

hrana produkt Animal feed



PREMIXES

hranamiks-hranino-premia-provit-amino



Premixes are vitamin-mineral premixes which provide needed nutrients for fast growing and fatling animals that are necessary for vital and productive needs and cannot be provided otherwise having in mind the controlled rearing conditions. Therefore, their use is extremely important. Hrana Produkt Ltd. produces premixes with a concentration of 0.5 to 10%. Premixes with the concentration of 1 to 10% are sold. The concentration is determined by the content of the premix and its purpose. Premixes that contain only vitamins and trace elements are mostly 1%, whereas when macro elements (Ca and P) and amino acids are included, premixes must have higher concentration, and when other additives (enzymes, prebiotics, probiotics, acidifiers, preservatives, dextrose, permeates etc.) are included, premixes reach 5, even 10% of the complete mix. Hrana Produkt Ltd. produces several lines of premixes, namely: **Hranamiks** line, **Amino** line, **Premia** line, **Provit** line and **Hranino** line.



HRANA PRODUKT LTD. is an animal feed factory with headquarters in Salas Noćajski. It was founded in 1992 as a small family firm in the heart of fertile of plains fields of Mačva and Srem by Goran and Vesna Stankovic.

During its 27- year-long tradition, the policy of the company has been focused on quality, safety and reliability of the products. Apart from that, the company continually invests in knowledge of the employees and improvement of technological processes, as well as in storage, production and transportation capacities.

The results of these endeavours are two animal feed factories in Salas Noćajski and Sremska Mitrovica which produce complete mixes, supplemental mixes, vitamin-mineral premixes, process soy beans, are involved in trade of animal feed components, production of chickens for fattening (broilers), as well as in offering storage services and drying of cereals and soybeans. Alongside these two factories HRANA PRODUKT owns a network of retail stores and transportation facilities of raw materials and finished products.

Complete and supplemental feed mixes are produced in floury and pelleted form and are delivered in bulk or packed in paper bags with capacity of 10, 20 or 40kg. All processes are automatized, with the capacity of 30 t/h of pelleted goods, which enables higher capacity and efficiency of production, as well as products of higher quality.

Vitamin-mineral premixes are produced in a separate plant, which annually produces over 4,000t of products in packaging ranging from 1 to 30 kg.

A plant for soy bean processing, which annually processes about 20,000t of this raw material consists of four separate production lines for full-fat soya, soya cake and soybean oil.

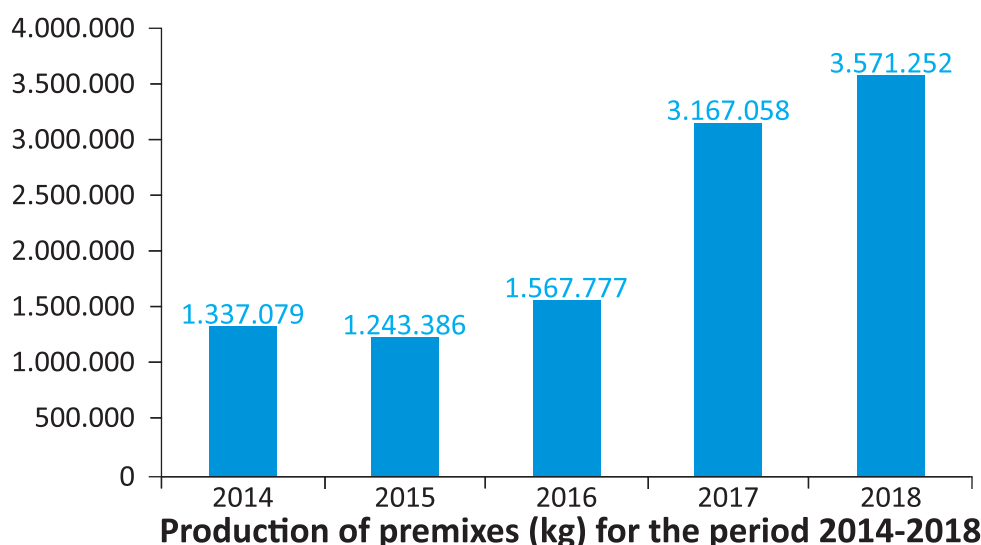
All raw materials are stored and kept in accordance with the valid rule books and standards, in order to be as safe as possible for usage in production. At the moment HRANA PRODUKT owns over 26,000t of storage space in their silos, as well as a plant for drying cereals and oil seeds.

In order to carry out all these process as quickly, as efficiently and as reliably as possible, the company owns their own vehicles with over 40 passenger and cargo vehicles.

HRANA PRODUKT owns their own laboratory where the quality of raw materials and finished products is analyzed. Highly sophisticated analyses are performed in accredited laboratories in Serbia and abroad.

Quality management system is in accordance with the requirements of the best known domestic and international standards, such as SRPS, ISO, HACCP and HALAL.

HRANA PRODUKT LTD. has been awarded many times in expert conferences, fairs etc. for product quality and outstanding production results, but the most prestigious award is the production index ROSS 452 awarded by AVIAGEN company.



Poultry



PROVIT FOR BROILERS B1

with coccidiostat

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR BROILERS

Ingredients: Mineral nutrients (monocalcium phosphate, sodium chloride, sodium bicarbonate), plant based carriers, synthetic amino acids (methionine, lysine, threonine, tryptophan), chelated minerals, phytase, enzymes, vitamins and trace elements, coccidiostat.

Contains:

- balanced ratio between vitamins and minerals that positively influence production results and vitality of broilers
- enzymes which enable better absorption of energy from the feed
- phytase enzyme which enables better utilization of phytate phosphorus
- chelated minerals easily available to broilers
- bicarbonates as well as raw fibre enable easier digestion.

INSTRUCTIONS FOR USE:

Provit B1-2.5% is used for preparation of complete and supplemental feed mixes for broilers. The percentage in complete mixes is 2.5%.

Packaging: 20kg

Advantages:

- Excellent production results (daily growth, consummation, conversion).
- Low percentage of non-vital chickens.
- Low percentage of deaths at the initial fattening stage.
- Uniformity of body mass in chickens at this fattening stage.

PROVIT FOR BROILERS B2

Without coccidiostat

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR BROILERS

Ingredients: Mineral nutrients (monocalcium phosphate, sodium chloride, sodium bicarbonate), plant based carriers, synthetic amino acids (methionine, lysine, threonine, tryptophan), chelated minerals, phytase, enzymes, vitamins and trace elements.

Contains:

- balanced ratio between vitamins and minerals that positively influence production results and vitality of broilers
- Enzymes which enable better absorption of energy from the feed.
- Phytase enzyme which enables better utilization of phytate phosphorus.
- Chelated minerals easily available to broilers.
- Bicarbonates as well as raw fibre enable easier digestion.

INSTRUCTIONS FOR USE:

Provit B2-2% is used for preparation of complete and supplemental feed mixes for broilers. The percentage in complete mixes is 2%.

Packaging: 20kg

Advantages:

- Excellent production results (daily growth, consummation, conversion).
- Low percentage of non-vital chickens.
- Low percentage of deaths during fattening.
- Uniformity of body mass in chickens at the end of fattening.
- Excellent body conformation of chickens.

