



Horse Energy Index

An exclusive tool to help you choose the best complete feed for your horse's unique health and performance goals.

We use four components to measure the energy profile of the feed:

CALORIES

The caloric indicator shows the relative level of calories. The higher the value, the better the feed will promote efficient weight gain or maintain the horse's body condition regardless of exercise.

NSC

Sugar and starch content that comes from the ingredients. These carbohydrates are an interesting source of calories and help efficiently recover muscle glycogen after exercise. Due to their acidifying effects and impact on blood sugar and insulin levels, they must be fed to the horse in reasonable amounts and in several meals per day.

HEI

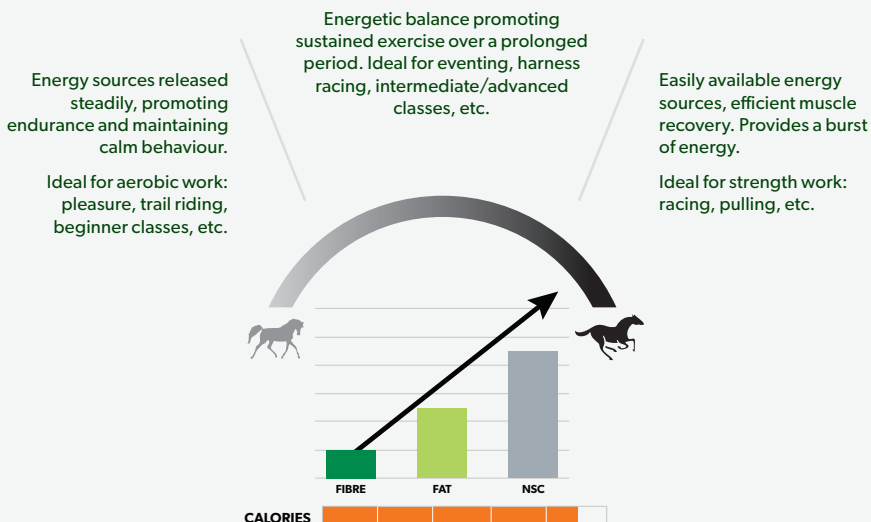
Arrow indicating the type of energy provided by the feed and the activity or exercise for which it is intended.

FAT

Fat content from sources of vegetable fat such as soy oil and flaxseed. This highly calorically dense nutrient does not trigger an insulin response and builds muscle endurance by promoting the mobilization of fatty acids.

FIBRE

Fibre content from highly digestible ingredients such as soy hulls and beet pulp. When fibre ferments, it produces volatile fatty acids, which are used as the main source of energy for the horse. No impact on horse behaviour.



Glycemic scale

For some horses, the amount of non-structural carbohydrates (NSC), but more specifically the levels of ethanol-soluble carbohydrates and starch, should be carefully controlled to avoid significant health problems such as laminitis or certain myopathies. This is the case for horses suffering from Equine metabolic syndrome (EMS), insulin resistance (IR) or insulin dysregulation (ID), PPID ("Cushing's syndrome") or PSSM type 1 ("Tying-up") for example.

The glycemic scale makes it easy to identify which feeds are best for these horses. Feeds with very low % of ethanol-soluble carbohydrates and starch ($\leq 11\%$) contain no grains or added sugar and can be safely fed to these horses.

Glycemic scale

% of ethanol-soluble carbohydrates + starch

High
> 25%

Particularly suitable for horses with very high energy requirements given their level of exercise

Intermediate
> 19.5% to 25%

Suitable for most healthy horses

Controlled
> 11% to 19.5%

Suitable for most healthy horses and may be suitable for some horses more sensitive to sugars when served in controlled amounts

Very low
 $\leq 11\%$

Suitable for all types of horses, even those with metabolic problems

Tips for feeding horses with metabolic problems:

- 1- Consult your veterinarian
- 2- Have your hay analyzed. Make sure the addition of soluble ethanol sugars + starch does not exceed 11%.
- 3- Serve a minimum of 1.5% of the horse's weight in hay per day. To be served all day long. Slow feeder nets are practical for this purpose.
- 4- Regularly evaluate the body condition to avoid excessive weight.
- 5- Serve a specialized mineral and vitamin supplement such as **MetaBalance**.
- 6- If necessary, top dress the ration with a protein supplement such as **Topp40** or a complete feed with a very low glycemic index.
- 7- Consult your Sollio Agriculture agri-advisor to discuss about a personalized nutrition plan



