



Glyco-Charge is a precision-formulated, low-fat, highly digestible carbohydrate supplement designed specifically to support glycogen availability and metabolic readiness prior to competition or intense work and for replenishment after. Delivers fast-acting energy precursors without bulk, fiber, or unnecessary calories.

Ingredients:

White Rice, Potato Starch, Fructose, Dried Whey Protein Concentrate, Banana Flavoring, Monosodium Phosphate, Salt, Mixed Tocopherols

How and Why It Works:

- **White Rice & Potato Starch** are among the most rapidly digestible starches available. They break down quickly into glucose in the small intestine, raising blood glucose and insulin levels. Insulin then shuttles that glucose into muscle cells to be stored as glycogen (glycogenesis).
- **Fructose** is the same sugar that is in hay; provides an additional quick sugar source. In horses, a portion is converted to glucose or directly supports liver glycogen replenishment, helping maintain stable blood sugar and giving the muscles an extra boost of readily available fuel.
- **Whey Protein Concentrate** supplies branched-chain amino acids that support muscle repair and help drive glycogen storage (protein + carbs work synergistically for faster recovery and synthesis).

Guaranteed Analysis:

Protein (min): 8%
Fat (min): 0.15%
Fiber (max): 1%
Ash (max): 4%

Daily nutrition of horse fed 1 lb of supplement:

Nutrients	Total Fed
Protein	37.4 g
Fat	2.5 g
Fiber	2.1 g
Ash	15.2 g
Carbohydrate	396.4 g
Alanine	2.2 g
Arginine	2.2 g
Aspartic Acid	4.2 g
Cystine	1.0 g
Glutamic Acid	7.6 g
Glycine	1.3 g
Histidine	0.8 g
Isoleucine	2.2 g
Leucine	3.9 g
Lysine	3.0 g
Methionine	0.9 g
Phenylalanine	1.7 g
Proline	2.3 g
Serine	2.2 g
Threonine	2.1 g
Tryptophan	2.6 g
Tyrosine	1.4 g
Valine	2.5 g
Sodium	2.8 g
Magnesium	0.1 g
Calcium	0.1 g
Phosphorus	3.3 g

Recommended Feeding Guidelines:

Pre-Event: Feed 1-2 lb of Glyco-Charge the evening prior to the event. Feed 1 lb four hours prior to the event. This helps to pre-load glycogen stores so your horse starts with a full tank.

Post-Event: Feed 1 lb of pre-soaked Glyco-Charge 30-45 minutes after the event. After event, we recommend feeding 1 lb of Absolute Protein 30-45 minutes after the Glyco-Charge and also resume feeding hay or alfalfa if the horse is fully hydrated and ready.

Soaking Instructions: Pre-Soak Glyco-Charge in water for 30-60 minutes prior to feeding. Glyco-Charge will absorb 4-5 times its own weight in water, making it ideal for a horse that may be less than fully hydrated after an event. Glyco-Charge may be fed dry or wet pre-event for glycogen loading.