PROVIT LINE

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	I
Corn	51,9
Wheat	6,0
Soybean meal	15,0
Soybean cake 42-44%	15,0
Soybean grits	8,0
Calcium Carbonate powder	1,6
Provit B1-2,5% coccidiostatic	2,5
Total kg	100

*Soybean cake-Hrana produkt

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	I
Raw protein %	22
Raw fat %	5
Raw ash %	8
Raw cellulose %	5
Methionine %	0,6
Calcium %	0,9
Total Phosphorus %	0,7
Sodium %	0,15

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	I
Corn	59,4
Wheat	6,0
Soybean cake 42-44%	21
Soybean grits	10
Calcium carbonate powder	1,6
Provit B1-2%	2,0
Total kg	100

*Soybean cake-Hrana produkt

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	I
Raw protein %	19
Raw fat %	5
Raw ash %	8
Raw cellulose %	5
Methionine %	0,5
Calcium %	0,85
Total Phosphorus %	0,7
Sodium %	0,15

PROVIT ŽP1

with coccidiostat

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR CHICKENS REARED FOR BREEDING

Ingredients: Mineral nutrients (monocalcium phosphate, sodium chloride, sodium bicarbonate), plant based carriers, synthetic amino acids, phytase, enzymes, vitamins and trace elements, coccidiostat.

Contains:

- Balanced ratio between vitamins and minerals that positively influence balanced growth, vitality and health status of chickens reared for breeding.
- Enzymes which enable better absorption of energy from the feed.
- Phytase enzyme which enables better utilization of phytate phosphorus
- Bicarbonates as well as raw fibre enable easier digestion.

INSTRUCTIONS FOR USE:

Provit ZP-1-2.5% is used for preparation of complete and supplemental feed mixes for breeding chickens. The percentage in complete mixes is 2.5%. This complete mix is used for breeding chickens until they are 4 weeks old.

Packaging: 25kg

Advantages:

- Excellent production results (daily growth, consummation, conversion).
- Low percentage of non-vital chickens.
- Low percentage of deaths at the initial rearing stage.
- Uniformity of body mass and build in chickens at this rearing stage.

PROVIT FOR ŽP2

with coccidiostat

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR CHICKENS REARED FOR BREEDING

Ingredients: Mineral nutrients (monocalcium phosphate, sodium chloride, sodium bicarbonate), plant based carriers, synthetic amino acids, phytase, enzymes, vitamins and trace elements, coccidiostat.

Contains:

- Balanced ratio between vitamins and minerals that positively influence balanced growth, vitality and health status of chickens reared for breeding.
- Enzymes which enable better absorption of energy from the feed.
- Phytase enzyme which enables better utilization of phytate phosphorus
- Bicarbonates as well as raw fibre enable easier digestion.

INSTRUCTIONS FOR USE:

Provit ZP-2-2% is used for preparation of complete and supplemental feed mixes for chickens reared for breeding. The percentage in complete mixes is 2%. This complete mix is used for feeding hens reared for breeding between 5 and 10 weeks old.

Packaging: 20kg

Advantages:

- Excellent production results (daily growth, consummation, conversion).
- Low percentage of non-vital chickens.
- Low percentage of deaths at the initial rearing stage.
- Uniformity of body mass and build in chickens at this rearing stage.

PROVIT LINE

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	I
Corn	49,8
Wheat	8
Wheat animal flour	5
Soybean cake 42-44%	15,0
Soybean meal	18
Calcium carbonate powder	1,7
Provit ŽP1-2,5% coccidiostat	2,5
Total kg	100

*Soybean cake-Hrana produkt

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	I
Raw protein %	22
Raw fat %	3
Raw ash %	8
Raw cellulose %	5
Methionin %	0,5
Calcium %	1
Total Phosphor %	0,8
Sodium %	0,15

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	I
Corn	55,3
Wheat	8
Wheat animal flour	5
Soybean cake 42-44%	14,5
Soybean meal	13,5
Calcium carbonate powder	1,7
Provit ŽP2-2% coccidiostat	2
Total kg	100

*Soybean cake-Hrana produkt

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	I
Raw protein%	19
Raw fat %	3
Raw ash %	8
Raw cellulose %	5
Methionine %	0,5
Calcium %	1
Total Phosphorus %	0,7
Sodium %	0,15

PROVIT ŽP3

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR CHICKENS REARED FOR BREEDING

Ingredients: Mineral nutrients (monocalcium phosphate, sodium chloride, sodium bicarbonate), plant based carriers, synthetic amino acids, phytase, enzymes, vitamins and trace elements.

Contains:

- Balanced ratio between vitamins and minerals that positively influence balanced growth, vitality and health status of chickens reared for breeding.
- Enzymes which enable better absorption of energy from the feed.
- Phytase enzyme which enables better utilization of phytate phosphorus
- Bicarbonates as well as raw fibre enable easier digestion.

INSTRUCTIONS FOR USE:

Provit ŽP3-2% is used for preparation of complete and supplemental feed mixes for breeding chickens. The percentage in complete mixes is 2%. This complete mix is used for breeding future hens between 10 and 16 weeks old.

Packaging: 20kg

Advantages:

- Excellent production results (daily growth, consummation, conversion).
- Low percentage of non-vital chickens.
- Low percentage of deaths at the initial rearing stage.
- Uniformity of body mass and build in chickens at this rearing stage.

PROVIT FOR TABLE EGG LAYING HENS KN – 1.5%

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR EGG LAYING HENS

Ingredients: Mineral feeds (monocalcium phosphate, sodium chloride, sodium bicarbonate), mineral carriers, synthetic amino acids, carophyll, phytase, enzymes, vitamins and trace elements.

Contains:

- Balanced ratio between vitamins and minerals that positively influence egg laying and egg quality
- Enzymes which enable better absorption of energy from the feed.
- Phytase enzyme which enables better utilization of phytate phosphorus
- Carophyll which gives a prettier yolk colour.

INSTRUCTIONS FOR USE:

Provit KN -1.5% is used for preparation of complete and supplemental feed mix for table egg laying hens. The percentage in complete mixes is 1.5%.

Packaging: 15kg

Advantages:

- High daily egg yield.
- More higher class eggs.
- High quality egg shell.
- Vitality and long exploitation life of egg laying hens

PROVIT LINE

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	I
Corn	61,8
Wheat	8
Wheat animal flour	5
Soybean cake 42-44%	15,5
Soybean meal	6
Calcium carbonate powder	1,7
Provit ŽP3	2
Total kg	100

*Soybean cake-Hrana produkt

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	I
Raw protein %	16
Raw fat %	3
Raw ash %	8
Raw cellulose %	5
Methionin %	0,4
Calcium %	0,9
Total Phosphorus %	0,7
Sodium %	0,15

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX WITH 17% OF PROTEIN:

FEED	Egg laying hens
PROVIT KN-1,5 %	1,5
Calcium carbonate powder	9
Soybean meal 44%	16
Soybean grits	6
Sunflower meal 33%	9
Corn	58,5
Total kg	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	I
Raw protein %	17
Raw fat %	3
Raw ash %	14
Raw cellulose %	5
Methionine %	0,4
Calcium %	3,6
Total Phosphorus %	0,55
Sodium %	0,15

Premixes with the concentration of 1% and 2% (Hranamix RN 2% for breeding egg laying hens), and in that percentage they are mixed with other components when making complete mixes.

Hranamiks PT-1 1 %

With coccidiostat

The premix is designed for production of a complete feed mix for the initial fattening of chickens 1. This premix contains a balanced mix of vitamins and micro minerals and is added to the complete feed mix in the amount of 1%. In an optimal ratio with carbohydrates and protein feeds, as well as with macro minerals and synthetic amino acids, it is an excellent feed for chicken fattening at this stage.

Packaging: 1 and 10kg

Advantages:

- High daily growth, good consumption and food conversion.
- Good health condition and low mortality of fatling chickens.
- Uniform flock of good constitution.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	Fatling chickens up to 28 days old
Hranamiks PT-1 1% with coccidiostat	1
Corn	42,2
Wheat	10
Wheat animal flour	3
Soybean meal 44%	15
Soybean cake	10
Soybean grits	15
Monocalcium Phosphate	1,8
Animal feed salt	0,35
Calcium carbonate powder	1,65
Total kg	100

Hranamiks PT-2 1 %

without coccidiostat

The premix is designed for production of a complete feed mix for chicken fattening 2. This premix contains a balanced mix of vitamins and mineral nutrients and is added to complete feed mixes in the concentration of 1%. In complete feed mixes it represents good support for achieving good result at the final fattening stage.