Hay Substitute & All-in-One Feed



Glycemic
scale
Very low

EconoFoin Hay substitute for horses

- Carefully chosen sources of fibres, to replace hay for horses sensitive to hay dust or those with dental problems
- Can replace some or all of the hay



Glycemic
scale
Controlled

EquiComplete All-in-one feed for aged or delicate horses

- Complete feed that can be fed as sole feed to horses susceptible to hay dust or having dental or digestive issues due to age or health problems
- Carefully chosen ingredients to facilitate digestion
- Contains all essential minerals and vitamins

Complete Feed

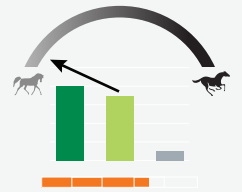
Horses at Work & Weight Maintenance



Glycemic
scale
Very low

LinoFibre Very low glycemic index feed, with a source of omega-3s

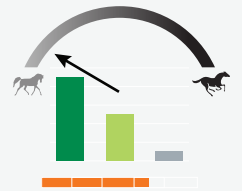
- No added grain or sugar: safe for horses with insulin resistance
- Source of carefully chosen fibres to optimize digestion and to promote maintenance of body condition
- Flaxseed: high in omega-3 fatty acids for shiny coat and antioxidant properties
- Live encapsulated yeasts promote the balance of the intestinal flora



Glycemic
scale
Very low

NutriFibre Complete feed with high fat and fibre content, very low glycemic index

- No added grain or sugar: safe for insulin resistant horses
- Soybean oil and highly digestible fibres to maintain body condition
- Live encapsulated yeasts promote the balance of the intestinal flora and digestion of fibre



Complete Feed



Glycemic scale
Controlled

Versa Versatile feed for young horses and adult horses at work

- Well balanced energy sources to maintain healthy body condition
- Flaxseed: source of omega-3 fatty acids
- High content of vitamins, minerals and minor elements including organic zinc and organic selenium: promotes muscle activity and recovery after exercise



Glycemic scale
Intermediate

Versa TXT Palatable textured mash for young horses and adult horses at work

- Contains a large portion of pellets, rich in protein and fibre
- Presence of grains for a high caloric value and optimal consumption
- High content of vitamins, minerals and minor elements including organic zinc and organic selenium: promotes muscle activity and recovery after exercise



Glycemic scale
Controlled

HP High energy density feed for performance horses

- 10% vegetable fat reduces usage of grains and their acidifying effects and promotes weight gain
- High content of vitamins, minerals and minor elements including organic zinc and organic selenium: promotes muscle activity and recovery after exercise
- Extruded soybean: high quality protein source that favors maintenance of muscle mass



Glycemic scale
Controlled

Senior Complete feed formulated specifically for older horses

- Balance of energy sources and added essential amino acids help keep the older horse in good condition
- Carefully chosen ingredients to facilitate digestion
- Nutritional support for maximum well-being: encapsulated live yeast (probiotics), omega-3 fatty acids and biotin



Glycemic scale
Controlled

Perfo EXT High calories extruded feed with a controlled level of sugars and starch

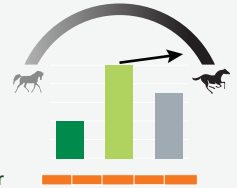
- 12% vegetable fat reduces grain consumption and acidifying effects and promotes weight gain
- Extrusion improves precaecal digestibility of starch and proteins
- High content of vitamins, minerals and minor elements including organic zinc and organic selenium: promotes muscle activity and recovery after exercise
- High level of live encapsulated yeasts (probiotics) to promote the balance of the intestinal flora.



