

EO•3™

Rich Source of the Omega-3 Fatty Acids DHA and EPA in a Palatable Liquid Form

Because the advantages of feeding fat are accepted almost universally by equine nutritionists, veterinarians, and horsemen, scientists are delving deeper into how certain fats help horses. Researchers have focused much of their attention on omega-3 fatty acids and the relationship between them and omega-6 fatty acids. The two types of fatty acids must be balanced within the body in order for both to be effective. Horses are often fed diets composed entirely of grain mixes and hay. Such diets are rich in omega-6 fatty acids but extremely low in omega-3 fatty acids. If vegetable oil is added to the ration, it further skews the ratio, with omega-6 fatty acids being overrepresented. To help counteract this imbalance, horses should be supplemented with omega-3 fatty acids, the richest sources of which are fish oils.

Kentucky Equine Research developed EO•3™, a potent marine-derived oil that is rich in omega-3 fatty acids. EO•3 is a palatable oil that is top-dressed onto the feed. EO•3 contains the omega-3 fatty acids DHA and EPA.

- ✓ Contains an omega-3 concentration of 35%, more than most common fat supplements
- ✓ Supplies omega-3 fatty acids, compounds with positive effects on reproduction, bone development and numerous inflammatory conditions in horses

Why should I use EO•3 for my horse?

- ✓ Palatable deodorized fish oil with cherry flavor
- ✓ Improves glucose tolerance
- ✓ Strengthens immune function
- ✓ Increases red blood cell flexibility
- ✓ Enhances bone metabolism and development
- ✓ Benefits of DHA- and EPA-mediated inflammatory response include reduction in joint inflammation, allergic reactivity, exercise-induced bronchoconstriction, and exercise-induced pulmonary hemorrhage
- ✓ Reproductive benefits include improved fertility, improved colostrum quality, enhanced passive transfer of antibodies to foals, and increased sperm concentration, motility, and viability
- ✓ Marine-derived long-chain fatty acids DHA and EPA are more efficiently used as precursors of local hormones than plant-based sources of omega-3 fatty acids

Feeding Directions

Add 1 to 2 oz (30 to 60 mL) to the feed of growing horses, broodmares, and performance horses in light to moderate work daily. Horses in heavy work, breeding stallions, and those recovering from an illness or injury may be fed 2 to 4 oz (60 to 120 mL) per day. For best results, introduce EO•3 to the ration gradually over a period of 5 to 10 days.

For more information see ker.com.

