



garvo
professional food for animals

horses **and** ponies





Muesli or pellets?

Garvo has horse feed in muesli and pellet form. The outer appearance does not tell anything about the nutritional value of the feed. It is very important that the horse chews well to digest the feed optimally. Chewing releases enzymes in the mouth and stimulates the production of gastric and enteric juices. Garvo mueslis are rich in structure and contain whole grains to force the horse to chew better. Moreover, all products in the mix are clearly visible.

Everyone wants the best for their horses or ponies. This applies to professionals, to people who only ride for pleasure and to those who keep grazing horses to liven things up around the house. All horses need well-balanced food. The variety in breeds, the different phases and the many sports disciplines demand a fitting and conveniently arranged supply of horse feeds. Garvo has a broad range of horse feeds to supply your horses and ponies with the right nutrients in all situations.

recreational

Your horse is your buddy. Caring for your horse, giving and receiving attention, riding in the open air and walking together will give much enjoyment to you and your equine companion.

Recreational equine activities without the pressure of performing don't put a strain on horses. If horses don't work

more than four hours a week, **1040 alfamix horse** as feed in addition to roughage must be enough, especially if the horse is fiery tempered. Those who prefer pellets to muesli can give the **5005 condition pellet**. It is also possible to combine both feeds. Give horses 400 – 600 grams per 100 kilo of body weight.

Basic sport and riding school horses

The nutritional needs of horses may diverge greatly. The 'turning point' of requiring more than standard feed and/or quantities is usually around a daily activity of ½ to 1 hour. If the quantity of their work varies from day to day, you can increase the quantity of **alfamix horse** on days of physical strain. If you prefer pellets, give the **5002 active pellet**. Provide 400 - 600 grams per 100 kg of body weight every day.

Pastured horses

Pasture provides ample food for many months, but the quality is too poor to keep horses or ponies in perfect condition. If you don't supply their nutritional intake they must draw on their reserves, which is at the expense of their condition and resistance.

No matter whether your horse is warm-blooded or hardier inclined, always give additional feed to provide them with valuable health-protective substances. **1045 Alfamix pony** is the perfect supplement for them. The feed contains enough vitamins, minerals and fibre, and a low protein and energy content. If the pasture offers enough food and the horses are not active you can supply 200 - 500 grams of **alfamix pony** or **condition pellet** per 100 kg of body weight.

Horses at rest

Roughage and grass form the basic diet for horses and ponies at rest. Suitable concentrates will ensure the necessary supplement to the roughage without providing too much energy. **Alfamix pony** is very suitable for this purpose. If you prefer pellets, give them **condition pellet**.

Quantity of the feed

The quantity of the feed is an issue most discussed when horse feed is concerned. Horse owners all too often give too few concentrates for fear of making the horse too fiery, or causing tying up or moisture accumulation in the legs. However, these problems will not occur if their diet is well-balanced with a relatively low content of carbohydrates. Just follow the recommended quantities. Add 1 kilo of roughage, such as richly structured hay, and provide an abundance of straw. And always keep an eye on the condition of your horse or pony.







Both feeds ensure proper digestion and high resistance, and promote a lean quality of the legs and a beautiful and shiny coat. The necessary quantity depends on the breed and the quantity of roughage provided. Guideline: supplement their diet with about 300 - 600 grams of **alfamix pony** or **condition pellet** per 100 kilo body weight every day.

Hardy breeds

Almost all hardy horses and ponies, such as the Haflinger, Norwegian Fjord and Icelandic horse and the Shetland pony, have a very alert digestive system that takes the maximum from food. They will easily fatten when overfed but their vitamin and mineral intakes are not sufficient if no concentrates are given. This is

why Garvo developed the **alfamix pony** for hardy horses and ponies. The mix contains less protein and less energy and more crude cellulose, sufficient minerals and vitamins in a well-digestible form. No need to worry about your equine friend getting fat with **alfamix pony**. On the contrary, they will develop healthy muscles and the legs become hardy. Feed them daily with 500 grams of **alfamix pony** per 100 kilo body weight; in summer in addition to rough grass, in winter in addition to rough hay. Those who prefer feeding pellets, can give them **condition pellet**. Food problems in horses with a low energy demand will be a thing of the past. Give them fresh straw, too, as this important source of crude cellulose is a must for these animals.





sport

Garvo developed for sport horses
230 **fyto gold**. **Fyto gold** ensures that your horse is in optimum condition and will continue performing better and better. This is because Garvo sees horses as first-class athletes.

