KELPIES®
GALICIAN HORSE FEED

Simplifying horse feed

SLOW ENERGY

High quality muesli food in muesli format with extruded cereal flakes for competing horses who need a constant, durable energy supply.
Rich in highly digestible proteins which, paired with the essential amino acids contained, promote adequate muscular development.
Inclusion of soy oil and super-fibres (like beet pulp) provides slow-release energy, which allows reducing starch proportions to avoid nervousness caused when it is found in increased dietary amounts. Oat-free formula.
Designed with Omega-3 and Omega-6 fatty acids thanks to the combination of vegetable soy oil with extruded linseed. These fatty acids have an essential role in maintaining the immune system, they reinforce skin protection and coat quality, and guarantee correct function of certain hormonal systems.
Contains highly bioavailable vitamins, minerals, and trace elements, with significant contribution of B-complex vitamins, especially those related to energy metabolism that, paired with digestibility improvers, maximize nutrient absorption, optimize digestive health by minimizing risk of nutrition-related pathologies, and prevent irritability that can lead to nervousness in horses.

Increased antioxidants contribution, which ease muscle recovery after exercise.

Plus, all our food products are enriched with: With Technology Alltech®

Yea-Sacc® technology (live *Saccharomyces cerevisiae* yeast) provides different benefits to our compounds:

- ✓ Promotes stabilisation of the horse's intestinal microflora and improves dietary nutrient digestion.
- ✓ Improves pH balance maintenance in the hindgut, favouring fibre digestion.
- ✓ Reduces the risk of digestive upset related to high starch contents.

MOS yeast's cellular wall - *Actigen®* Prebiotic is a unique bioactive second-generation product derived from *Saccharomyces cerevisae* with three different effects:

- ✓ Traps pathogenic bacteria in the intestine, aiding prevention of digestive balance disruptions.
- ✓ Increases expression of genes related to the integrity of the digestive epithelium. A healthy digestive epithelium enhances nutrient digestion and avoids entrance of bacterial subproducts.
- ✓ Immunoregulator: increases immune activity in the horse in both humoral and cellular systems.

Contains *Synergen®,* a product of the solid-state fermentation of *Aspergillus niger* with residual enzymatic activity; outstanding activity of amylase, beta-glucanase, xylanase, and other fibrolytic and proteolytic enzymes.

- ✓ Better protein and energy uptake from both fibre and starches.
- ✓ Less undigested nutrients reaching the hindgut.

Designed with *Bioplex®* technology: organic source of chelated microminerals (iron, zinc, copper, and manganese) as proteinates. Microminerals are extremely important to metabolism and for the musculoskeletal system, thus it is vital to ensure adequate bioavailability.

- ✓ Optimal maintenance of bone density in foals and adult horses.
- ✓ Optimal epithelium quality, both skin and digestive epithelium.
- ✓ Maximal iron availability for haemoglobin and myoglobin synthesis, which facilitates oxygen transport and, thus, boosts sport performance in horses.
- ✓ Correct hoof development.
- ✓ Correct functioning of the antioxidant system.
- ✓ Favours immune system's function in animals, especially during stress-triggering situations (shows, transportation, strenuous exercise, etc.).

Sel-Plex® is a micromineral obtained from a yeast. Selenium is a crucial part of the antioxidant system of the horse and, since an important oxidative metabolism develops during exercise, it is essential for this mineral to be available in adequate volumes.

- ✓ Optimal antioxidant system.
- ✓ Favours muscular integrity and recovery after physical efforts.
- ✓ Optimizes functions of the immune and reproductive systems.

