



Simplifying horse feed

FOALS

Top quality muesli from selected raw materials to maximize genetic potential of foals from 3 months to 15-18 months of age, promoting an optimal musculoskeletal development. Presented in small-diameter pellets together with flakes and extrudates, ensuring adequate homogeneity of the mix, which is easy to chew and prevents impaction at oesophageal levels.

Rich in easy-to-absorb essential amino acids thanks to the incorporation of highly digestible proteins. Reinforced with lysine and methionine.

Formulated with highly digestible super-fibres that deliver slow-release energy.

Adequate calcium-phosphorus balance for correct bone development.

Rich in folic acid and pantothenic acid.

Designed with highly bioavailable vitamins, minerals, and trace elements.

Plus, all our food products are enriched with 

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 cerevisiae* 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.

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

1.2.2 Maize flakes (*)
 1.1.4 Barley flakes
 2.18.3 Soya (bean) meal (**)
 1.1.1 Barley
 2.18.5 Soya (bean) hulls (**)
 4.1.10 Dried (sugar) beet pulp
 1.4.1 Oats
 1.11.1 Wheat
 6.10.2 Lucerne field dried
 1.11.7 Wheat bran,
 3.11.3 Pea flakes
 2.19.1 Sunflower seed
 7.6.1 (Sugar) cane molasses
 2.20.1 Vegetable oil and fat (soya) (**)
 2.19.2 Sunflower seed expeller
 5.4.1 Apple pulp, dried
 2.8.2 Linseed expeller
 1.2.1 Maize (*)
 11.1.1 Calcium carbonate
 11.4.1 Sodium chloride
 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	17,00	%
Dig. crude protein	130,00	gr/kg
Crude fats	4,70	%
Crude fibre	8,90	%
Crude ash	7,00	%
Sodium	0,35	%
Calcium	1,10	%
Phosphorus	0,58	%
Magnesium	0,26	%
Potassium	1,00	%
Starch	27,00	%
Sugar	5,70	%
Lysine	0,99	%
Methionine	0,35	%
Threonine	0,68	%
Tryptophan	0,20	%
Omega 3	1,10	%
Omega 6	0,15	%
Energy (DE)	3.100,00	Mcal
Energy (DE)	12,98	MJ/kg
Energy (Ewpa)	0,90	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	300,00	mg.
(3a711) Vitamin K3	1,10	mg.
(3a821) Vitamin B1 Thiamine Mononitrate	8,00	mg.
Vitamin B2	5,50	mg.
(3a831) Vitamin B6 Pyridoxine Hydrochloride	4,50	mg.
B12 vitamin	0,04	mg.
(3a880) Biotin	0,62	mg.
(3a315) Niacinamide	22,00	mg.
(3a841) Calcium D-Pantothenate	10,90	mg.
(3a316) Folic Acid	5,00	mg.
(3a890) Chloride Hill	700,00	mg.
(3a312) Vitamin C	120,00	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.
(3b810i) Selenium (inactivated selenized yeast <i>Saccharomyces cerevisiae</i> CNCM I-3060)	0,24	mg.
(3b802) Selenium (coated granulated sodium selenite)	0,24	mg.

Digestive

(4a1704) <i>Saccharomyces cerevisiae</i> CBS 493.94	35,00	10*9ufc
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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.



DOSAGE Quantities

are indicative and can vary depending on complementary forage quality and animal temper.

Body weight	Kg /day
200	2,50
250	3,00
300	3,50
350	4,00
400	4,50