Health is a prerequisite for top performances. Health is all about resistance, and a high natural resistance is related to optimum digestion. To give the best support to digestion, **fyto gold** is supplemented with an intestine protector to boost the digestion of nutrients.

A second requirement is the availa-

ble energy. An empty tank during a game means the end of the performance; a too full tank forms ballast. A competition makes heavy demands on the horse's body; it must function perfectly to put up the best performance and must therefore dispose of all necessary nutrients.

Fyto gold provides exactly the right building material and the right fuel. What makes **fyto gold** unique is the combination of different oils.

The feed has a complete pattern of amino and fatty acids and is composed of various vegetable oils and added lecithin. The latter works as an

emulsifier which combines both with fat and water to ensure that the fat is used as fuel. This makes that horses can use high levels of fat from their feed without a problem. It guarantees a durable source of energy with minimum muscle acidification; and less acidification means less tiredness.

Fats and acidification

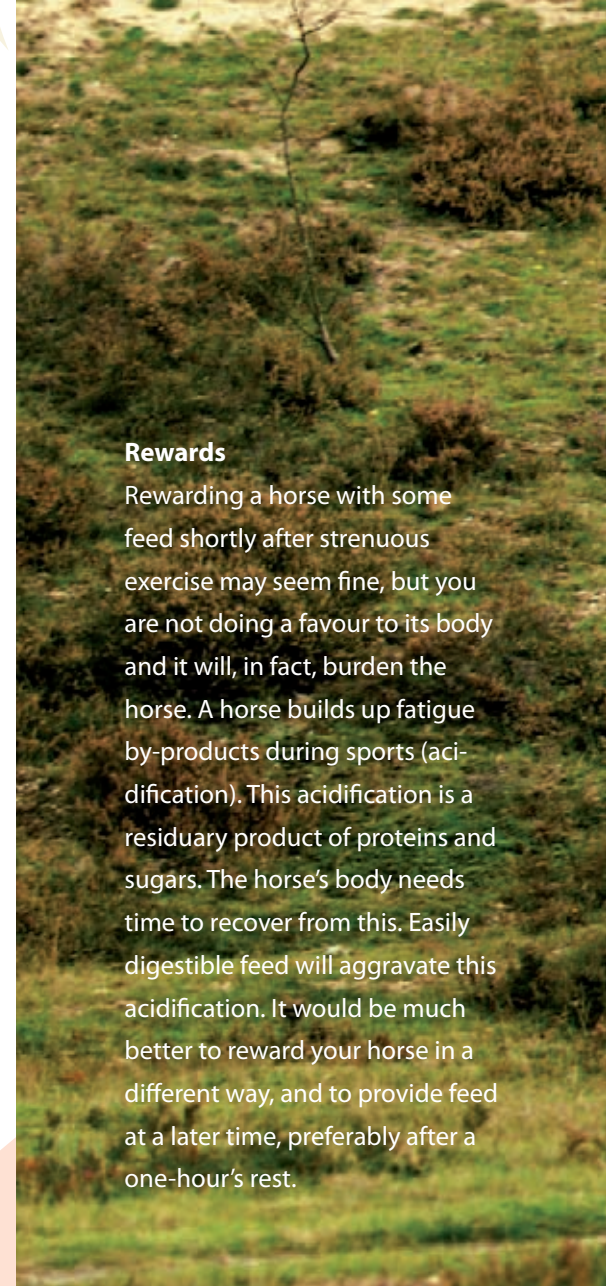
Those who want their horses to perform in endurance sports must ensure that the horse's muscles build up acid as late as possible. When there is an acidic build-up in the muscles, there is no chance of a good performance as the muscles tie up. A unique feature of **fyto gold** is that tying-up will take place much later than usual.

The most important sources of energy for your horse are carbohydrates and fats. Usually, a horse can perform for maximally four minutes with energy from carbohydrates, and then the

horse changes to using other sources of energy. The fats are used first. Once the fat reserve is depleted, character horses will burn the proteins in their body. Then the damage is done, as this breaks down the body and recovery will take much longer than when the horse has sufficient sources to combust (fats). It works like this: compare the combustion of fat with the combustion of oil, and carbohydrate and protein combustion with burning wood. Burning oil leaves almost no residues, but burning wood produces ashes (lactic acid). This comparison can be carried further: the burning of carbohydrates and proteins will induce acidification in a horse. Horses with enough supply of fats to perform well will acidify slower than horses that must deplete their body proteins. This means that in endurance sports fats are the major source of energy. However, providing fats requires knowledge of the equine digestive system. The horse does not

Rewards

Rewarding a horse with some feed shortly after strenuous exercise may seem fine, but you are not doing a favour to its body and it will, in fact, burden the horse. A horse builds up fatigue by-products during sports (acidification). This acidification is a residuary product of proteins and sugars. The horse's body needs time to recover from this. Easily digestible feed will aggravate this acidification. It would be much better to reward your horse in a different way, and to provide feed at a later time, preferably after a one-hour's rest.







