



Targeted Nutrition

## TECHNICAL REVIEW SHEET

# Synovate HA<sup>®</sup>

Liquid Sodium Hyaluronate

Synovate HA delivers high molecular weight sodium hyaluronate in an easy-to-administer liquid.

Equine athletes are prone to injury. Certain injuries happen quickly but others are a result of cumulative wear and tear. Hyaluronic acid (HA) plays a vital role in maintaining the health of connective tissue and optimizing normal joint function.

Synovate HA may assist with supporting equine athletes through the rigors of training and competition. Owners and trainers of high-performance horses rely on intra-articular, intravenous, or oral HA to help protect their horses' joints.

### Manage Joints Proactively

Synovate HA provides horses with a safe, easily absorbed, and easy-to-use form of sodium hyaluronate. The core ingredient, HA, is a naturally occurring substance found in various connective tissues in the horse's body. HA contributes significantly to maintenance of cartilage health and elasticity, joint fluid viscoelasticity, and lubrication of the entire joint mechanism.

**Research Separates the  
Innovator From the Imitator.**

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**Synovate HA helps manage horse joint health proactively by preventing the loss of hyaluronic acid.**

Developed by:



World Leaders In Equine Nutrition

In addition, HA has anti-inflammatory properties, especially useful for high-motion joints such as those in equine limbs.

The horse maintains considerable reservoirs of HA within its body, yet as horses mature and more athletic demands are placed on them inflammation leads to breakdown of HA in the joint fluid. The loss of HA leads to lower viscoelasticity in the joint fluid and further inflammation, which can damage cartilage and make the joint disease worse. Therefore, it is desirable to manage joint care proactively with Synovate HA.

## Superior Biological Activity

Researchers have identified differences in biological activities for HA of different molecular weights. HA with a high molecular weight (more than 500,000 daltons) has the greatest biological response. Further, high molecular weight HA created from microbial fermentation, such as Synovate HA, has the greatest likelihood for matching the known attributes of native HA found in the horse's body.

Scientists at Kentucky Equine Research counted the number of strides a horse took to travel a set distance at a given speed to calculate stride length. The non-supplemented horses showed decreased stride length during training compared to the supplemented group, indicating the supplemented horses were moving more freely during exercise.

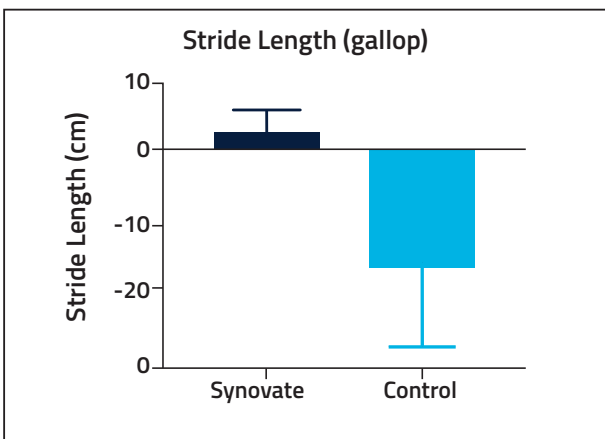
**To support your horse's joints,  
choose Synovate HA**

## Concentration

200 mg of hyaluronic acid (sodium) per ounce (30 mL).

**Source:** Fermentation-derived product from nonanimal substrates.

**Molecular weight:** 1-1.25 million daltons.



## Why Choose Synovate HA?

- Delivers high molecular weight sodium hyaluronate for horses in an easy-to-administer liquid.
- Hyaluronic acid plays a vital role in maintaining the health of connective tissue and optimizing normal joint function.
- Contributes significantly to maintenance of cartilage health and elasticity, joint fluid viscoelasticity, and lubrication of the entire joint mechanism.
- Contains anti-inflammatory properties, which are useful for high-motion joints.
- Assists with supporting equine athletes through the rigors of training and competition.
- Synovate HA uses a fermentation source of sodium hyaluronate derived from nonanimal substrates.

## Feeding Recommendations

Maintenance: Give 1/2 ounce (15 mL) per 1100-lb (500-kg) horse per day in feed or orally.

Loading or precompetition (optional): Give 1 ounce (30 mL) per 1100-lb (500-kg) horse in feed or orally once daily for 7-10 days.

## Servings and Container Sizes

### Serving size

0.5 ounce (Maintenance) or 1 ounce (Loading)

### Container sizes:

32 oz (64 servings), 1 gallon (256 servings)