Glycemic scale
High

Turbo EXT Multi-particle feed with high energy content for performance horses

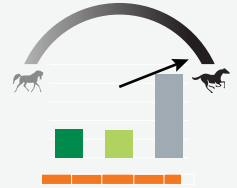
- Contains extruded and textured elements as well as oil and molasses for maximum palatability and energy intake.
- High content of vitamins, minerals and minor elements including organic zinc and organic selenium: promotes muscle activity and recovery after exercise
- High quality protein sources and added amino acids to promote muscle mass maintenance



Glycemic scale
High

Equi 13 TXT, Equi 14 TXT Textured sweet feed for horses

- Mix of oat, barley and corn that favors maintenance of body condition
- High starch content optimizes muscle glycogen recovery and post exercise recuperation
- Tasty ingredients make this complete feed appetizing to stimulate consumption



Equi13 also available in pellets



Glycemic scale
High

Oleo Complete textured molasses-free feed with oil

- High-quality oats, flaked barley and corn: optimize muscle glycogen recuperation
- Soybean oil: promotes weight gain
- Tasty ingredient: stimulates consumption



Breeding



Glycemic
scale
Controlled

Materna

Complete feed formulated for brood mares during pregnancy and lactation

- Sources of energy and highly digestible proteins that promote healthy fetal growth, milk production and weight maintenance during lactation
- High content of vitamins, minerals and minor elements including organic selenium facilitate absorption and transfer between brood mare and foal
- Essential amino acids and omega-3 fatty acids: promote healthy appearance and overall condition



Glycemic
scale
High

Materna TXT

Complete textured sweet feed for both foal and gestating or lactating mare

- Highly palatable feed that contains grains to stimulate consumption and to provide extra calories for lactation or growth
- High content of minerals and minor elements including organic selenium for a better absorption and transfer to foal
- Addition of lysine and soybean promotes healthy fetal growth and milk production



Glycemic
scale
Controlled

Develop

Complete feed for foals, up to 2 years of age

- Glycemic control and balanced mineral formula that promote healthy and regular growth
- Highly digestible protein sources and addition of essential amino acids to support muscle growth
- Nutritional support: yeast, flaxseed (sources of omega-3) and biotin for a healthy appearance and overall condition.

Mineral & Vitamin Supplements



Glycemic
scale
Very low

Tonix

Complete supplement of protein, minerals, vitamins and essential amino acids for ration balancing

- High vitamin and mineral content supports immune, reproductive and digestive systems and helps maintain tissue and bone integrity
- 13% protein plus essential amino acids promote muscle development
- Live encapsulated yeast to promote digestion and intestinal microflora balance



Glycemic
scale
Very low

EquiBalance

Concentrated top dress mineral and vitamin supplement. Formulated to be served in small quantities

- High vitamin and mineral content support immune, reproductive, and digestive systems and helps maintain tissue and bone integrity
- Essential amino acids promote muscle development and protein synthesis
- Live encapsulated yeast to promote digestion and intestinal microflora balance



Glycemic
scale
Very low

MetaBalance

Complete vitamin and mineral supplement for horses that require metabolic support

- Safe for horses with equine metabolic syndrome (EMS), insulin resistance (IR), PPID ("Cushing's syndrome") or PSSM type 1 ("Tying-up")
- Provides metabolic support and may play a role in the regulation of insulin and glucose
- Designed to be served only at a rate of 60g per day*



Glycemic
scale
Very low

EquiLibre

Complete vitamin and mineral supplement, in powder

- Helps meet daily needs and ensure the proper body functions of the animal
- Supports the immune system and physiological functions



Glycemic
scale
Very low

EquiBloc

Complete vitamin and mineral supplement, free choice

- High vitamin and mineral content to meet horses' daily requirements
- Ideal for free choice use in pastures or stalls

* 500kg adult horse



Specialized Supplement



Glycemic
scale
Very low

Topp40

Protein and essential amino acid supplement

- 40% of highly digestible vegetable protein: optimal precaecal assimilation
- Added essential amino acids promote muscle development and protein synthesis
- Ideal for use with low-protein forages or to enrich rations for brood mares, foals or horses in training



GastriBalance

Supplement formulated to balance the pH of the stomach and maintain normal gastric functions

- Buffers that act at different speed in the stomach to regulate the acid-base balance
- Fumaric acid and fenugreek: inhibit acid secretion and protect the lining of the stomach
- Prebiotics and probiotics: improve intestinal microflora and bind with pathogenic bacteria to eliminate them



TransiFlora

Supplement to maintain healthy intestinal microflora

- Mixture of prebiotics, yeast extract, essential oils, spices and botanical extracts both protect the digestive system from pathogenic organisms and promote the growth of microorganisms beneficial to good health
- Ideal for horses subject to chronic stress, in the context of important feed transitions such as grazing, or in case of antibiotic treatments or digestive disturbances



EquiSeO

100 % organic selenium and natural vitamin E supplement

- Helps maintain good health by supporting muscle functions
- Antioxidant effect that provides protection against free radicals and oxidative stress
- Ideal when selenium intake is inadequate in the daily diet or when recommended by the veterinarian



BioPod

Supplement to support hoof health

- High level of biotin helps maintain hoof integrity
- Rich in essential amino acids (methionine and lysine) for strong, healthy hoof structures
- Organic minerals (zinc, copper, manganese) for optimal absorption and healthy hoof growth

Did you know?