Sports and feeding

Wait with riding (working) for at least one hour after feeding your horse, and wait with feeding for one hour after the ride. The reason: when a horse is going to digest the feed, blood is extracted from the muscles to transport the nutrients to the internal organs. This makes that a horse has too little blood in the muscles for putting up a performance after being fed, with acidification as a result. The blood transport will reach its normal level after about one hour.



have a gallbladder which makes that he usually cannot digest more than four to five percent of fat. But as said before, thanks to the lecithin in **fyto gold** your horse will be able to digest higher fat contents.

Endurance sports

The delayed acidification induced by **fyto gold** is very important in endurance sports, like combined driving, eventing, endurance and dressage with intensive training. A horse that is provided with fyto gold has more stamina. Give 1 kilo of **fyto gold** per 100 kilo body weight every day in addition to richly structured hay and plenty of fresh straw. If you prefer feeding pellets or cubes instead of muesli, take the **5002 active pellet**. **Active pellet** is a performance pellet for horses and ponies that must regularly perform labour. The high share of grains in **active pellet** ensures energy to be quickly available, and the quantity of minerals

and vitamins in the pellet is tailored to the needs of these horses. **Active pellet** can be a feed concentrate in all disciplines of equestrian sports.

Shows and inspections

Any owner taking his horses to shows or inspections knows that appearance is very important. When horses get the right feed they will develop good muscling, and have a lean quality of the legs and a shiny coat. The obvious means to achieve this is with **fyto gold**.

Tying up and hot character

As the fats in **fyto gold** are uniquely used it will be the feed par excellence for horses who are prone to acidification symptoms such as tying-up or the Monday disease. As **fyto gold** has a low carbohydrate content, it is a godsend for horses that are too fierce or too high spirited, but also for stressed or nervous horses.

stud farms

No matter whether it is a foal with an impressive bloodline or the offspring of your recreational horse, everyone loves to see lively foals grow up. And you will have more chance for good results with proper care and the best feed.

Mares in foal

Mares will need more nutrients for their foetus in the last four months of gestation. 5001 Care pellet is a pellet both for mares and for foals and contains dairy proteins which are easily assimilated in the mother's body. Care pellet guarantees a solid development of the embryo. The lactation period demands much from the mother. Continue to provide care pellet to the mare after foaling. If this is combined with plenty

of water, the mother will have an uncomplicated milk production. Feed care pellet from the eighth month of gestation, and gradually increase the quantity to 750 grams per 100 kilo of body weight in the last month of gestation and during lactation.

Foals

Care pellet is feed for foals in their first year of life from the time that they start eating other feed besides mother's milk. Care pellet is a pellet that contains all important building materials for the foal's perfect development and for strong bones. The pellet provides easily digestible nutrients and stimulates the development of the digestive system. Provide care pellet whenever needed.





The development of the foal's body is of paramount importance between the first and the second year of its life.

Feed the foal with half **care pellet** and half **1040 alfamix horse** in this period.

Those who prefer giving pellets, can give **active pellet** instead of **alfamix horse**.

Give a total of 1 kilo feed per 100 kilo body weight every day.

Stud-horses

Healthy breeding stallions provide healthy sperm. Proper fertility, sperm quality and condition are interrelated with sufficient exercise and suitable nutrition. The advanced composition of **alfamixes** ensures health from within.

Garvo recommends **alfamix horse** for warmbloods and **1045 alfamix pony** for coldbloods.

nutrition and health

Even if the feed is well-balanced, when a horse cannot assimilate it completely, a part will be wasted. The equine digestive system must work optimally to assimilate all nutrients. Horses may suffer from various problems, but the cause can often be found in their digestion. This can be easily treated and often be prevented.

