



InsulinWise™

US Patent 10,568,352

A synergistic blend of polyphenols and amino acids that support normal metabolic function and healthy insulin levels.

The propriety ingredients in InsulinWise are research-proven to support lower insulin levels and increased adiponectin concentrations in EMS horses. Maintaining normal levels of these hormones and decreasing insulin dysregulation can provide a clinical benefit by reducing the risk of laminitis.

Supplementation is recommended for horses:

- Diagnosed with insulin dysregulation related to metabolic syndrome.
- At risk for developing insulin dysregulation because of lifestyle or breeding.
- With a history of laminitis related to obesity or metabolic syndrome.
- Suffering from pituitary pars intermedia dysfunction (PPID), that are also insulin resistant.



Dosage and administration

SERVING RECOMMENDATIONS

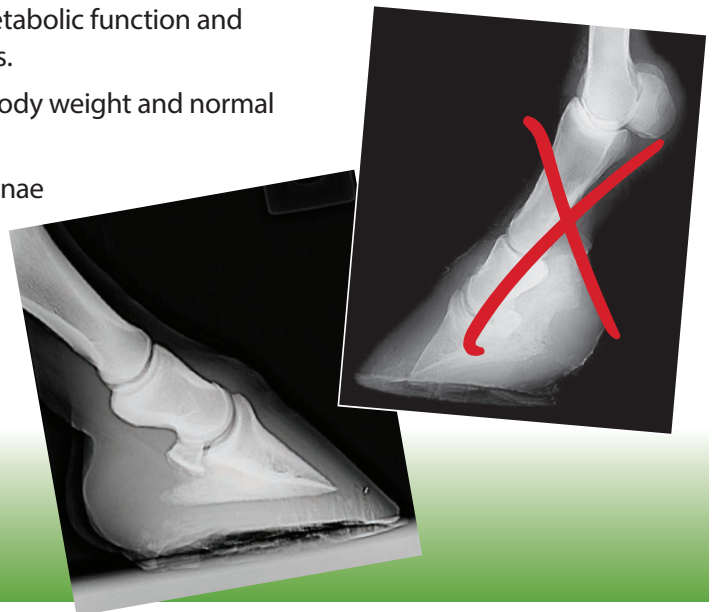
1 scoop = 28 grams

HORSES AND PONIES

- Supplement at a rate of one scoop (28 grams) per day. The amount provided can be split between a.m. and p.m. feedings by offering ½ scoop (14 grams) at each feeding.

The unique blend of ingredients in InsulinWise:

- Maintain normal metabolic function and healthy insulin levels.
- Support a healthy body weight and normal fat distribution.
- Sustain healthy laminae within the hoof.



Available Sizes:

- **2 lb** (0.91 kg) bucket (contains 32 scoops)
- **5 lb** (2.27 kg) bucket (contains 80 scoops)

Active ingredients per scoop (28 g):

Leucine.....	2,100 mg
Lysine.....	1,740 mg
Glutamic Acid.....	1,010 mg
Resveratrol.....	750 mg
Quercetin	500 mg
Proline	470 mg
Alanine	395 mg
Glycine	250 mg

Inactive ingredients:

Dried yeast fermentation solubles, natural and artificial flavors.

Supports healthy insulin and glucose levels.

Research-proven to support normal insulin sensitivity

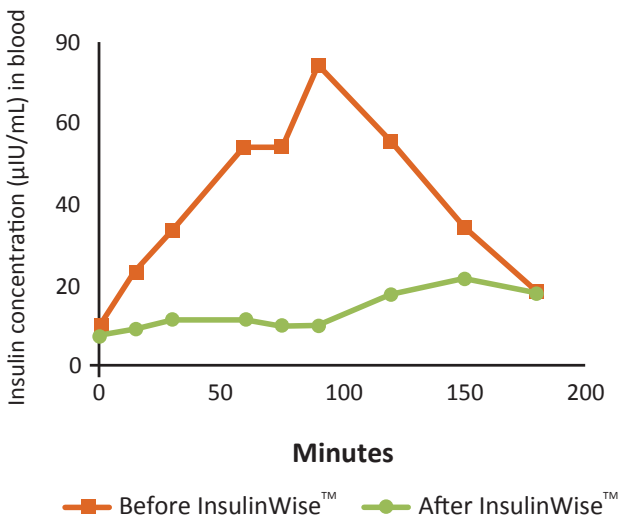
Research at Michigan State University showed:

- Supplemented horses had significantly reduced insulin levels at 60 and 75 minutes following the oral sugar test, signifying increased insulin sensitivity.
- Post-supplementation, a significant decrease in body weight was noted.
- Significant increases in adiponectin were found after the supplementation. Increases in these levels are associated with increased insulin sensitivity and improved glucose uptake.



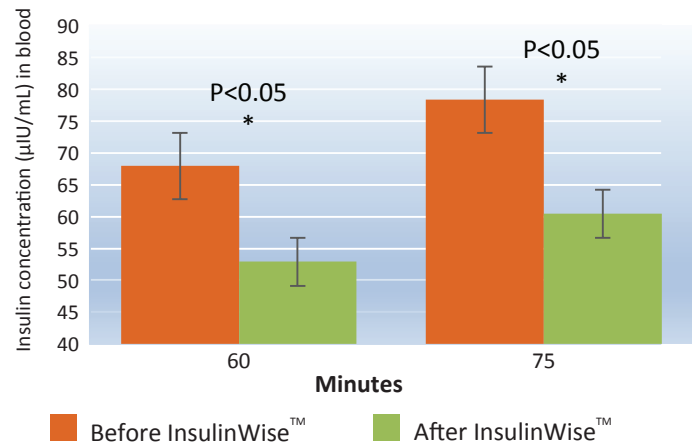
InsulinWise Supported a Decrease in Insulin Resistance

In four of the horses previously identified as insulin resistant, insulin regulation reverted to levels classified as normal after supplementation with InsulinWise.



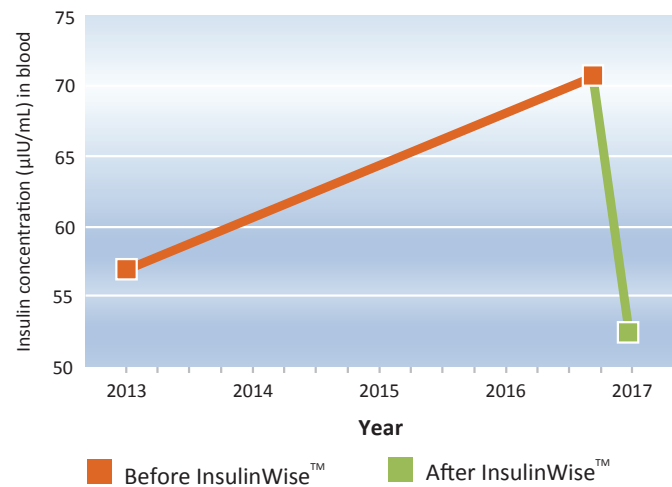
Insulin Concentrations Following OST Challenge

Supplementation with InsulinWise significantly reduced insulin blood levels, signifying increased insulin sensitivity.



Insulin Levels at 60 Minutes During Oral Sugar Tests from 2013 to 2017

Over time, EMS horses became more insulin resistant. Supplementation with InsulinWise significantly reduced insulin levels in the blood, signifying a decrease in insulin resistance.



Manfredi JM, Stapley ED, Nash D. Effects of a dietary supplement on insulin and adipokine concentrations in equine metabolic syndrome/insulin dysregulation. In J Equine Vet Sci 2020;88:102930.