

# HORSE VETLINE

*Recommended by vets.*



**Fitness and  
Success for  
your Horse**

[www.horse-vet-line.com](http://www.horse-vet-line.com)

GB 160503

■■■■ **PROVITA  
SUPPLEMENTS**

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■■■■ **PROVITA  
SUPPLEMENTS**

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## **Dear Horse Breeders and Horse Owners,**

*Recent findings in veterinary medicine set new standards for an optimal supply of horses with essential nutrients, minerals and vitamins. Rations consisting solely of hay and grains are unlikely to meet these nutritional needs adequately, but finding the best supplementation is difficult.*

*Nutrient requirements vary greatly, depending on age, husbandry and performance of the individual horse. Feeding for optimal performance requires specific knowledge of the metabolism and digestive processes. An oversupply of nutrients can cause as much harm as a deficiency.*

*Dr. Albrecht Wehr is a veterinarian who works as an equine specialist in his own practice. In addition to his veterinary qualification, he holds a degree in animal production from the agricultural faculty of Kiel University. Together with Dr. Wehr, Provita Supplements has developed a highly specific product line that is based on the most recent findings in research and veterinary practice. A “new generation” of biologically highly potent trace elements completes this unique range.*

*The Horse Vet Line minerals and vitamins are designed for the different requirements of breeding horses (Horse Vet Line Zucht), raising of young horses (Horse Vet Line Junior), leisure horses (Horse Vet Line Basic) or sports horses (Horse Vet Line Sport). The licks (Horse Vet Line Lick and Horse Vet Line Leckstein) complete the range.*

*Horse Vet Line products help owners keep their animals fit and healthy for as long as possible; this includes high-performing competition horses as well as leisure horses and even young foals.*

*Your Provita Supplements Team*



Photo: Janne Bugtrup



Photo: Janne Bugtrup



Photo: Vicky Kasala

**Ingredients**

Calcium	12 %
Phosphorus	3 %
Sodium	4 %
Magnesium	2 %

**Additives per kg**

Iron	1,000 mg	Vitamin D3	40,000 IU
Zinc	2,500 mg	Vitamin E	5,000 mg
Manganese	1,000 mg	Vitamin B1	150 mg
Copper	500 mg	Vitamin B2	300 mg
Selenium	10 mg	Vitamin B6	100 mg
Iodine	20 mg	Vitamin B12	500 mg
Cobalt	10 mg	Niacin	1,000 mg
Choline chloride	500 mg	Folic acid	50 mg
Vitamin A	500,000 IU	Biotin	10,000 mcg

**Horse Vet Line Basic**

Minerals, vitamins and trace elements formulated to meet requirements

- Guarantee the basic supply for resting and light-working horses
- Promote fitness and prevent deficiencies
- Ensure good hoof horn quality and a healthy coat

Rations consisting of hay, silage, and grains as they are usually fed to horses do not contain sufficient calcium to ensure an optimal supply. This also applies to phosphorus, magnesium, and sodium.

The wide calcium to phosphorus ratio of 4:1 in *Horse Vet Line Basic* is extremely well suited to balance the usually low calcium content of cereal and forage rations and therefore meets basic veterinary requirements.

*Horse Vet Line Basic* contains additives of trace elements and vitamins, which are essential for numerous metabolic enzymes and guarantee the proper function of important organ and tissue systems:

Iron, copper, folic acid and vitamins B<sub>12</sub> and B<sub>6</sub> support red blood cell production (haematopoiesis). Vitamin E and selenium are indispensable for the regeneration of cardiac and skeletal muscles. Vitamins B<sub>1</sub>, B<sub>12</sub> and niacin are important for energy metabolism and muscle function. Biotin is needed for a good quality of hoof horn and a healthy coat.

*Horse Vet Line Basic* is a palatable granular supplement to upgrade the basic feed ration of horses.

**Feeding recommendations:** 50 – 100 g per day, depending on basal diet and bodyweight.

**Ingredients:** Calcium carbonate, wheat bran, corn, brewer's yeast, feeding sugar, sodium chloride, magnesium oxide, molasses, trace element and vitamin premix.

**Packing sizes:** Buckets of 5 kg and 10 kg, paper bag of 20 kg



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Photos: Janne Bugtrup

**Ingredients**

Calcium	20 %
Phosphorus	5 %
Sodium	2 %
Magnesium	1.5 %
Lysine	3 %
Methionine	1.5 %

**Additives per kg**

Iron	2,500 mg	Vitamin E	6,500 mg
Zinc	2,800 mg	Vitamin B1	500 mg
Manganese	400 mg	Vitamin B2	300 mg
Copper	600 mg, of which 200 mg is organically bound	Vitamin B6	300 mg
Selenium	10 mg	Vitamin B12	800 mcg
Iodine	20 mg	Vitamin C	2,000 mg
Cobalt	10 mg	Vitamin K	50 mg
Choline chloride	500 mg	Niacin	1,000 mg
Vitamin A	500,000 IU	Folic acid	100 mg
Vitamin D3	20,000 IU	Pantothenate	800 mg
		Biotin	20,000 mcg

**Horse Vet Line Junior**

Minerals, vitamins, essential amino acids and highly available organically bound copper, formulated to meet requirements

- Guarantee an adequate supply for the growing horse
- Prevent nutritional Developmental Orthopaedic Disease (DOD)

Accurate dietary supplementation of young horses can prevent angular limb deformities and degenerative changes of bones and articular cartilage, termed DOD (Developmental Orthopaedic Disease).