Condition problems and restoring it

Garvo advises to restore a healthy condition of your horse or pony as soon as possible. After an illness or after a general poor condition or bad hoofs it is paramount to provide sufficient vitamins and minerals continuously. With **230 fyto gold** you will see improvement in no less than three weeks. Provide good quanti-









ties, about 1 kilo per 100 kilo body weight in addition to unlimited fibrous hay. Overweight horses must lose weight in a responsible way. Fat must be replaced by lean muscles. To achieve this, the horse needs exercise and the right nutritious substances. For this, **fyto gold** is the most suitable feed; it stimulates the combustion of fats and contributes to the growth of muscles. It may seem inconsistent, but a horse that must decrease weight must have enough food of the right quality! Advice: give a daily ration of 600 - 800 grams per 100 kilo bodyweight. The fat will gradually disappear and the horse will be lean-muscled. The development of muscles is also needed in skinny horses, and **fyto gold** will give good results. The effect will of course also depend on the roughage provided. Give textured hay and put abundant amounts of fresh straw within reach.

Intestines in good condition

No matter how well balanced the diet is, when the intestines are not in full working

order it will be hard to keep your horse healthy. The intestines must digest the feed well. **9521 Fyto intestine improver** is a powder to be sprinkled over the feed. It is a product with a broad scope of effects and stimulates your horse's digestive system from mouth to anus (the beginning to end). It encourages proper gut function which may remedy most problems in horses 'automatically'. It does not combat the symptom, but tackles the cause. Give **fyto intestine improver**:

- | when it is hard to restore the horse's condition
- | when the horse shows a failing digestion (intestinal activity)
- | for a speedier recovery after an illness
- | for speeding up moulting
- | for preventing allergies or itching
- | for preventing stress and tension
- | when a great effort has been put in

Roughage and straw

A horse needs much fibre to keep its digestive system filled and to help

valuable micro-organisms (bacteria) survive. This makes varied fibre-rich and long-stemmed hay the most suitable roughage. It is not wise to give silage; silage has been hermetically packed and has been fermented. Equine intestines must do all the work themselves and may become 'lazy' when handling much silage. And a lazy gut function is less suitable to digest very important nutrients, such as vitamins, minerals and micronutrients. When the horse is put out to pasture give it 1 kilo of hay per 100 kg body weight every day.

Straw as feed

Straw as stable litter is to be preferred to all other stable litters. A horse has no gall bladder but secretes amounts of bile in gradual stages but directly into the small intestine. As an empty intestine irritates, the horse must have a bite of straw at night to keep the gut filled. If you cannot put the horse on straw, put a layer of straw in the manger next to hay, or put it on the floor. A horse that can nibble straw at any time usually has a better metabolism. Give fresh straw every day, even when it is used as litter.





productanalyses

	1040 alfamix horse	1045 alfamix pony	5005 condition pellet	5002 active pellet	5001 care pellet	230 fyto gold
Substances in %						
crude protein	11,4	9,9	10,3	11,6	14,7	11,6
crude fat	6,7	6,4	3,0	3,2	4,4	6,9
crude fibre	10,1	15,1	15,7	10,1	11,3	13,3
crude ash	8,0	9,0	8,7	7,3	8,4	9,4
calcium	1,01	1,09	0,91	0,88	0,90	1,20
phosphor	0,57	0,51	0,45	0,40	0,49	0,55
potassium	0,75	0,77	0,67	0,71	1,08	0,78
added per kg						
vitamin A	15.000IE	12.685IE	12.500IE	12.500IE	13.250IE	14.000IE
vitamin D3	2.185IE	1.883IE	2.500IE	2.500IE	2.575IE	1.400IE
vitamin E	163mg	139mg	100mg	100mg	118mg	250mg
vitamin K	2mg	2mg	1mg	1mg	1mg	3mg
vitamin B1	7mg	6mg	2mg	2mg	2mg	9mg
vitamin B2	8mg	7mg	4mg	4mg	4mg	10mg
vitamin B3	4mg	3mg	3mg	3mg	3mg	3mg
vitamin B5	20mcg	20mcg	20mcg	20mcg	20mcg	20mcg
vitamin B6	40mg	35mg	50mg	50mg	53mg	22mg
vitamin B12	6mg	5mg	6mg	6mg	6mg	4mg
vitamin C	610mcg	491mcg	150mcg	150mcg	150mcg	1000mcg
folin	125mg	120mg	200mg	200mg	300mg	338mg
biotine	26mg	21mg	8mg	8mg	8mg	37mg

1040 alfamix horse (with apples & herbs) tasty muesli for horses and warmblood ponies

1045 alfamix pony (without oats, low in protein) tasty muesli for ponies, coldbloods or heavy horses, high spirited horses and horses at rest

5005 condition pellet 8mm cube for maintenance and light exercise

5002 active pellet 8mm cube for recreation and sports

5001 care brok 5mm pellet for mares and foals

230 fyto gold muesli for (top-class) sport horses





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