Packaging: 1 and 10kg

Advantages:

- High daily growth, good consumption and food conversion.
- Good health condition and low chicken mortality.
- Uniform flock at the end of the fattening process and good body conformation.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	Fatling chickens older than 28 days old
Hranamiks PT-2 1% without coccidiostat	1
Corn	49,90
Wheat	10
Wheat animal flour	3
Soybean meal 44%	7,60
Soybean cake	10
Soybean grits	15
Monocalcium Phosphate	1,7
Animal feed salt	0,35
Calcium carbonate powder	1,45
Total kg	100



Premixes with the concentration of 1% and 2% (Hranamix RN 2% for breeding egg laying hens), and in that percentage they are mixed with other components when making complete feed mixes.

Hranamiks KN 1 %

The premix is designed to be used for production of a complete feed mix for egg laying hens in the concentration of 1%. This premix contains all needed vitamins and trace elements in optimal quantity and ratio, as well as a part of calcium and carophyll. There are also other additives in its composition which greatly increase the quality of this premix.

Packaging: 1kg

Advantages:

- High egg laying yield and good egg size with hard shell and desirable yolk colour due to carophyll.
- Good health condition and low mortality.
- Optimal condition of egg laying hens.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	Table egg laying hens
Hranamiks KN 1%	1
Corn	51
Wheat	6
Wheat animal flour	5
Soybean meal 44%	4
Soybean cake	10
Soybean grits	6
Sunflower meal 33%	8
Monocalcium Phosphate	1,1
Animal feed salt	0,4
Calcium carbonate powder	7,5
Total kg	100

Hranamiks RN 2%

The premix is a premix rich in minerals and vitamins designed for breeding egg-laying hens. It is added to complete mixes with other components in the concentration of 2%.

Packaging: 20kg

Advantages:

- High egg laying yield of hatching eggs.
- Good health condition and feathering of egg laying hens.
- Optimal physical condition of egg laying hens for breeding.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	Breeding egg laying hens
Hranamiks RN 2%	2
Corn	61,5
Soybean meal 44%	15
Soybean grits	5
Sunflower meal 33%	8
Calcium carbonate powder	8,5
Total kg	100

Hranamiks Breeder 1%

The premix is a superb vitamin-mineral premix which is added to complete mixes in the concentration of 1%. Optimal and well-balanced level of vitamins and minerals enables breeding egg laying hens to achieve excellent production results.

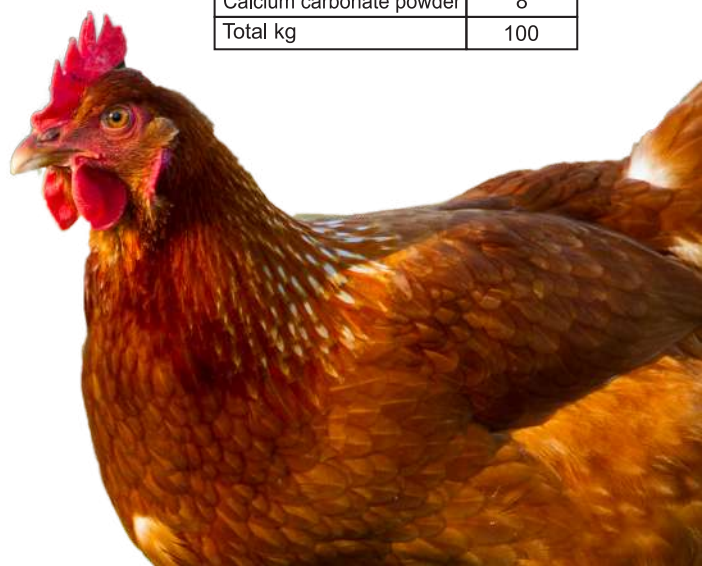
Packaging: 10kg

Advantages:

- High egg laying yield of hatching eggs.
- Good health condition and feathering of egg laying hens.
- Optimal condition of breeding egg laying hens.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	Breeding egg laying hens
Hranamiks Breeder 1%	1
Corn	65
Soybean cake	15,5
Soybean meal 33%	9
Monocalcium Phosphate	1,1
Animal feed salt	0,4
Calcium carbonate powder	8
Total kg	100



HRANINO CHICK

The premix for poultry

INGREDIENTS: Mineral nutrients (calcium carbonate powder, monocalcium phosphate, animal feed salt), by-products of the oil industry, synthetic amino acids, enzymes, vitamins, plant carrier, trace elements and other permitted additives.

INSTRUCTION FOR USE:

HRANINO ČIK is used for preparation of complete and supplemental feed mix for broiler chicken after 3 weeks of age, chicken reared for breeding after 10 weeks of age and fattening turkeys after 12 weeks of age. The percentage in complete mix is 3%.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	Broiler chicken over 3 weeks	Broiler chicken over 10 weeks	Fattening turkeys over 12 weeks
HRANINO CHICK	3	3	3
Soybean meal 44%	22	20	22
Full fat soya	10	-	-
Corn	65	77	75
TOTAL KG	100	100	100

HRANINO FOR HENS

The premix for commercial laying hens

INGREDIENTS: Mineral nutrients (calcium carbonate powder, monocalcium phosphate, animal feed salt, natural sepiolite), by-products of the oil industry, synthetic amino acids, enzymes, vitamins, plant carrier, trace elements and other permitted additives.

INSTRUCTION FOR USE:

HRANINO KOKE is used for preparation of complete and supplemental feed mix for commercial laying hens. The percentage in complete mix is 10%.

RECOMENDATION FOR THE PREPARATION OF THE MIX:

FEED	Commercial laying hens until 28 weeks		Commercial laying hens over 28 weeks	
	I	II	I	II
HRANINO FOR HENS	3	3	3	3
Soybean meal 44%	9	7	8	6
Full fat soya	-	3	-	3
Corn	21	20	22	21

PACKAGING: 3 kg



Pigs



PROVIT P-3%

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR PIGLETS

INGREDIENTS: Monocalcium phosphate, calcium carbonate, sodium chloride, L-lysine, DL – methionine, L-threonine, L-tryptophane, phytase, vitamins, micro minerals and plant carrier.

Contains:

- High level of well-balanced essential amino acids, vitamins and minerals.
- Phytase enzyme which enables higher utilization of phytate phosphorus.

INSTRUCTIONS FOR USE: Provit P-3 is used for preparation of complete and supplemental mixes for piglets from 8 to 12 weeks old (weighing 15-40kg). Its percentage is 3% in complete mixes.

Packaging: 30kg

Advantages:

- Piglets fed following the recommendations from the tables and kept in good conditions reach 600, and quite often 700 grams of daily growth with conversion of up to 2.3kg of food.
- Healthy and vital piglets are ready for intense fattening.
- Uniformity of growing piglets.
- The features of the premixes enable plant protein feed saving, thus influencing the price of the complete mix which is then much lower.

PROVIT S-2%

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR FATLING PIGS

INGREDIENTS: Monocalcium phosphate, calcium carbonate, sodium chloride, L-lysine, DL – methionine, L-threonine, L-tryptophane, phytase, vitamins, micro minerals and plant carrier.

Contains:

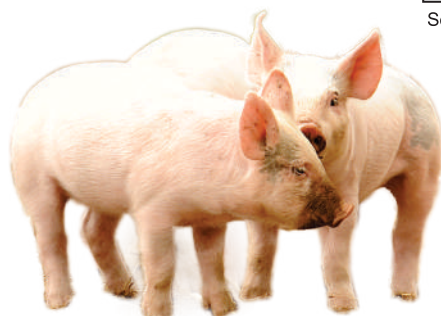
- High level of well-balanced essential amino acids, vitamins and minerals.
- Phytase enzyme which enables higher utilization of phytate phosphorus.

