



## ReVital Cubes

### Special Feed

### Feed supplement for horses and ponies

Should the vet diagnose diseases such as laminitis, azoturia, Cushing's or Polysaccharide Storage Myopathy, a special diet is needed. A cause of these and similar diseases are metabolic blockages in varying degrees. Very often, this can be traced back to excessive quantities of carbohydrates in the diet from cereals such as oats, barley, maize or spelt, and to obesity, which is in affected horses often linked to such a diet. Also with horses on grass livery, carbohydrates are often to blame for such diseases. Contrary to popular belief, that too much protein is the cause of laminitis, the carbohydrate related fructose is the main trigger. For the prevention and rehabilitation of these mentioned diseases, or to treat consequential problems, experts recommend, alongside sufficient daily exercise, a special feeding regime with the lowest possible levels of starch and sugar. ReVital Cubes contain no cereals. All the necessary energy comes from the high-quality, easily digestible rice bran, which contains fat. The vastly more effective energy derived from the digestion of rice bran, contrary to that from carbohydrates, de-stresses the already overloaded metabolism. Surplus starches which remain in the cereals after digestion, and which are unusable energy for the horse, overload the large intestine. Therefore, the horse needs considerably less feed to provide the animal with the same amount of digestible energy. By feeding high-value fats instead of cereals, the body is actively encouraged to burn its own fat reserves. Therefore, the horse gets more energy from the breakdown of the fatty deposits, and risk of obesity diminishes. This concentrated energy is provided by the fatty rice bran and is readily accepted as a tasty feed. When using ReVital Cubes as a single hard feed, the amount fed can be measurably reduced. Rice bran is particularly regarded for its low, but high-quality level of protein, which is enriched with essential amino acids in ReVital Cubes. The high levels of vitamins and minerals in ReVital Cubes are optimally balanced to fit the needs of affected horses when being fed in lower quantities. A special mix of herbal substances ensures at the same time the harmonisation of metabolic process.



The benefits at a glance:

- starch and sugar reduced
- beneficial to horses with a sensitive digestive system or metabolic diseases such as Cushing's, Polysaccharide Storage Myopathy, Equine Metabolic Syndrome and laminitis
- with high-quality, easily digestible rice bran
- demand-optimised ratio of trace elements
- with ideal mineral and vitamin content

### Recommended feeding:

### Feeding recommendation:

Horses and ponies in light work should receive approx. 200 g per 100 kg of body weight per day together with sufficient, preferably late harvested hay.



Horses who, after a period of rehabilitation, are back in full work, might need up to 300 g per 100kg body weight per day for sufficient energy supply. Such an increase of the ration should only be undertaken when the horse has no longer any visible fat reserves.

With smaller quantities, we recommend adding a mineral supplement. Horses with dental problems, hasty eaters or older horses should always receive pelleted feed in soaked form.

**Composition:** 29,0 % Rice husk bran, 28,0 % Fruit (apple) pomace dried, 18,0 % Lucerne meal, 10,0 % Linseed meal, 6,2 % Lignocellulose, 3,7 % Sugar beet molasses, 2,5 % Calcium carbonate, 1,1 % Sodium chloride, 0,1 % Dandelion, 0,1 % Gingko leaves, 0,1 % Hawthorn leaves, 0,1 % Milk thistle herb, 0,1 % Artichoke

Digestible protein (dCP): 89,7 g/kg  
prececal digestible protein (pcvRp): 75,9 g/kg  
Digestible energy (MJ DE): 9,5 MJ DE/kg  
Metabolizable energy (MJ ME): 8,2 MJ ME/kg

**Analytical constituents and levels:** 11,40 % Crude protein, 5,50 % Raw fat, 18,20 % Crude fibre, 11,00 % Crude ash, 1,80 % Calcium, 0,60 % Phosphorus, 0,50 % Sodium, 0,30 % Magnesium, 6,20 % Starch, 7,20 % Sugar

**Additives per kg:** 21.000 I.E. Vitamin A (3a672a)<sup>NA</sup>, 2.000 I.E. Vitamin D3 (3a671)<sup>NA</sup>, 500,00 mg Vitamin E (3a700i)<sup>NA</sup>, 100,00 mg Vitamin C (3a312)<sup>NA</sup>, 20,00 mg Vitamin B1 (3a821)<sup>NA</sup>, 20,00 mg Vitamin B2 (3a825i)<sup>NA</sup>, 20,00 mg Vitamin B6 as pyridoxine hydrochloride (3a831)<sup>NA</sup>, 50,00 mg Niacin (3a314)<sup>NA</sup>, 40,00 mg Calcium D pantothenate (3a841)<sup>NA</sup>, 650,00 mcg Biotin (3a880)<sup>NA</sup>, 7,50 mg Folic acid (3a316)<sup>NA</sup>, 250,00 mg Choline chloride (3a890)<sup>NA</sup>, 210,00 mg Iron (3b103) (iron (II) sulphate, monohydrate)<sup>NA</sup>, 175,00 mg Manganese (3b502) (manganese (II) oxide)<sup>NA</sup>, 290,00 mg Zinc oxide (3b603)<sup>NA</sup>, 50,00 mg Copper (3b405) (copper (II) sulphate, pentahydrate)<sup>NA</sup>, 0,90 mg Selenium (3b801) (sodium selenite)<sup>NA</sup>, 2,10 mg Calcium iodate, anhydrous (3b202)<sup>NA</sup>, 1.994,00 mg Propionsäure aus Calciumpropionat (1a282)<sup>TA</sup>

NA = Nutritional additives  
ZA = Zootechnical additives  
TA = Technological additives  
SA = Sensory additives