We offer custom feed formulation

Sollio Agriculture can develop and produce custom feed based on your equestrian centre's unique needs. Ask your Sollio Agriculture agri-advisor for more information.

Sollio Agriculture horse feed also sold in bulk

Helps you cut costs and significantly reduces handling time.

Quality and food safety are our priorities.

All Sollio Agriculture horse feeds and supplements are made from carefully selected plant ingredients and approved by the Canadian Food Inspection Agency. In addition, all products comply with the anti-doping tests required for equestrian competitions.





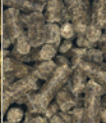

We are a CRF member

Sollio Agriculture is an active member of Cooperative Research Farms, an organization recognized worldwide for its research in animal nutrition.



















Sollio Agriculture plant in St-Romuald, QC, ProQuality certified.

Horse Feeds & Supplements Chart

	Feeds					
	Hay Substitute & All-in-One		Complete Feeds – Horses at Work & Weight Maintenance			
	EconoFoin	EquiComplete	LinoFibre	NutriFibre	Versa	Versa TXT
						
% Protein	12	12	14	13	14	14
% Fat	1	2	8	6	6	7
% Fibre	30	20	22	25	15	12
Caloric scale	+	++	++	++	+++	++++
Glycemic scale	Very low	Controlled	Very low		Controlled	Intermediate
New	Increased muscle support (≥ 0.5 mg/kg organic selenium)		•	•	•	•
	Optimized ingredients (Promotes digestibility and hindgut health)	•	•	•	•	•
	Fortified with vitamins and minerals		•	•	•	•
	B-complex vitamins		•	•	•	•
	100% organic selenium		•	•	•	•
	Added amino acids					
	Microencapsulated live yeast		•	•	•	•
	Source of omega-3s		•		•	
	Added biotin				•	
	No added grain or sugar	•		•		
	Grain extrusion					
	Hay substitute	•	•			

CALORIC SCALE: COMPARISON AMONG PRODUCTS + IS LOW AND +++++ IS HIGH

Horse Feeds & Supplements Chart

	Feeds										Supplements					
	Complete Feeds – Horses at Work & Weight Maintenance							Complete Feeds – Breeding			Protein	Minerals & Vitamins				
	Senior	HP	Perfo EXT	Turbo EXT	Oleo	Equi13 TXT Equi13	Equi14 TXT	Materna	Materna TXT	Develop	Topp40	Tonix	EquiBalance	MetaBalance	EquiLibre	EquiBloc
																
% Protein	14	14	13	14	14	13	14	16	16	17	40	13				
% Fat	7	10	12	12	7	3	3	5	3	7	2	2				
% Fibre	20	15	15	10	10	8	8	15	8	15	5	25				
Caloric scale	+++	++++	++++	+++++	++++	++++	++++	+++	++++	+++	++	++	+	+	+	+
Glycemic scale	Controlled			High				Controlled	High	Controlled	Very low					
New	Increased muscle support (≥ 0.5 mg/kg organic selenium)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Optimized ingredients (Promotes digestibility and hindgut health)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Fortified with vitamins and minerals	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•
B-complex vitamins	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•
100% organic selenium	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•
Added amino acids	•		•	•				•	•	•	•	•	•			
Microencapsulated live yeast	•	•	•	•				•		•		•	•			
Source of omega-3s	•		•	•				•		•						
Added biotin	•	•	•	•				•		•		•	•	•	•	•
No added grain or sugar											•	•	•	•		
Grain extrusion			•	•												
Hay substitute																

CALORIC SCALE: COMPARISON AMONG PRODUCTS + IS LOW AND +++++ IS HIGH

Do you have questions regarding the improved product line for horses from Sollio Agriculture?

Get the answers here



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