



Technical Fact Sheet

Product:



Packaging: 40 oz (1136 gm) tub - 4 tubs per case

Ingredients: Dimethylglycine (DMG) (5,600 mg/oz), Ornithine- α -KetoGlutarate (OKG) (100 mg/oz), Maltrin (carrier).

Directions for Use: Give 1-2 rounded scoops per horse per day as needed (**SCOOP ENCLOSED**).

Features: Chemically, OKG is a salt formed of two molecules of ornithine and one molecule of α -ketoglutarate. Studies have shown OKG to cause an increase in growth hormone and plasma concentrations of several key amino acids including arginine, proline, isoleucine, leucine, tyrosine, as well as ornithine and glutamine. Of particular interest is the fact that during periods of high stress related to intense training or racing, OKG helps to increase the total glutamine levels in the muscle cells through decreased muscle protein breakdown and/or increased synthesis, thus yielding an anabolic-like effect. N, N-dimethylglycine (DMG) also known as pangamic acid, "Vitamin B-15", and sopangamine was first isolated from apricot kernels in 1951 by Drs. Ernest Krebs, Sr. and Jr. Since then it has undergone a number of scientific examinations. The bottom line at this point appears to be that by acting as a methyl donor, **DMG** tends to improve endurance and overall athletic performance, and utilize oxygen more efficiently, thus decreasing the post exercise recovery times due to reduced levels of lactic acid. Maltrin is used as a high carbohydrate nutrient that does not trigger an insulin response.

*Race Us
... or Chase Us!*



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