



# SALMATE<sup>®</sup> embracing life



A UNIQUE OMEGA-3 FATTY ACID ENCAPSULATED DRY PRODUCT WITH EPA AND DHA



[www.salmate.com](http://www.salmate.com)

## SALMATE®

SALMATE® is a natural source of polyunsaturated fatty acids (PUFAs) from quality fish oil. The fish oil provides an excellent balance of Eicosapentaenoic acid (EPA) and Docosahexaenoic acid (DHA) in proportions that help provide the best physiological and cost effective results.



## SALMATE® Features

- A concentrated product allowing for a low inclusion rate or dose of administration
- A coating that prevents the oxidation of PUFAs, which are very sensitive to oxygen, minerals and moisture
- A product that contains natural antioxidants
- A starch coating that allows for an easy release of PUFAs in the intestine
- A coating that prevents problems of feed intake often seen with other sources, and prevents handling problems in feed mills and farms (such as odors, liquid products, rancid products and storage)

## SALMATE® EPA and DHA in Reproduction

EPA and DHA have been shown in research to help improve reproductive success in horses, and also to help maintain sperm motility and embryo survival. SALMATE® supplies stable essential omega-3 fatty acids, EPA and DHA.

### In Mares

Testimonial evidence suggests improved regeneration of reproductive organs after birth and improved conception.

### In Stallions

Texas A&M researchers (Brinsko et al., Theriogenology 63 (2005) 1519 - 1527) have demonstrated that increasing the supply of DHA to stallions can enhance fertility by improving the motion characteristics of cool-stored stallion semen. They propose that supplemental DHA may be most beneficial for stallions of marginal fertility, easily identified by those whose sperm does not tolerate the rigors of cooling and storage, but could easily apply to any stallion.

## Recommended Levels and Timing

When considering fertility, mix into feeds for mares at 60g/head/day. To be fed from 7-10 days pre-foaling for 52 days or for the complete period of weaning if desired. As a supplement for performance horses, feed at 30g/head/day as required. Mix into feed for working stallions at 60g/head/day.



## GENERAL BENEFITS

There is evidence that Omega-3, EPA and DHA can provide general antioxidant benefits for equine health. Trials have shown a reduction in blood viscosity (reduce packed cell volume), lower heart rate and improved oxygen flow to muscles thus helping to reduce muscle damage in performance horses.

*Kentucky University (O'Connor et al 2004)*

## OMEGA-3 BENEFITS

- These nutrients are essential additions to their diet
- Maintain equine joint flexibility
- Promotes a healthy, glossy coat
- Omega-3s may help to maintain pain-free, supple and mobile joints in companion animals
- Extremely beneficial in helping maintain a healthy heart and good circulation.