INSTRUCTIONS FOR USE: Provit S – 2% is used for preparation of complete and supplemental mixes for fattening pigs weighing over 40kg. Its percentage is 2% in complete mixes.

Packaging: 20kg

Advantages:

- Fatling pigs fed following the recommendations reach 100kg at 5.5 months old on average (160-165 days old) with an average daily growth of over 800gr and the conversion for the whole fattening period (20 to 100kg) of about 2.8kg of food.
- High growth and good conversion are directly related to high meatiness of fatling pigs.
- The features of the premixes enable saving of plant protein feeds, thus lowering the price of the complete mix.
- High production results enable economical fattening process.



PROVIT LINE

RECOMMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	PIGLETS 15-40	
	I	II
PROVIT P-3%	3	3
Calcium carbonate powder	1,5	1,5
Soybean meal-33%	-	-
Soybean cake 42-44%	20	20
Barley	15	15
Corn	60,5	60,5
TOTAL KG	100	100

Soybean cake-Hrana Produkt

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	PIGLETS 15-40	
	I	II
Raw protein%	16,11	15,88
Raw fat %	4,20	3,10
Ash %	5,29	5,55
Raw cellulose %	3,26	3,17
Lysine %	1,07	1,09
Calcium %	0,83	0,84
Total Phosphorus %	0,55	0,54
Sodium %	0,23	0,23

RECOMMENDATION FOR THE PREPARATION OF 100KG OF THE MIX WITH 17% OF PROTEIN:

FEED	FATLING PIGS 40-100kg		
	I	II	III
PROVIT S-2%	2	2	2
Calcium carbonate powder	1,7	1,7	1,6
Soybean meal-33%	-	-	20
Soybean cake 42-44%	20	19	-
Sunflower meal 33%	-	3	-
Batley	15	-	-
Corn	61,3	74,3	76,4
Total kg	100	100	100

Soybean cake-Hrana Produkt

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	FATLING PIGS 40-100kg		
	I	II	III
Raw protein %	15,92	16,07	15,70
Animal fat %	4,23	4,41	3,13
Ash %	5,02	5,03	5,19
Raw cellulose %	3,28	3,51	3,19
Lysine %	1	0,96	1
Calcium %	0,80	0,80	0,77
Total Phosphorus %	0,49	0,50	0,49
Sodium %	0,26	0,26	0,25

Soybean cake-Hrana Produkt

PROVIT SK-3%

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR GESTATING SOWS

INGREDIENTS: Monocalcium phosphate, calcium bicarbonate, sodium chloride, L-lysine, phytase, vitamins, trace elements and plant carrier.

Contains:

- High amount of essential amino acids, vitamins and micro minerals.
- Phytase enzyme which enables higher utilization of phytate phosphorus.
- Matters that enable better utilization of energy from the feed.
- Trace elements in chelated form which are easily available to a sow.

INSTRUCTIONS FOR USE: Provit SK – 3% is used for the preparation of complete and supplemental mixes for gestating sows. Its concentration in complete mixes is 3%.

Packaging: 30kg

Advantages:

- Sows fed following the recommendations will have lower percentage of failed fertilizations.
- A large number of vital piglets.
- A low number of still born or non-vital piglets.

PROVIT KD-4%

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR LACTATING SOWS

INGREDIENTS: Monocalcium phosphate, calcium bicarbonate, sodium chloride, L-lysine, DL –methionine, L-threonine, phytase, vitamins, trace elements and plant carrier.

Contains:

- High amount of essential amino acids, vitamins and micro minerals.
- Phytase enzyme which enables higher utilization of phytate phosphorus.
- Matters that enable better utilization of energy from the feed.
- Trace elements in chelated form which are easily available to a sow and together with vitamin E sustain sows' immune system.

INSTRUCTIONS FOR USE: Provit KD – 4% is used for the preparation of complete and supplemental mixes for gestating sows. Its concentration in complete mixes is 4%.

Packaging: 20kg

Advantages:

- Sows fed following the recommendations will have a lot of milk and a large number of weaners (over 11 per brood).
- Piglet body weight at weaning (28 days) and over 7.5kg.
- Sows finish lactation being in excellent physical condition which makes it possible to engage in a new fertile estrus quickly.

PROVIT LINE

RECOMMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	GESTATING SOWS	
	I	II
PROVIT SK-3%	3	3
Soybean meal-44%	15	10
Sunflower meal 33%	-	8
Animal feed flour	18	15
Corn	64	64
Total kg	100	100

Soybean cake-Hrana Produkt

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	GESTATING SOWS	
	I	II
Raw protein %	14,45	14,50
Raw fat %	3,39	3,32
Ash %	4,69	4,93
Raw cellulose %	4,46	5,55
Lysin %	0,75	0,70
Calcium %	0,66	0,66
Total Phosphorus %	0,50	0,53
Sodium %	0,25	0,25

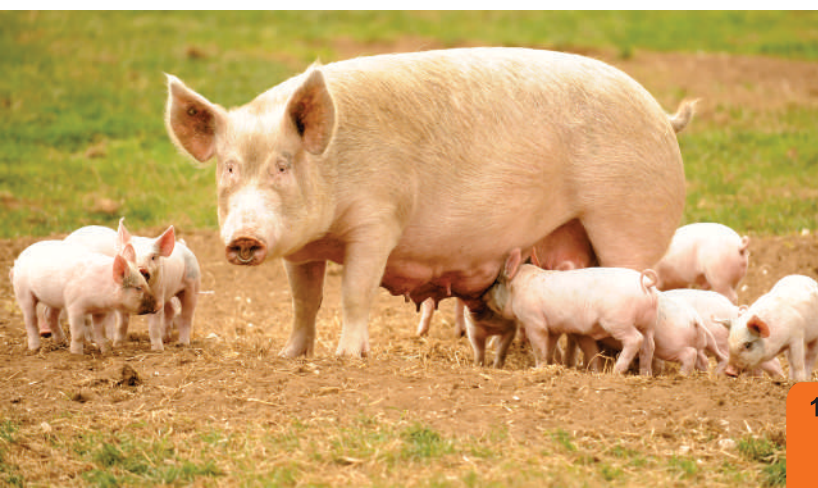
RECOMMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	LACTATING SOWS	
	I	II
PROVIT KD-4%	4	4
Soybean meal-44%	-	21
Soybean cake-42-44%	22	-
Barley	15	15
Corn	59	60
Total kg	60,5	60,5

Soybean cake-Hrana Produkt

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	LACTATING SOWS	
	I	II
Raw protein%	16,60	16,25
Raw fat %	4,30	2,80
Ash %	5,40	5,75
Raw cellulose %	3,32	3,52
Lysin %	1	1,02
Calcium %	0,87	0,89
Total Phosphorus%	0,51	0,51
Sodium %	0,26	0,25



Premixes of 1% and 2% are added with other components in the same percentage when making complete feed mixes.

Hranamiks SP 1 %

This is a premix added to complete feed mixes for piglets. The premix is a combination of well-balanced vitamins and minerals which give piglets fast and cost-effective growth.

Packaging: 10kg

Advantages:

- Good adaptability to new environments, excellent growth, conversion and food consumption.
- Vitality and good health status of piglets with low mortality.
- Excellent physical condition of piglets.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	Piglets from weaning stage until the first fattening stage
HRANAMIKS SP-1%	1
Animal wheat flour	3
Soybean cake	10
Soybean meal 44%	18
Monocalcium Phosphate	0,8
Animal feed salt	0,6
Calcium carbonate powder	1,6
Total kg	100

Hranamiks ST 1 %

This is a premix added in the amount of 1% with other raw materials when a complete feed mix for pig fattening is produced. This premix is a mix of well dosed and mixed vitamins, minerals and nutritive additions that enable their genetic potential to be used to the fullest.

