

Soluble Carbohydrate Values of Southern States Horse Feeds*

Horse Feed and Form	WSC	ESC	Starch	Starch + ESC	NSC
Select 12 <i>Textured</i>	8.9%	3.1%	14.9%	18.0%	23.8%
Select 12 <i>Pelleted</i>	5.5%	3.6%	25.5%	29.1%	31.0%
Reliance Pleasure <i>Textured</i>	7.3%	3.7%	33.8%	37.5%	44.8%
Reliance Pleasure <i>Pelleted</i>	4.1%	0.6%	34.4%	35.0%	38.5%
Reliance High Fat <i>Textured</i>	7.5%	5.3%	31.3%	36.6%	38.8%
Reliance High Fat <i>Pelleted</i>	8.1%	5.3%	23.3%	28.6%	31.4%
Reliance All Grain <i>Textured</i>	6.8%	4.0%	38.3%	42.3%	45.1%
Reliance Hay Stretcher <i>Pelleted</i>	7.8%	4.8%	20.7%	25.5%	28.5%
Legends Show & Pleasure <i>Textured</i>	8.9%	6.9%	22.5%	29.4%	31.4%
Legends Show & Pleasure <i>Pelleted</i>	2.8%	2.8%	23.4%	26.2%	29.1%
Legends Grow & Perform <i>Textured</i>	9.0%	7.0%	26.0%	33.0%	35.0%
Legends Grow & Perform <i>Pelleted</i>	5.7%	4.1%	19.4%	23.5%	25.1%
Legends Mare & Foal <i>Textured</i>	9.5%	7.6%	15.3%	22.9%	24.8%
Legends Mare & Foal <i>Pelleted</i>	6.7%	4.0%	16.6%	20.6%	23.3%
Legends Maturity <i>Pelleted</i>	4.7%	2.3%	14.9%	17.2%	19.6%
Legends Performance <i>Textured</i>	8.6%	5.8%	19.9%	25.7%	28.5%
Legends Performance <i>Pelleted</i>	6.4%	3.7%	6.5%	10.2%	12.9%
Legends Racing <i>Textured</i>	11.5%	7.5%	14.1%	21.6%	25.6%
Legends Fortified Pelleted Rice Bran <i>Extruded Pellet</i>	4.6%	5.0%	17.4%	22.4%	22.0%
Triple Crown 10% Performance <i>Textured</i>	5.6%	5.6%	33.3%	38.9%	38.9%
Triple Crown 14% Performance <i>Textured</i>	6.3%	5.6%	31.8%	37.4%	38.1%
Triple Crown Complete <i>Textured</i>	8.8%	8.9%	11.8%	20.7%	20.6%
Triple Crown Senior <i>Textured</i>	5.3%	6.8%	6.4%	13.2%	11.7%
Triple Crown Growth <i>Textured</i>	8.3%	7.8%	5.6%	13.4%	13.9%
Triple Crown Low Starch <i>Pelleted</i>	3.1%	5.6%	10.4%	16.0%	13.5%
Triple Crown Lite <i>Pelleted</i>	4.8%	5.0%	4.5%	9.5%	9.3%
Triple Crown 12% Supplement <i>Pelleted</i>	2.3%	3.6%	21.8%	25.4%	24.1%
Triple Crown 30% Supplement <i>Pelleted</i>	8.0%	9.2%	1.8%	11.0%	9.8%
Triple Crown Safe Starch Forage <i>Chopped</i>	5.0%	3.8%	3.7%	7.5%	8.7%
Triple Crown Grass Forage <i>Chopped</i>	9.7%	8.1%	4.5%	12.6%	14.2%
Triple Crown Alfalfa Forage <i>Chopped</i>	9.9%	8.0%	4.7%	12.7%	14.6%
Triple Crown Rice Bran <i>Extruded Meal</i>	7.0%	9.1%	16.2%	25.3%	23.2%

*Values determined by Equi-Analytical Laboratories, Ithaca, NY, reported on as sampled or as fed basis. WSC is water soluble carbohydrates, ESC is ethanol soluble carbohydrates, NSC is nonstructural carbohydrates and NSC = Starch + WSC. Select feeds and forages with low Starch + ESC values (simple sugars) for horses to prevent laminitis, excitable behavior, tying up diseases (EPSM, PSSM, RER) and Developmental Orthopedic Disease (DOD) in growing horses, and to reduce insulin resistance in horses with Equine Metabolic Syndrome and Equine Cushing's Disease. Also, pasture grasses with high NSC values (starch and fructan sugars) are more likely to cause laminitis in horses grazing them. All feeds have fixed-ingredient formulas so carbohydrate values remain constant.