Therefore, due to the inefficient conversion of LA and ALA to their -6 desaturase products, Hemp Seed Oil is a preferable source of Fatty Acids to Rapeseed and Linseed Oil.

Corn Oil is one of the most commonly utilised vegetable oils in horse diets. However, this unfavourable ratio of n6:n3 may be detrimental to equine health since an overabundance of n-6 is associated with negative cardiovascular, inflammatory and other effects.

With its favourable n6:n3 ratio, and GLA and SDA content, Hemp Seed Oil is a superior source of FAs for horses compared to other plant seed oils used in horse diets.

Benefits of Hemp Oil for Horses

- Energy
- High protein content suitable for horses
- Unique high oil content with excellent fatty acid composition
- A very efficient source of dietary energy with improved power to weight ratio
- Enhances Stamina as a result of muscle glycogen sparing
- Mitigates Acideamia during high intensity exercise
- Decreases Metabolic Heat production
- Low risk source of energy ideal for horses at risk from Gastric Ulcers, Hind-Gut Acidosis, Azoturia, Laminitis and Colic
- Ideal for Pregnant Mares in late gestation with reduced appetite but increased energy requirement
- Promotes less excitable, calmer behaviour in horses, when fed as an alternative supplementary energy source to cereal grains
- Reduces aggressive behaviour
- Reduces stress in foals during weaning
- Enhances Body Condition
- Helps lower heart rate in exercising horses
- Can help reduce inflammation in arthritic horses
- Valuable in the treating respiratory problems caused by recurrent airway obstruction by reducing Pulmonary Inflammation
- Maintains gut health and integrity