Packaging: 1 and 10kg

Advantages:

- High daily growth, high consumption and good food conversion.
- Excellent health and low mortality.
- Excellent conformation and meatiness of the body.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	GROWING AND FATTENING PIGS
HRANAMIKS ST-1%	1
Corn	73,6
Soybean meal 44%	18
Soybean grits	5
Monocalcium Phosphate	0,7
Animal feed salt	0,5
Calcium Carbonate powder	1,2
Total kg	100



Amino milk

The premix which is added to complete feed mixes in 10% amount. It is designed for piglets from weaning until they weigh 15kg. This is a well-balanced mix of vitamins, minerals (a part of which is in chelated form), amino acids, probiotics, acidifiers, enzymes, flavours, raw fibres. A portion of highly soluble and absorbable proteins is added to these 10%.

Packaging: 5kg

Advantages:

- Quick adaptation to solid food and constant growth of piglets.
- Absence of diarrhoea in farrowing facilities and good overall health status.
- Excellent physical condition of piglets.



Amino SP

The premix which is added to complete feed mixes in the amount of 5kg. It is primarily designed for piglets weighing from 15kg onwards, as well as for breeding sows weighing up to 40kg. Since it has a very good composition it can partly be used for feeding breastfeeding sows and fatling pigs at later stages of fattening. It contains well-balanced vitamins and minerals, partly in chelated form, enzymes, probiotics, the most important synthetic essential acids, flavour and a protein part which is also a carrier.

Packaging: 5kg

Advantages:

- Good growth, conversion and food consumption.
- Healthy and vital piglets.
- Excellent physical condition of growing piglets and breeding sows.



RECOMENDATION FOR THE PREPARATION OF 50KG OF THE MIX:

FEED	WEANERS WEIGHING 7-15KG		
	I	II	III
Amino milk	5	5	5
Soybean cake	/	11	11
Soybean meal 44%	4	/	/
Soybean grits	7	/	/
Corn	34	34	34
Total kg	50	50	50

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	WEANERS WEIGHING 7-15KG		
	I	II	III
Raw protein %	17,50	17,50	16,65
Raw fat %	4,15	4,55	5,68
Ash %	4,28	4,15	4,32
Raw cellulose %	3,12	3,05	3,14
Lysine %	1,20	1,20	1,20
Calcium %	0,45	0,45	0,45
Total Phosphorus %	0,55	0,55	0,55
Sodium %	0,25	0,25	0,25

RECOMENDATION FOR THE PREPARATION OF 50KG OF THE MIX:

FEED	PIGLETS 15-40kg		FATTENING PIGS
	I	II	
Amino SP	5	5	5
Sotbean meal-44	-	23	20
Soybean cake	25	-	-
Animal feed flour	-	-	3
Corn	70	72	72
Total kg	100	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	PIGLETS 15-40kg		FATTENING PIGS
	I	II	
Raw protein%	17,62	16,93	16
Raw fat%	4,75	3,07	3,17
Ash %	5,30	5,70	5,55
Raw cellulose %	3,12	3,30	3,45
Lysine %	1	1	0,92
Calcium %	0,83	0,85	0,85
Total Phosphorus %	0,55	0,55	0,55
Sodium %	0,22	0,22	0,22

Amino S

The premix designed for fattening pigs weighing over 40kg until the end of fattening process. 5kg of the mix is added to 100kg of complete feed mixes. It contains well-balanced vitamins and minerals, partly in chelated form. This premix is also enriched with the most important synthetic essential acids, enzymes as well as a protein carrier.

Packaging: 5kg and 25kg

Advantages:

- Good growth, excellent consumption and conversion of food.
- Excellent health.
- Good meatiness and body conformation.



Amino PK

It is designed for breeding pigs (gestating sows and lactating sows, breeding sows and boars). It is well-balanced so that it can satisfy the needs of breeding animals when it comes to vitamins and minerals, and contains other components such as enzymes, synthetic amino acids in fair amounts. The principal carrier is a protein based feed that influences the level of protein in the complete feed mix to which this premix is added in the amount of 5%.

Packaging: 5kg

Advantages:

- Good composition and fertility of sows, as well as uniformity of piglets at birth and at weaning.
- Good health status of gestating and lactating sows.



RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	FATTENING PIGS 40KG		
	I	II	III
Amino S	5	5	5
Soybean meal 44%	/	20	20
Soybean cake	21	/	/
Animal feed flour	/	/	/
Corn	74	75	75
Total kg	100	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	FATTENING PIGS 40KG		
	I	II	III
Raw protein %	16,2	15,87	16,00
Raw fat %	4,60	3,16	3,17
Ash %	5,20	5,55	5,55
Raw cellulose %	3,00	3,21	3,45
Lysine %	0,90	0,92	0,92
Calcium %	0,82	0,84	0,84
Total Phosphorus %	0,53	0,54	0,54
Sodium %	0,22	0,21	0,21

RECOMMENDATION FOR THE PREPARATION OF 100KG OF MIX:

FEED	Lactating sows	Gestating sows	Breeding boars	Breeding sows
Amino PK	5	5	5	5
Soybean meal 44%	12	7	10	8
Soybean cake	10	5	10	15
Animal feed flour	15	15	15	12
Corn	58	68	60	60
Total kg	100	100	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	Lactating sows	Gestating sows	Breeding boars	Breeding sows
Raw protein %	17,20	13,64	16,48	17,40
Raw fat %	3,88	3,81	3,94	4,19
Ash %	5,50	5,00	5,40	5,46
Raw cellulose %	4,35	4,06	4,30	4,11
Lysine %	1	0,73	0,92	1
Calcium %	0,84	0,81	0,83	0,84
Total Phosphorus %	0,54	0,51	0,53	0,54
Sodium %	0,25	0,25	0,25	0,25

Hranino for pigs

The premix is designed for growing and fatling pigs. This is a 3% premix and is used in the same concentration when added to complete feed mixes. It contains vitamins, minerals, enzymes, flavours, synthetic amino acids. The ratio and quantity of these components is optimal.

Packaging: 3kg

Advantages:

- High growth, good consumption and conversion of food
- Good health condition of piglets and fatling pigs
- Good physical condition in fattening

