



Metaboleeze™

Supports normal muscle metabolism in performance horses and horses challenged by recurrent exertional rhabdomyolysis (RER).

Metaboleeze is a highly digestible source of chromium combined with B-complex vitamins and organic trace minerals. During research trials, the proprietary organic chromium yeast contained in Metaboleeze was found to be absorbed and retained far more efficiently than other forms of chromium.

Scientifically formulated:

Chromium, a key ingredient in Metaboleeze, plays a role in normal carbohydrate, lipid, and protein metabolism. It is a component of the glucose tolerance factor (GTF) and is involved in the communication between insulin and insulin receptors. Irregularities in carbohydrate metabolism may lead to tying up, a form of RER. It has been found that strenuously exercised horses excrete more chromium in their urine than sedentary horses, which can lead to deficiencies.

Essential B vitamins are critical in the conversion of pyruvate into acetyl-CoA for use in aerobic energy generation. A deficiency in B vitamins will disrupt this energy pathway in the muscle and lead to an increase in lactic acid accumulation, which will contribute to fatigue during exercise.

The organic zinc and manganese found in Metaboleeze play an important role in glucose metabolism. Organic trace minerals are absorbed more readily and retained longer than inorganic minerals.

Available Sizes:

- **3 lb** (1.36 kg) bucket (contains 48 scoops)
- **25 lb** (11.36 kg) bucket (contains 400 scoops)

Ingredients:

Dried yeast fermentation solubles, chromium-enriched yeast culture, folic acid, zinc proteinate, manganese proteinate, iron proteinate, copper proteinate, niacin, riboflavin, thiamin mononitrate, d-pantothenic acid, pyridoxine hydrochloride, d-biotin, cobalt proteinate, vitamin B12 supplement, rice bran.



Guaranteed Analysis

	Per Ounce	Concentration
Copper (Min.)	50 mg	1,775 ppm
Zinc (Min.)	100 mg	3,575 ppm
Iron (Min.)	100 mg	3,575 ppm
Manganese (Min.)	100 mg	3,575 ppm
Chromium (Min.)	5 mg	175 ppm
Vitamin B12 (Min.)	118 mcg	1.9 mg/lb
Riboflavin (Min.)	87 mg	1,400 mg/lb
D-pantothenic acid (Min.)	93 mg	1,500 mg/lb
Thiamin (Min.)	100 mg	1,600 mg/lb
Niacin (Min.)	120 mg	1,950 mg/lb
Vitamin B6 (Min.)	60 mg	979 mg/lb
Folic acid (Min.)	130 mg	2,150 mg/lb
Biotin (Min.)	1 mg	16 mg/lb
Cobalt (Min.)	1 mg	16 mg/lb



Research-proven:

In a study in Kentucky (Pagan et al., 1995), horses received 5 mg of chromium per day. At the end of each treatment period the horses were tested at rest and on a highspeed treadmill while blood samples and heart rate were evaluated.

Results:

Following a meal, horses supplemented with chromium cleared blood glucose faster and had lower peak insulin and cortisol levels.

During exercise, supplemented horses had higher triglyceride values. This may be a sign of more efficient fat mobilization.

Also during exercise, the supplemented group had lower peak lactic acid concentrations. Lactic acid accumulation hastens fatigue. Horses that accumulate less lactic acid have improved stamina.

Metaboleeze is recommended for:

- Healthy horses that are training and competing.
- Individuals with a history of recurrent exertional rhabdomyolysis (RER).
- Horses that are easily fatigued.



**Metaboleeze
supports
optimal
performance.**



KPPusa.com, 859-873-2974

**The horse that matters
to you matters to us®**

Serving recommendations:

1 scoop (1 ounce) per day.