*Horse Vet Line Junior* contains the exact quantities of calcium, phosphorus and sodium that young horses need. The essential amino acids lysine and methionine supplement the ration with highly digestible proteins to promote growth and bone density and prevent osteoporosis (poor bone density).

*Horse Vet Line Junior* features a “new generation” of organically bound copper which is characterised by very good bioavailability. Copper is extremely important for young growing horses. Foals are born with low copper reserves in their livers and mare’s milk contains relatively little copper. Copper deficiency during the growth period promotes the development of osteochondrosis and “chips” in joints.

Vitamin A, vitamin D3 and manganese support skeletal development and strengthen immune defence mechanisms during the growth period. The vitamins of the B-complex, vitamin C, folic acid, niacin and iron optimize the energy metabolism, guarantee healthy development, and promote haematopoiesis.

*Horse Vet Line Junior* is a palatable dust-free granulate for foals from three months of age, yearlings and two-year-olds.

**Feeding recommendations:** 40 – 80 grams per day depending on age, basal diet and bodyweight.

**Ingredients:** Mono calcium phosphate, calcium carbonate, wheat bran, brewer’s yeast, potassium chloride, dextrose, molasses, magnesium oxide, L-lysine, DL-methionine, trace element and vitamin premix.

**Packing sizes:** Buckets of 5 and 10 kg, paper bag of 20 kg



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Photos: Jamie Bugtrup

**Ingredients**

Methionine	0,3 %
Lysine	0,2 %
Calcium	12,0 %
Sodium	4,0 %
Phosphorus	3,0 %
Magnesium	2,0 %

**Additives per kg**

Vitamin A	400,000 IU	Biotin	10,000 mcg
Vitamin D3	10,000 IU	β-carotene	4,000 mg
Vitamin E	4,000 mg	Carnitine	5,000 mg
Vitamin B	1,500 mg	Choline chloride	500 mg
Vitamin B2	300 mg	Betaine	1,000 mg
Vitamin B6	150 mg	Copper	400 mg, of which 200 mg is organically bound
Vitamin C	5,000 mg		
Niacin	1,000 mg		
Folic acid	50 mg		

**Horse Vet Line Zucht**

Concentrate of minerals, vitamins and trace elements

- Supports oestrus and gestation
- Improves milk quality
- Promotes sperm quality of stallions

Brood mares should preferably produce one foal per year. To achieve this requires that the basic ration is supplemented with additional amino acids, minerals and vitamins.

As well as β-carotene and copper, *Horse vet line Zucht* contains vitamins A, D and E, balanced minerals and the essential amino acid methionine, which has been proven to promote oestrus in mares. *Horse vet line Zucht* features a “new generation” of organically bound copper, which is characterized by extremely high bioavailability.

Copper helps mares shed out their winter coat more quickly. The faster this happens, the faster and more intensively the mare will start to cycle. β-carotene promotes intensive cycling and helps prevent foetal losses in early pregnancy.

*Horse vet line Zucht* meets the increasing demand for essential amino acids, calcium, phosphorus, sodium and vitamins during pregnancy and leads to higher concentrations of these vital substances in the mare`s milk. This ensures that foals, who have very limited reserves after birth, receive an optimal supply of these nutrients.

*Horse vet line Zucht* also has positive effects on the fertility of stallions. Their requirement for minerals and vitamins is similar to that of brood mares. The content of methionine and carnitine in *Horse vet line Zucht* promotes sperm quality during the breeding season.

*Horse vet line Zucht* is granulated, palatable and dust-free.

**Feeding recommendations:** Add to cereal or compound feed. Non-pregnant mares and stallions receive 150 to 200 grams per day (depending on breed and bodyweight) from 4 weeks before the breeding season. Mares in late pregnancy and nursing mares receive 150 grams per day (depending on breed and bodyweight).

**Ingredients:** Wheat bran, corn, brewer`s yeast, carrot powder, dextrose, molasses, DL-methionine, Lysine HCL, trace element and vitamin premix.