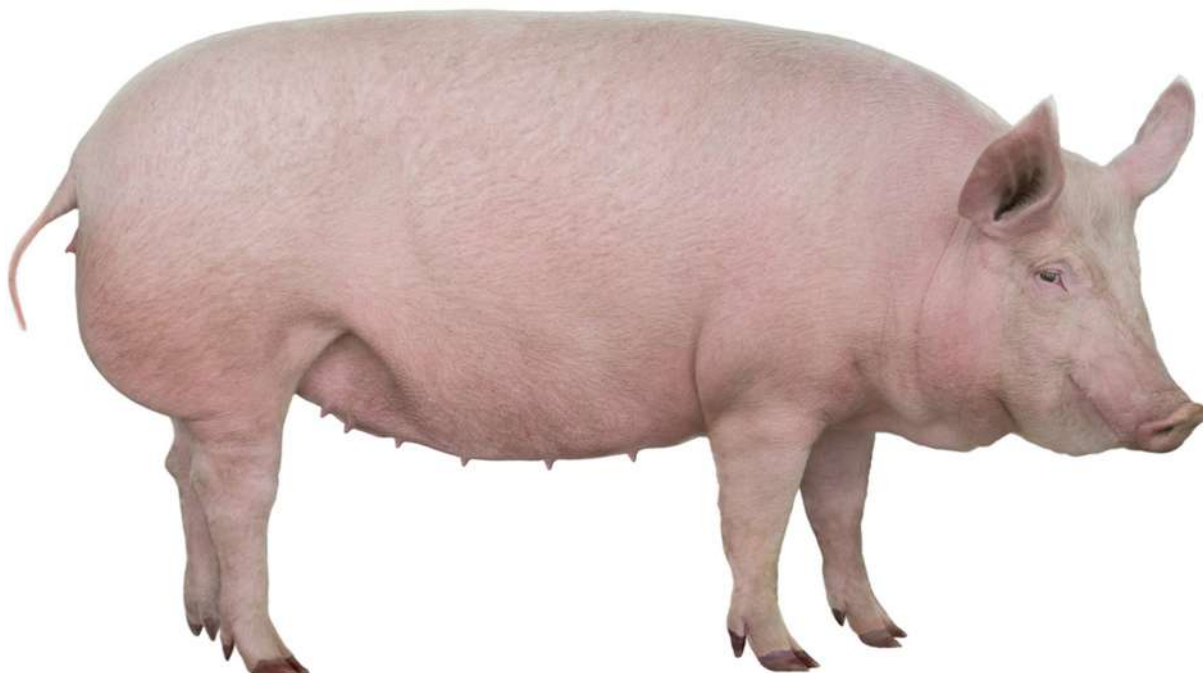


RECOMMENDATION FOR THE PREPARATION OF 100KG OF MIX:

FEED	Growing and fatling pigs 25-60KG			Growing and fatling pigs 25-60KG		
	I	II	III	I	II	III
Hranino for pigs	3	3	3	3	3	3
Corn	49	46	77	49	46	82
Soybean meal	15	/	20	6	/	15
Soybean cake	/	18	/	/	9	/
Sunflower meal	8	8	/	12	12	/
Barley	25	25	/	30	30	/
Total kg	100	100	100	100	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	Growing and fatling pigs 25-60KG			Growing and fatling pigs 25-60KG		
	I	II	III	I	II	III
Raw protein %	16,13	17,18	15,51	14,01	15,07	13,74
Raw fat%	2,60	3,78	3,15	2,66	3,20	3,29
Ash %	5,32	5,13	4,96	5,11	5,09	4,70
Raw cellulose %	5,03	4,94	3,21	5,56	5,57	3,03
Lysin %	0,85	0,88	0,86	0,67	0,72	0,74
Calcium %	0,77	0,77	0,75	0,76	0,76	0,73
Total Phosphorus %	0,64	0,64	0,58	0,64	0,65	0,57
Sodium %	0,21	0,22	0,21	0,21	0,22	0,21



These premixes have concentration of 3% and 4%. Premia 3 and Premia 4 plus are designed for piglets weighing from 15kg to 40kg. Premia 3 and Premia 3 plus are premixes designed for fattening pigs over 40kg until the end of fattening process.

Premia 4 %

The premix is added in the amount of 4% to complete feed mixes. It contains well-balanced ratio of vitamins, minerals, synthetic amino acids and other additions which enable regular development and growth of piglets in the period from 15 to 40kg.

Packaging: 4 and 20kg

Advantages:

- Good growth, conversion and consumption of food.
- Healthy and vital piglets, reduced usage of medications.
- Excellent physical condition of piglets and breeding sows.



Premia 4 % plus

This premix is added in the concentration of 4% to complete feed mixes. This premix is characterised by an extremely high level of vitamins and minerals which piglets need at the sensitive stage of growth. Apart from these matters the premix also contains synthetic amino acids, flavours and other additions. Such composition of vitamins, minerals and other components enables exceptional growth with low food consumption.

Packaging: 4 and 20kg

Advantages:

- Extremely high growth with excellent conversion and high food consumption.
- Healthy and vital piglets with extremely low mortality rate.
- Excellent physical condition of piglets and breeding sows and boars.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	PIGLETS WEIGHING FROM 15-40kg		
	I	II	III
Premia 4%	4	4	4
Soybean meal 44%	/	/	20
Soybean cake	20	20	/
Barley	15	/	/
Corn	61	76	76
Total kg	100	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	PIGLETS WEIGHING FROM 15-40kg		
	I	II	III
Raw protein %	16,00	15,70	15,71
Raw fat %	4,22	4,52	3,12
Ash %	5,05	4,93	5,32
Raw cellulose %	3,28	2,97	3,19
Lysin %	1,04	1,02	1,05
Calcium %	0,80	0,79	0,81
Total Phosphorus %	0,52	0,51	0,51
Sodium %	0,24	0,24	0,23

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	PIGLETS WEIGHING FROM 15 - 40kg			
	I	II	III	IV
Premia 4% plus	4	4	4	4
Soybean meal 44%	20	20	/	/
Soybean cake	/	/	21	21
Barley	/	20	/	20
Corn	76	56	75	55
Total kg	100	100	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	PIGLETS WEIGHING FROM 15 - 40kg			
	I	II	III	IV
Raw protein %	15,88	16,20	16,22	16,54
Raw fat %	3,11	2,71	4,55	4,16
Ash %	5,26	5,42	4,91	5,07
Raw cellulose %	3,18	3,59	3,00	3,40
Lysin %	1,10	1,12	1,09	1,11
Calcium %	0,78	0,80	0,77	0,78
Total Phosphorus %	0,51	0,53	0,51	0,52
Sodium %	0,21	0,21	0,22	0,22

Premia 3 %

The premix that is added to complete feed mixes in the concentration of 3% and is designed for fattening at the stage from 40kg onwards. It contains well-balanced vitamins, minerals, amino acids and flavour, which in the complete mix enable high growth of fatling pigs with excellent food conversion.

Packaging: 3 and 20kg

Advantages:

- High growth in fattening, good consumption and excellent food conversion.
- Excellent health status of fatling pigs.
- Good meatiness and overall good body conformation.



Premia 3 % plus

The premix that is added to complete feed mixes in the concentration of 3%. It is designed for fattening at the stage from 40kg onwards. Alongside well-balanced vitamins and minerals, this 3% premix contains essential amino acids, flavour and NSP enzymes which provide additional energy for the growth of fatling pigs.

Packaging: 3 and 20kg

Advantages:

- High growth in fattening, good consumption and excellent food conversion, high utilization of nutrients from the meals.
- Excellent vitality and health status of fatling pigs.
- Good physical condition in fattening, outstanding meatiness and body conformation.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	FATLING PIGS OVER 40KG		
	I	II	III
Premia 3%	3	3	3
Soybean meal 44%	20	20	/
Soybean cake	/	/	21
Sunflower meal 33%	3	/	/
Barley	20	/	/
Corn	54	77	76
Total kg	100	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	PIGGLETS WEIGHING FROM 20-40kg		
	I	II	III
Raw protein %	16,50	16,00	16,00
Raw fat %	2,68	3,12	4,59
Ash %	5,06	4,70	4,37
Raw cellulose %	4,18	3,24	3,02
Lysine %	1,03	1	0,96
Calcium %	0,68	0,67	0,65
Total Phosphorus %	0,48	0,45	0,45
Sodium %	0,22	0,21	0,22

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	FATLING PIGS OVER 40KG		
	I	II	III
Premia 3% Plus	3	3	3
Soybean meal 44%	18	20	/
Soybean cake	/	/	21
Sunflower meal 33%	5	/	/
Barley	20	/	/
Corn	54	77	76
Total kg	100	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	FATLING PIGS OVER 40KG		
	I	II	III
Raw protein%	16,50	15,70	15,70
Raw fat %	2,65	3,15	4,55
Ash %	5,02	4,65	4,28
Raw cellulose %	4,48	3,20	3,00
Lysin %	1	1	0,95
Calcium %	0,65	0,64	0,62
Total Phosphorus%	0,50	0,45	0,45
Sodium %	0,22	0,21	0,22

Ruminants



PROVIT FOR CALVES GT-4%

with phytogenic feed additives

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR CALVES

Ingredients: Monocalcium phosphate, calcium carbonate, sodium chloride, phytogenic additive, vitamins and micro minerals, plant carrier.

