



# Keys to Better Performance



**The performance demands of today's equine athletes require more attention to detail. As you fine-tune your feeding program, remember digestive function is the key to better performance.**

## FEED THE BUGS

Horse feeds are enzymatically digested in the small intestine and feed components that are not digested enzymatically pass down the digestive system into the cecum and colon (hindgut) where beneficial bacteria ferment the feed. This is where Original XP's nutritional metabolites have their greatest benefit in the horse. Original XP is a rich nutrient source for the hindgut microbes. By feeding these microbes, we help maintain a strong and healthy hindgut environment. As these microbes are flourishing, they are more able to digest the feedstuffs that enter the large intestine.

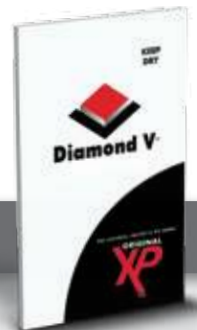
The horse has a better opportunity to receive full utilization of these feedstuffs that are ingested including both grains and forages. As we demand more out of our horses we must be sure that their digestive tract is in optimum condition.

### Proper digestive health means:

- Higher, more consistent performance
- Quicker recovery from stress or injury
- Better appearance

## EVERY HORSE CAN BENEFIT

Regardless of your horse's work load, stress level, or nutritional status, Diamond V Original brands can compliment and enhance their nutritional package.



## ENGINEERED TO DELIVER RESULTS!

### RECOMMENDED INCLUSION RATE

Foals	0.5oz (14g)/hd
Mares/Stallions	2oz (56g)/hd
Show/Performance Horse	2oz (56g)/hd
Senior Horse	2oz (56g)/hd
Draft Horse	4oz (112g)/hd

Available in two additional concentrations: Original YC™ and Original XPC™

## PRODUCT BENEFITS:

Diamond V's Original line of products help provide the critical nutritional support needed to improve hindgut integrity and efficiency. Research has shown our products optimize:

- Digestive Performance
- Digestive Efficiency
- Digestive Health



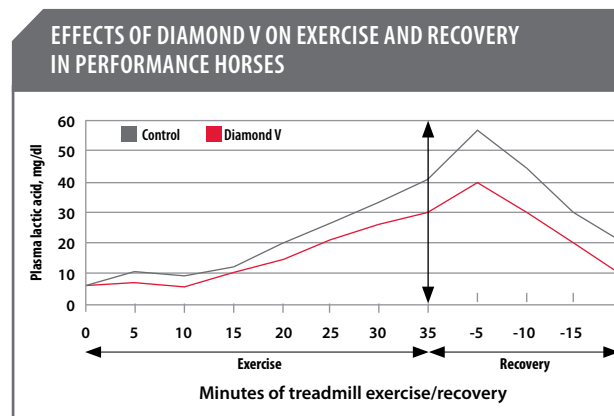
# Every Horse Can Benefit



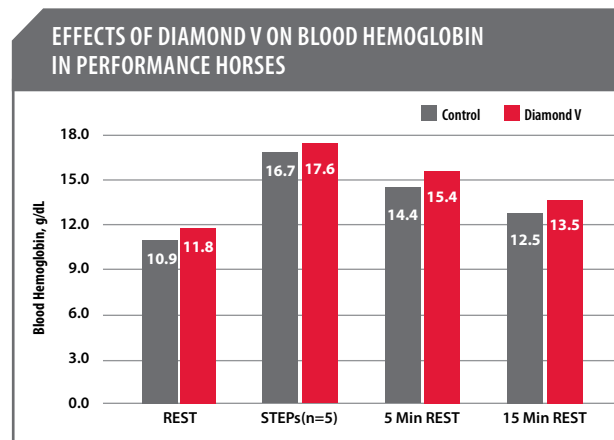
## Performance Horses

Selecting the right diet and following proper feeding practices are the cornerstone to a healthy equine athlete. The nutritional metabolites in Original XP can optimize the athletic performance of horses.

- Horses with lower plasma lactic acid concentrations have a quicker recovery time after exercise.
- Horses with higher hemoglobin concentrations have a greater ability to transport oxygen, and that has the potential to enhance performance.



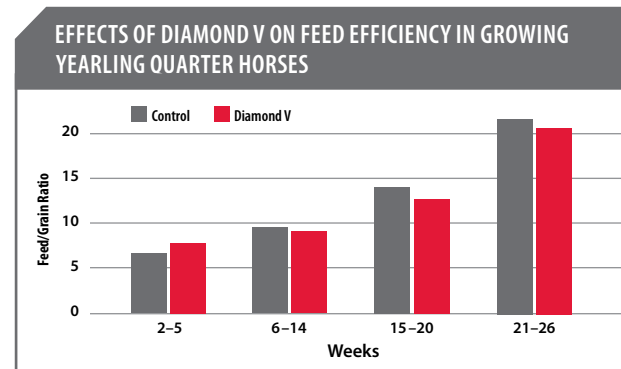
Glade and Campbell, 1990. *Equine Vet. Sci.* 10:434-443



S. J. Wickler, 2002. California Polytechnic State University

## Growth

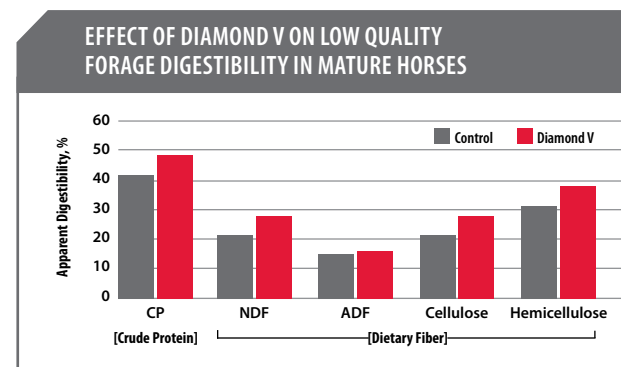
Feeding Original XP will support genetic growth potential. Research has shown that feeding yearling horses Original XP supports feed/gain ratio and feed efficiency.



Karen Bennett-Wimbush, 1991. Master of Science Thesis. University of Missouri, Columbia.

## Feed Efficiency and Digestibility

All horses can benefit by including Original XP in their feed. Original XP helps to optimize digestive performance, efficiency, and overall health. Original XP promotes greater digestibility of feedstuffs. Microbes in the gut break down the fibrous portions of feedstuffs that the horse's own digestive enzymes cannot. Given that the majority of the horse's diet is comprised of forage, microbes are essential to the nutritional well being of the horse. Original XP supports the growth of these microbes, resulting in optimized digestibility of the feedstuffs and supporting nutrients available for growth and performance.



Morgan et al. 2007. *J. Equine Vet. Sci.* 27:260-265

For more information please contact your local Diamond V representative.

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