**Packing sizes:** Buckets of 5 and 10 kg, paper bag of 15 kg



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Photos: Janne Bugtrup



Photo: Julia Rau

**Ingredients**

Calcium	20 %
Phosphorus	5 %
Sodium	6 %
Magnesium	3 %
Lysine	2 %
Methionine	0.5 %

**Additives per kg**

Iron	2,000 mg	Vitamin D3	100,000 IU
Zinc	3,000 mg	Vitamin E	10,000 mg
Manganese	2,500 mg	Vitamin B1	300 mg
Copper	500 mg	Vitamin B2	300 mg
Selenium	10 mg	Vitamin B6	100 mg
Iodine	30 mg	Vitamin B12	500 mcg
Cobalt	10 mg	Vitamin C	2,000 mg
Choline chloride	500 mg	Niacin	1,000 mg
Vitamin A	1,000,000 IU	Folic acid	50 mg
		Biotin	10,000 mcg

**Horse Vet Line Sport**

High quality composition of minerals, amino acids and vitamins

- For skeletal stability and muscle energy metabolism
- Guarantees maximum physical stamina and nerve strength

To promote skeletal stability and the energy metabolism of the muscles, *Horse Vet Line Sport* contains large amounts of calcium, phosphorus and vitamin D<sub>3</sub>. Vitamin D<sub>3</sub> promotes the uptake of Ca and P from the intestine. Magnesium and vitamins B<sub>1</sub> and B<sub>2</sub> optimize the energy metabolism in muscle and nerve tissues, strengthen the cardiovascular system and increase stress resistance.

Lysine and methionine, the essential amino acids in *Horse Vet Line Sport*, are necessary for the function of the organ and tissue systems that determine performance: they provide nourishment to muscles, ligaments and articular cartilage. Vitamin E and selenium are indispensable for maintenance and function of cardiac and skeletal muscles (e. g., back muscles). Deficiency of these two substances results in decreased antibody titres and a weakened immune system.

Performance horses lose considerable amounts of minerals and iron through sweating. These losses are offset by the sodium content in *Horse Vet Line Sport* and by high concentrations of iron, copper, vitamin B<sub>6</sub>, B<sub>12</sub> and folic acid, which also promote hematopoiesis, thus significantly improving the oxygenation of tissues.

Biotin and zinc improve hoof horn growth and quality.

*Horse Vet Line Sport* is granulated, palatable and dust-free.

**Feeding recommendations:** 50 – 100 g per day depending on requirement, basal diet and bodyweight.

**Ingredients:** Calcium carbonate, calcium-sodium-magnesium phosphate "Magnaphoscal", sodium chloride, monocalcium phosphate, brewer's yeast, magnesium oxide, molasses, L-lysine, DL-methionine.

**Packing sizes:** Buckets of 5 and 10 kg, paper bag of 20 kg



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Fotos: Janne Bugtrup

## Horse Vet Line Leckstein

### Lick block with trace elements

- Compensates for mineral losses

Depending on physical activity a horse can lose up to 18 g sodium and 33 g chloride in 10 ml of sweat.

Most feeds contain insufficient sodium to offset these high losses.

*Horse Vet Line Leckstein* guarantees a plentiful supply of sodium and chloride. It additionally contains the trace elements iron, zinc, manganese and selenium, which are also lost through sweating. The block can be offered to adult horses and ponies for free access feeding, irrespective of their level of physical activity.

**Feeding recommendations:** free access

**Ingredients:** Sodium chloride, calcium-magnesium carbonate

**Packing sizes:** block of 10 kg

#### Ingredients

Calcium	1.10 %
Sodium	37.00 %
Magnesium	0.60 %

#### Additives per kg

Zinc	1,000 mg
Manganese	1,000 mg
Iodine	100 mg
Selenium	20 mg
Cobalt	20 mg



## Horse Vet Line Lick

Minerals, trace elements and vitamins formulated to meet requirements

- Supplementation for your horses 24 hours a day, 365 days a year, at pasture or indoors
- Completely weatherproof

For horses at pasture and group-housed horses individual feeding to provide the required minerals, trace elements and vitamins can be complicated. But an adequate supply of essential nutrients is crucial for these animals – for the fertility of brood mares, for good physical development of young horses or for vitality of geriatric animals.

*Horse Vet Line Lick* contains the minerals calcium and phosphorus in a wide ratio of 4 : 1, also sodium, which tends to be deficient on pastures, and copper. An adequate supply of copper is extremely important for growing horses. Due to the poor copper content of pasture grass this requirement is usually not met, however. In veterinary medicine copper deficiency during the growth period is associated with the development of osteochondrosis and “chips” in joints.

*Horse Vet Line Lick* additionally contains vitamins A, D<sub>3</sub> and E. Biotin and zinc maintain a healthy coat and prevent hoof cracks. Iron is essential for red blood cell production and the muscle metabolism, while also strengthening the immune system.

With *Horse Vet Line Lick* it is possible to supply horses 24 hours a day, all year round. As it is completely weatherproof it can also be used in so called indoor-outdoor stables.

**Ingredients:** Minerals, trace elements and vitamins with molasses

**Feeding recommendations:** max. 200 g/day

**Packing sizes:** Dish containing 15 kg

#### Ingredients

Calcium	11 %
Phosphorus	3 %
Sodium	10.5 %
Magnesium	4 %

#### Additives per kg

Iron	1,000 mg	Iodine	50 mg
Zinc	2,500 mg	Vitamin A	500,000 IU
Manganese	365 mg	Vitamin D <sub>3</sub>	40,000 IU
Copper	400 mg, of which 100 mg is organically bound	Vitamin E	3,000 mg
Selenium	10 mg	Biotin	3,000 mcg