Contains:

- High level of balanced vitamins and minerals.
- Phytogenic additive which is a reliable agent against diarrhoea in growing calves, also, it is beneficial for the development of intestinal villi, as well as for better digestibility of feed.

INSTRUCTIONS:

Provit GT – 4% with a phytogenic additive is used for preparation of complete and supplemental feed mixes for calves. Its share in complete mixes is 4%.

Packaging: 20kg

Advantages:

- Health status of calves coming from different places for fattening is stabilised.
- Calves fed with the recommended complete meals easily adapt to new feeding conditions and accommodation after the fattening group has been formed.
- Quick growth and uniformity in physical condition of the group is achieved before intensive fattening of cows.

PROVIT FOR CALVES GT-4%

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR CALVES

Ingredients: Monocalcium phosphate, calcium carbonate, sodium chloride, vitamins, micro minerals, plant carrier.

Contains:

- High level of balanced vitamins and minerals.

INSTRUCTIONS:

Provit GT – 4% is used for preparation of complete and supplemental feed mixes for calves. Its share in complete mixes is 4%.

Packaging: 20kg

Advantages:

- Calves fed with the recommended complete meals easily adapt to new feeding conditions and accommodation after the fattening group has been formed.
- Quick growth and uniformity in physical condition of the group is achieved before intensive fattening of cows.

PROVIT FOR DAIRY COWS KM-2%

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR DAIRY COWS

Ingredients: Mineral feed (monocalcium phosphate, calcium carbonate powder, animal feed salt, sodium bicarbonate), micro minerals, vitamins, plant carrier.

Contains:

- Components that improve reproductive characteristics, immune system and prevent mastitis.
- Chelated minerals which cows absorb and utilize better, they also positively influence milk production and milk quality.

INSTRUCTIONS FOR USE: Provit KM – 2% is used to prepare complete and supplemental feed mixes and daily meals for lactating dairy cows. 200-300gr per cow a day.

Advantages:

- High milk yield with good quality parameters.
- Good health status of dairy cows.
- Excellent physical condition of dairy cows during lactation.
- Lower number of somatic cells.

PROVIT LINE

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	CALVES	
	50-100kg	100-250kg
PROVIT GT-4 %	4	4
Soybean meal 44%	15	8
Sunflower meal 33%	15	17
Animal feed flour	11	12
Corn	55	59
TOTAL KG	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	CALVES	
	50-100kg	100-250kg
Raw protein %	17,65	15,70
Raw fat %	2,96	3,11
Ash %	6,35	6,14
Raw cellulose %	6,72	6,92
Calcium %	1,03	1,01
Total Phosphorus %	0,58	0,57
Sodium %	0,25	0,26

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	CALVES	
	50-100kg	100-250kg
PROVIT GT-4 %	4	4
Soybean meal 44%	15	8
Sunflower meal 33%	15	17
Animal feed flour	11	12
Corn	55	59

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	CALVES	
	50-100kg	100-250kg
Raw protein %	17,65	15,70
Raw fat%	2,96	3,11
Ash %	6,35	6,14
Raw cellulose %	6,72	6,92
Calcium %	1,03	1,01
Total Phosphores%	0,58	0,57
Sodium %	0,25	0,26



PROVIT FOR HEIFERS GJ-3%

with *phytogenic feed additive*

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR FATLING HEIFERS

Ingredients: Monocalcium phosphate, calcium carbonate, sodium chloride, sodium bicarbonate, phytogenic additive, vitamins, micro minerals and plant carrier.

Contains:

- High level of balanced vitamins and minerals.
- Phytogenic additive which is a mix of essential oils whose purpose is to improve digestion and conversion in heifers by controlling intestinal microflora better, as well as stimulating secretion of intestinal enzymes.

INSTRUCTIONS FOR USE:

Provit GJ – 3% with a phytogenic additive is used for preparation of complete and supplemental feed mixes for fatling heifers. Its share in complete mixes is 3%.

Packaging: 15kg

Advantages:

- Average growth which is achieved in fattening to 500kg is 1350-1450gr a day with excellent conversion.
- Heifers also have excellent body conformation and good abattoir parameters, which means higher market price.
- Fast, economic and profitable fattening.

PROVIT FOR HEIFERS GJ – 3%

SUPPLEMENTAL VITAMIN-MINERAL PREMIX FOR FATLING HEIFERS

Ingredients: Monocalcium phosphate, calcium carbonate, sodium chloride, sodium bicarbonate, vitamins, micro minerals and plant carrier.

Contains:

- High level of well-balanced vitamins and minerals.
- Bicarbonates which improve digestion.

INSTRUCTIONS FOR USE:

Provit GJ – 3% is used for preparation of complete and supplemental feed mixes for fatling heifers. Its share in complete mixes is 3%.

Packaging: 15kg

Advantages:

- Fatling heifers have excellent body conformation and good abattoir parameters, which means higher market price.
- Fast, economic and profitable fattening.

PROVIT LINE

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	HEIFERS 250-350kg
PROVIT GJ-3%	3
Soybean meal-44%	7
Sunflower meal-33%	20
Animal feed flour	15
Corn	55
TOTAL KG	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	HEIFERS 250-350kg
Raw protein %	16,00
Raw fat %	3,11
Ash %	5,62
Raw cellulose %	7,70
Calcium %	0,80
Total Phosphorus %	0,52
Sodium %	0,33

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	HEIFERS 250-350kg
PROVIT GJ-3%	3
Soybean meal-44%	7
Sunflower meal-33%	20
Animal feed flour	15
Corn	55
TOTAL KG	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	HEIFERS 250-350kg
Raw protein %	16,00
Raw fat %	3,11
Ash %	5,62
Raw cellulose %	7,70
Calcium %	0,80
Total Phosphorus %	0,52
Sodium %	0,33



These are 1% premixes and in that percentage they are mixed with other components when making complete mixes. The following premixes in this line are used for ruminants:

Hranamiks KM 1 %

The premix which is added together with other components used to produce complete feed mixes for dairy cows. It is added to the mix in the amount of 1% and is a source of vitamins and minerals necessary for dairy cows to produce milk and for their own needs.

Packaging: 1 and 10kg

Advantages:

- Good milk yield and milk quality.
- Better immunity and general health.
- Good production condition.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	DAIRY COWS
Hranamiks KM 1%	1
Corn	41,75
Corn bran	10
Wheat animal flour	12
Soybean cake	7
Sunflower meal	25
Monocalcium Phosphate	0,55
Animal feed salt	0,7
Calcium Carbonate powder	2
Total kg	100

Hranamiks GJ 1 %

The premix is designed for production of complete feed mixes for fatling heifers. It is a mix of vitamins and minerals needed for regular growth and development of fatling heifers. Its concentration in complete feed mixes is 1%.

Packaging: 1 and 10kg

Advantages:

- Shorter fattening with lower food consumption.
- Good health and strong immunity.
- Good body conformation.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	DAIRY COWS
Hranamiks GJ 1%	1
Corn	56,5
Corn bran	8
Wheat animal flour	12
Soybean cake	4
Sunflower meal-33%	15
Monocalcium Phosphate	0,6
Animal feed salt	0,7
Calcium carbonate powder	2,2
Total kg	100



Amino GT

The premix is designed for growing calves from 50 to 250kg

It is used in complete feed mixes in the concentration of 5%. Vitamins and mineral in this premix are well-balanced and there are also additives (prebiotics) and the carrier is a raw material rich in protein which influences the total level of protein in the complete mix it is added to.

Packaging: 5kg

Advantages:

- Easy adoption of concentrated food with high utilization of nutrients and excellent growth.
- Good health status and exceptional vitality of calves.
- Quick attainment of good physical condition.

Amino GJ

The premix is designed for heifers from 250kg until the end of fattening.

