

# EQUINE MICROBIAL AND ENZYME PACK

Formulated with additional enzymes to aid in maintaining a balanced microbiome and support digestion.

## Fastrack Equine Microbial and Enzyme Pack Supports

- Feed Efficiency and Appetite
- Digestion and Nutrient Absorption
- Hoof and Hair Health
- pH Balance
- Fertility



Scan this QR code for more information on our Equine products

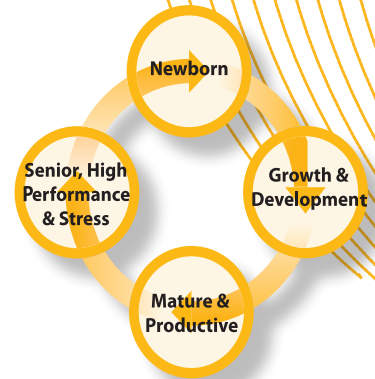


"I am impressed with the improvement on my horses. They have a better coat and are a lot healthier since I feed the Fortifier and the Fastrack Equine Microbial and Enzyme Pack."  
- Henry M., OH



# Fastrack<sup>®</sup> Equine Microbial and Enzyme Pack

Top-dress or mix into feed daily. For older and high performance equine, Fastrack Microbial and Enzyme Pack is a great addition to their nutrition program.



Maintenance Challenge

	Maintenance	Challenge
Growing Equine	1 oz.	2 oz.
Mature or Low Performance Equine	0.5 oz.	1 oz.
High Performance Equine	1.5 oz.	2 oz.
Lactating Equine	1 oz.	2 oz.

One scoop equals 1/2 oz. and provides at least 2.5 billion CFUs of total lactic acid producing bacteria.

Maintenance dosing is for times when the animal is not under stress but could benefit from maintaining a healthy microbiome. Challenge dosing is for irregular situations that can occur causing the animal to undergo stress.

## Minimum Guaranteed Analysis per 1 oz

Total lactic acid-producing bacteria not less than 5 billion colony-forming units (*Enterococcus faecium*, *Lactobacillus acidophilus*); Acid protease (*Aspergillus niger*) not less than 300 acid protease units (ASPU)<sup>1</sup>; Bromelain (pineapple) not less than 800 gelatin digestion units (GDU)<sup>2</sup>; Cellulase (*Trichoderma longibrachiatum*) not less than 10,000 cellulase units (CU)<sup>3</sup>; Fungal amylase (*Aspergillus oryzae*) not less than 2,500 sanstedt kneen blisch units (SKB)<sup>4</sup>; Fungal protease (*Aspergillus oryzae*) not less than 7,000 hemoglobin units (HUT)<sup>5</sup>; Lipase (*Candida rugosa*) not less than 300 fungi lipase-international standard unit (FIP)<sup>6</sup>

- <sup>1</sup>ASPU is the quantity of enzyme required to produce amino acids equivalent to 100 µg of tyrosine in 1 mL of filtrate at 37°C over 60 minutes at pH 3.0.
- <sup>2</sup>GDU is the amount of enzyme which will liberate one µg of tyrosine after one minute of digestion at 37°C from a standard casein substrate at pH 7.0.
- <sup>3</sup>CU is the amount of activity that will produce a relative fluidity change of 1 in 5 minutes in a defined carboxymethyl cellulose substrate at 40°C.
- <sup>4</sup>SKB is the amount of enzyme which will liberate 1 mg of reducing sugar as maltose in 30 minutes at 40°C.
- <sup>5</sup>HUT is the amount of enzyme that produces, in 1 minute a hydrolysate whose absorbance at 275 nm is the same as that of a solution containing 1.10 µg per mL of tyrosine in 0.006N hydrochloric acid.
- <sup>6</sup>FIP is the quantity of a standard Lipase preparation that liberates the equivalent of 1 µmole of fatty acid from olive oil per minute. The specific activity is expressed in International FIP units per mg of enzyme preparation.

## Ingredients

Yeast culture, roughage products, calcium carbonate, dried chicory root, yeast extract, dried *Aspergillus niger* fermentation extract, dried *Aspergillus oryzae* fermentation extract, dried *Trichoderma longibrachiatum* fermentation extract, dried *Candida rugosa* fermentation extract, dried pineapple, sodium silico aluminate, vegetable oil, natural apple flavor, dried *Enterococcus faecium* fermentation product and dried *Lactobacillus acidophilus* fermentation product.

## Equine Microbial and Enzyme Pack Purchasing Options and Shipping Weights

#41630 4 lbs. bag	4.1 lbs.
#41633 4-4 lb. bag/case	17.3 lbs.
#41636 12 lb. bag	13.2 lbs.

Keep cool. For extended shelf life, store in a refrigerator.

Fastrack is not intended to diagnose, treat, prevent or cure illness, nor is it intended to replace prescribed medications.