

# Carbohydrate Content of LMF Horse Feeds

Typical Analysis			
LMF Feeds	Starch %	Simple Sugar %	Fructans
Super Supplement – A	39.5	2.8	--
Super Supplement – G	19.5	5.5	--
Development – A	39.0	4.0	--
Development – G	29.4	4.8	--
Performance – A*	22.8	3.2	--
Performance – G*	25.6	5.6	--
Showtime - A	16.0	5.5	--
Showtime – G	16.0	5.5	--
Primetime – A†	42.6	3.0	--
Primetime - G†	38.0	4.0	--
Low NSC Stage 1	2	6.0	3
Low NSC Complete	2	6.0	3
Gentle Balance	4	6.0	3
Senior	18	7.0	2.3
Senior Low Carb	2	6.0	2.0
Gold	18	7.0	--
Race	28.0	5.2	--
Taco†	24.0	5.0	2.6
California Complete*	24.0	5.0	2.6

--Fructan content insignificant & not listed as these products are not forage based

†Primetime & Taco are only available in the Northwest Region

\*California Complete and Performance are only available in the Southwest Region

## SIMPLE SUGARS (ESC):

These carbohydrates are extracted from a sample using an ethanol solution. This represents the sugar fractions that directly influence blood sugar, and the most rapidly fermentable fructans. The simple sugars are digested in the small intestine and fructans are fermented in the hind gut.

## STARCH:

A polysaccharide composed of repeating glucose units. Starch is found mainly in cereal grains and is typically digested in the small intestine. Starch is also found in small amounts in many types of hay.

## FRUCTANS:

Is a chain sugar molecules consisting mainly of fructose that are found in cool-season grasses. Fructans are resistant to normal enzyme digestion in the horse's small intestine and they are fermented by bacteria in the large intestine.

**RECOMMENDATIONS FOR HORSES AT RISK FOR, OR SUFFERING FROM METABOLIC DISORDERS** such as Insulin Resistance and Laminitis should be fed a total diet (forage plus concentrate) of:

**LESS THAN 12% (STARCH + SUGAR + FRUCTANS)**

**If you would like help balancing an appropriate diet for your horse, contact your local LMF Feeds representative.**

LMF Feeds Inc  
11016 E. Montgomery Drive Ste. 101  
Spokane, WA 99206  
800-344-0563

info@lmffeds.com www.lmffeds.com