It is characterised by well-balanced vitamins and minerals which satisfy all needs of this category of beef cattle at this stage. The carrier is a protein feed which influences the total level of protein in the complete mix it is added to. It is used in complete feed mixes in the concentration of 5%.

Packaging: 5kg

Advantages:

- Maximal utilization of nutrients from meals, with quick growth and attainment of high final body mass.
- Excellent health status of beef cattle.
- Good physical condition and body conformation.

Amino GKM

The premix is designed for dairy cows.

It is added to complete feed mixes in the concentration of 5%. It contains optimal quantities of vitamins, minerals, beta carotene, flavours and a part of the carrier, which is a protein feed. It successfully satisfies the needs of dairy cows.

Packaging: 5kg

Advantages:

- High milk yield with reduced number of somatic cells.
- Better health status and physical condition of dairy cows and acidosis prevention.
- Excellent production capability.

AMINO LINE

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	CALVES	
	50-100kg	100-250kg
AMINO GT	5	5
Soybean cake	15	10
Sunflower cake-33%	12	17
Animal feed flower	12	15
Corn	56	53
TOTAL KG	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	CALVES	
	50-100kg	100-250kg
Raw protein %	17,5	17,08
Raw fat %	4,15	3,83
Ash %	5,5	5,60
Raw cellulose %	6,10	7,10
Calcium %	0,85	0,90
Total Phosphorus%	0,55	0,57
Sodium %	0,26	0,26

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	HEIFERS	
	250-350kg	Over 350kg
AMINO GJ	5	5
Soybean cake	5	/
Sunflower meal-33%	15	15
Animal feed flower	15	15
Corn	60	65
TOTAL KG	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	HEIFERS	
	250-350kg	Over 350kg
Raw protein %	17,5	17,08
Raw fat %	4,15	3,83
Ash %	5,5	5,60
Raw cellulose %	6,10	7,10
Calcium %	0,85	0,90
Total Phosphorus%	0,55	0,57
Sodium %	0,26	0,26

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	DAIRY COWS	
	up to 20l of milk a day	over 20l of milk a day
AMINO GKM	5	5
Soybean cake	5	10
Sunflower meal-33%	20	18
Animal feed flour	15	15
Corn	55	52
TOTAL KG	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	DAIRY COWS	
	up to 20l of milk a day	over 20l of milk a day
Raw protein %	16	17,20
Raw fat %	3,50	3,75
Ash %	5,90	5,95
Raw cellulose %	7,60	7,35
Calcium %	1	1
Total Phosphorus %	0,54	0,54
Sodium %	0,31	0,31

This line consists of: Hranino for ruminants, Hranino for lambs, Hranino for cows and Hranino for beef cattle.

Hranino for ruminants

The premix is designed for beef cattle, sheep and goats.

It is added to complete feed mixes in the concentration of 3%. It contains optimal quantity of well-balanced vitamins and minerals.

Packaging: 3kg

Advantages:

- Shorter fattening period with less food consumption and good milk yield.
- Exceptional vitality and good health of animals.
- Good physical condition and body conformation.

RECOMMENDATION FOR THE PREPARATION OF 100KG OF MIX:

FEED	Beef cattle			Sheep		Goat	
	Cows	Calves	Heifers	Sheep	Lamb	Goats	Kids
Hranino for ruminants	3	3	3	3	3	3	3
Corn	60	60	62	60	60	57	57
Soybean meal-44%	5	12	/	12	5	/	10
Sunflower meal-33%	17	15	20	15	17	20	15
Animal wheat flour	15	10	15	10	15	20	15
TOTAL KG	100	100	100	100	100	100	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	Beef cattle			Sheep		Goat	
	Cows	Calves	Heifers	Sheep	Lamb	Goats	Kids
Raw protein %	15,23	16,88	14,19	16,88	15,23	14,54	16,52
Raw fat%	3,24	3,06	3,31	3,06	3,24	3,33	3,14
Ash %	5,90	5,96	5,82	5,96	5,89	5,98	6,02
Raw cellulose %	6,70	6,30	7,08	6,29	6,70	7,35	6,49
Calcium %	0,85	0,86	0,84	0,86	0,84	0,84	0,85
Total Phosphorus%	0,57	0,55	0,58	0,55	0,57	0,61	0,57
Sodium %	0,32	0,31	0,32	0,31	0,32	0,33	0,31

Hranino for lambs

The premix is designed for lambs

It is added to complete feed mixes in the concentration of 2%. It contains well-balanced vitamins and minerals, as well as additives, phytogenic additives and flavours. Phytogenic additives have especially positive influence on complete health status of lambs.

Packaging: 2kg

Advantages:

- Quick growth, better meatiness
- Good vitality and health of lambs
- Excellent body conformation

RECOMMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	LAMBS
Hranino for lambs (with additives)	2
Corn	61
Soybean meal 44%	5
Sunflower meal 33%	17
Animal feed flower	15
TOTAL KG	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	LAMBS
Raw protein %	15,32
Raw fat %	3,28
Ash %	5,04
Raw cellulose %	6,72
Calcium %	0,57
Total Phosphorus %	0,57
Sodium %	0,21



Hranino for cows

The premix is designed for dairy cows.

It is added to complete feed mixes in the concentration of 3%. Apart from optimal content and ratio of vitamins and minerals it also contains additives which increase production results of dairy cows.

Packaging: 3kg

Advantages:

- Good milk yield with excellent milk quality
- Better immunity and general health condition
- Excellent production capability.

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	Dairy Cows
Hranino for cows	3
Corn	60
Soybean meal 44%	5
Sunflower meal 33%	17
Animal feed flour	15
TOTAL KG	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	Dairy Cows
Raw protein %	15,24
Raw fat %	3,24
Ash %	5,81
Raw cellulose %	6,69
Calcium %	0,76
Total Phosphorus %	0,59
Sodium %	0,33

Hranino for heifers

The premix is designed for fatling heifers.

This premix is added to complete feed mix in the amount of 3% of the total mix. It contains optimal quantities of vitamins and minerals which completely satisfy the needs of fatling heifers.

Packaging: 3kg

Advantages:

- Shorter fattening period
- Good health status and immunity of heifers in fattening
- Good body conformation

RECOMENDATION FOR THE PREPARATION OF 100KG OF THE MIX:

FEED	Fatling Heifers
Hranino for heifers	3
Corn	62
Sunflower meal 33%	20
Animal feed flour	15
TOTAL KG	100

Chemical composition of the complete mix following the recommendation:

CHEMICAL COMPOSITION	Fatling Heifers
Raw protein %	14,20
Raw fat %	3,31
Ash %	5,77
Raw cellulose %	7,08
Calcium %	0,77
Total Phosphorus %	0,58
Sodium %	0,37



Golden dust

It is a growth stimulant for pigs.

It is added to complete feed mixes in the concentration of 0.5%. It contains prebiotics, flavours, minerals which directly positively influence growth speed, as well as different energy additives.

Packaging: 1kg

Advantages:

- Excellent food consumption and conversion and animal growth
- It is beneficial to vitality and health
- Good physical condition of animals



Supplement Zn

Mineral premix with the addition of zinc

This premix is added to complete feed mixes in the concentration of 2%. Apart from zinc other minerals are added too as well as energy additives. The purpose of this product is primarily to prevent diarrhoea in piglets.

Packaging: 1kg

Advantages:

- Good production performances in fattening: growth, conversion and consumption
- Significantly reduces probability of diarrhoea and is beneficial for overall health condition
- It is beneficial for physical condition of animals



Foskalvit

Supplemental mineral-vitamin mix designed for all kinds of domestic animals.

It is added to complete feed mixes in the concentration of 2%.

Packaging: 2kg

Advantages:

- Better consumption and conversion of food, as well as better growth
- Better overall health condition
- Good physical condition of animals



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