



Simplifying horse feed

MARE & FOAL

Top quality muesli from noble raw materials for mares in their last trimester of gestation and lactating mares, foals from 1 to 3 years of age, and adult horses that have access to a forage with a low protein content.

Formulated with highly digestible proteins rich in essential amino acids: with extra reinforcement of lysine and methionine. Protein percentage covers the requirements of pregnant mares, guarantees production of amino acid rich milk, and ensures an optimal musculoskeletal development in foals without causing rapid growth that could trigger pathologies.

Excellent contribution of highly bioavailable vitamins and minerals. Supplementary contribution of folic acid and pantothenic acid.

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	15,00	%
Dig. crude protein	110,00	gr/kg
Crude fats	4,10	%
Crude fibre	10,60	%
Crude ash	7,20	%
Sodium	0,32	%
Calcium	1,23	%
Phosphorus	0,50	%
Magnesium	0,32	%
Potassium	0,85	%
Starch	27,70	%
Sugar	4,50	%
Lysine	1,02	%
Methionine	0,23	%
Threonine	0,50	%
Tryptophan	0,19	%
Omega 3	0,78	%
Omega 6	0,11	%
Energy (DE)	2.980,00	Mcal
Energy (DE)	12,48	MJ/kg
Energy (Ewpa)	0,87	Ewpa

Additives (/ kg. Of product)

Vitamins, provitamins and substitutes chemically defined analog effect

(3a672a) Vitamin A (Retinol Acetate)	12.500,00	U.I.
(3a671) Vitamin D3	2.500,00	U.I.
(3a700) Vitamin E	375,00	mg.
(3a711) Vitamin K3	1,25	mg.
(3a821) Vitamin B1 Thiamine Mononitrate	12,50	mg.
Vitamin B2	7,50	mg.
(3a831) Vitamin B6 Pyridoxine Hydrochloride	7,50	mg.
B12 vitamin	0,06	mg.
(3a880) Biotin	1,00	mg.
(3a315) Niacinamide	37,50	mg.
(3a841) Calcium D-Pantothenate	18,75	mg.
(3a316) Folic Acid	7,50	mg.
(3a890) Chloride Hill	312,50	mg.
(3a312) Vitamin C	250,00	mg.

Trace elements or trace element compounds

(3b107) Iron (iron chelate (II) of protein hydrolysates)	62,50	mg.
(3b103) Iron (iron (II) sulfate heptahydrate)	62,50	mg.
(3b202) Iodine (anhydrous calcium iodate)	0,63	mg.
(3b301) Cobalt (Co (II) acetate tetrahydrate)	0,38	mg.
(3b407) Copper (copper chelate (II) from protein hydrolysates)	25,00	mg.
(3b405) Copper (copper sulphate (II) pentahydrate)	25,00	mg.
(3b505) Manganese (manganese chelate of protein hydrolysates)	50,00	mg.
(3b503) Manganese (manganese sulfate monohydrate)	50,00	mg.
(3b612) Zinc (zinc chelate of protein hydrolysates)	93,75	mg.
(3b605) Zinc (zinc sulfate monohydrate)	93,75	mg.
(3b810i) Selenium (inactivated selenized yeast <i>Saccharomyces cerevisiae</i> CNCM I-3060)	0,25	mg.
(3b802) Selenium (coated granulated sodium selenite)	0,25	mg.

Digestive

(4a1704) <i>Saccharomyces cerevisiae</i> CBS 493.94	43,75	10*9ufc
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Chelated minerals

Organic form 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.

Gestating mares:

0,5 to 1,0 kg for each 100 kg of body weight, depending on forage quality and body condition

Lactating mares and foals:

1,0 to 1,2 Kg for each 100 kg of body weight, depending on forage quality and body condition