Composition

4.1.10 Dried (sugar) beet pulp
2.18.5 Soya (bean) hulls (**)
1.2.2 Maize flakes (*)
5.4.1 Apple pulp, dried
1.1.4 Barley flakes
2.18.3 Soya (bean) meal (**)
2.19.1 Sunflower seed
1.11.1 Wheat
2.8.2 Linseed expeller
2.20.1 Vegetable oil and fat (soya) (**)
6.10.2 Lucerne field dried
1.1.1 Barley
7.6.1 (Sugar) cane molasses
1.11.7 Wheat bran,
3.11.3 Pea flakes
2.19.2 Sunflower seed expeller
11.1.1 Calcium carbonate
11.4.1 Sodium chloride
1.2.1 Maize (*)
8.17.1 Whey/whey powder
11.3.1 Dicalcium phosphate
11.4.2 Sodium bicarbonate
11.2.1 Magnesium oxide
12.1.12 Yeasts products (Saccharomyces cerevisiae),
12.2.6 By-product of enzyme production with Aspergillus niger

Analytical constituents

Crude protein	13,00	%
Dig. crude protein	91,00	gr/kg
Crude fats	9,00	%
Crude fibre	13,00	%
Crude ash	6,58	%
Sodium	0,35	%
Calcium	1,10	%
Phosphorus	0,36	%
Magnesium	0,23	%
Potassium	0,86	%
Starch	18,30	%
Sugar	4,90	%
Lysine	0,69	%
Methionine	0,28	%
Threonine	0,47	%
Tryptophan	0,15	%
Omega 3	1,70	%
Omega 6	0,36	%
Energy (DE)	3.150,00	Mcal
Energy (DE)	13,19	MJ/kg
Energy (Ewpa)	0,92	Ewpa

Additives (/ kg. Of product)

Vitamins, provitamins and substitutes chemically defined analog effect

(3a672a) Vitamin A (Retinol Acetate)	12.000,00	U.I.
(3a671) Vitamin D3	2.400,00	U.I.
(3a700) Vitamin E	320,00	mg.
(3a711) Vitamin K3	1,00	mg.
(3a821) Vitamin B1 Thiamine Mononitrate	10,00	mg.
Vitamin B2	6,00	mg.
(3a831) Vitamin B6 Pyridoxine Hydrochloride	6,00	mg.
B12 vitamin	0,05	mg.
(3a880) Biotin	0,80	mg.
(3a315) Niacinamide	30,00	mg.
(3a841) Calcium D-Pantothenate	15,00	mg.
(3a316) Folic Acid	6,00	mg.
(3a890) Chloride Hill	250,00	mg.
(3a312) Vitamin C	200,00	mg.

Trace elements or trace element compounds

(3b107) Iron (iron chelate (II) of protein hydrolysates)	50,00	mg.
(3b103) Iron (iron (II) sulfate heptahydrate)	50,00	mg.
(3b202) Iodine (anhydrous calcium iodate)	0,50	mg.
(3b301) Cobalt (Co (II) acetate tetrahydrate)	0,30	mg.
(3b407) Copper (copper chelate (II) from protein hydrolysates)	20,00	mg.
(3b405) Copper (copper sulphate (II) pentahydrate)	20,00	mg.
(3b505) Manganese (manganese chelate of protein hydrolysates)	40,00	mg.
(3b503) Manganese (manganese sulfate monohydrate)	40,00	mg.
(3b612) Zinc (zinc chelate of protein hydrolysates)	75,00	mg.
(3b605) Zinc (zinc sulfate monohydrate)	75,00	mg.
(3b8.10) Selenium (organic form of selenium produced by Saccharomyces cerevisiae CNCM I-3060)	0,20	mg.
(E8) Selenium (Sodium Selenite)	0,20	mg.

Digestive

(4a1704) Saccharomyces cerevisiae CBS 493.94	35,00	10*9ufc

Chelated minerals
Organic from of Selenium

Feeding advice: never feed more than 3 kg of concentrate in a sole ration and do not feed forage until 2 hours after concentrate consumption, for maximal advantage and better digestibility of the product.

KELPIES®

DOSAGE According to adult horse's weight and body condition

Daily recommended quantity (kg)	Moderate activity (Kg/day)
200	0,80
400	1,60
600	2,40

Daily recommended quantity (kg)	Intense activity (Kg/day)
200	1,30
400	2,60
600	3,90