

D-CARB™ (Balance)

- ◆ **Insulin Resistance (IR)**
- ◆ **Obesity**
- ◆ **Glucose Intolerance**
- ◆ **Cushings**
- ◆ **Laminitis**

D-Carb™ (Balance) is specifically formulated for horses predisposed to **Insulin Resistance (IR)** and/or an inability to metabolize high carbohydrate levels; found in feedstuffs with high sugar content.

Several key ingredients have been identified as important nutritional support, to aid in **Carbohydrate** → **Insulin** → **Glucose** metabolism (magnesium, chromium, etc.).

Since high carbohydrate levels (found in grain and rich alfalfa hay) are often restricted in **IR** diets, it is important to provide essential mineral nutrients, necessary for nutritional support. **D-Carb™ (Balance)** is designed for diets consisting of approximately 15-20 lbs of Timothy or Bermuda grass type hay, no grain, or small amounts and/or similar low carb feedstuffs (beet pulp) to provide calcium, phosphorus, vitamins, and trace minerals that would be lacking, given the restriction of grain and alfalfa-type hay (both high in carbohydrates). Hay is normally fed at a rate of 1.5% of ideal body weight, Example: 1,000lb horse x 1.5% = 15lb hay (Hay should not contain more than 10% starch/sugar). Over starvation may often cause greater increase in **Insulin Resistance**. Given many variables and conditions, consult your veterinarian for specific ration and feeding levels. **D-Carb™ (Balance)** is pelletized and flavored to enhance palatability, with usage level of 2 ounces twice daily.

GUARANTEED ANALYSIS (PER 2 OZ):

Vitamin A, Min.....	12,500 IU	Crude Fiber, Max	8,505 mg
Vitamin D, Min.....	1,250 IU	Calcium, Min.....	3,969 mg
Vitamin E, Min	250 IU	Calcium, Max.....	5,103 mg
Vitamin C.....	250 mg	Phosphorus, Min	1,134 mg
Niacin	500 mg	Salt, Min	425 mg
Riboflavin	32.5 mg	Salt, Max	992 mg
Vitamin B12	0.1 mg	Magnesium	3,060 mg
Pyridoxine	10 mg	Copper.....	90 mg
Thiamine	12.5 mg	Iodine.....	1.4 mg
Direct Feed Microorganisms(Probiotics)	50 mil. CFU	Manganese	162 mg
Crude Potein, Min	6,237 mg	Selenium	1.2 mg
Crude Fat, Min.	4,253 mg	Zinc.....	227 mg

DIRECTIONS FOR USE:

HORSES: Provide 2 ounces of **D-Carb™ (Balance)** twice daily.
(Enclosed measure approximates 2 oz.)

Review...

Insulin Resistance (IR) simply stated, is when a horse must produce large amounts of insulin to keep blood sugar (glucose) under control. With this condition, cell walls are often impermeable and do not allow insulin to enter. Instead of providing energy to the cells, glucose gets stored as body fat, often resulting in obesity.

Associated Symptoms:

- ◆ **Fat deposits, thick cresty neck**
- ◆ **Grass laminitis history**
- ◆ **Excessive drinking/urination**
- ◆ **Chronic laminitis**

Apple-Flavored