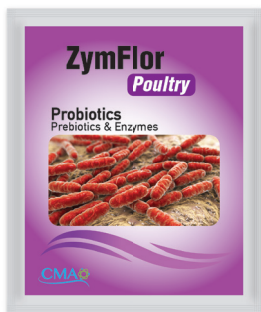


Discover the Future!

New Product Groups to Maintain Poultry Health and Productivity



ZymFlor Poultry



New Generation Biological Nutritional Product

Protect The Intestines, Protect All Body

Antibiotics, vaccinations, intestinal illness, change to feed, climatical changes, transport stress and other environmental changes cause disorder of normal flora

Properties:

- ZymFlor Polutry protects digestive system health by natural ways, due to above conditions.
- Probiotics, Prebiotics and enzymes are used to prevent infections and development of pathogenic microorganisms in digestive system and support development of immune system of poultry.
- Prevents diarea, unabsorbed feed, intestine damage, unsufficient digestion.
- Support immune system.
- **The First and Unic Probiotic Product Isolated from Local Poultry Digestive System**

Usage and Description: The microorganisms in its contents help to regulate the digestive system and support the immune system. In poultry, 0.5 g is enough for 10 L drinking water or 1 g is enough for 10 kg feeds every 6-8 hours during the day.

Practical Dose: 5 g per day is enough for 1 ton of live weight.

Cautions and Adverse Effects: If added into the drinking water, water should not contain chlorine and antibiotics.

Storage Conditions: It should be stored in a cool, dry place without sunlight.

Best Use: It should be used within 18 months from production date.

Packaging: 50 x 4 g sachet in Box, 10 x 50 g sachet in Box

THIS IS NOT A MEDICINE, FEED PREMIX. NOT USED FOR TREATMENT.

Probiotics Prebiotics-Enzymes

Content:

Active substance	Premix level (in 1 kg)	Units
Probiotics (10 g) also contain adjunct culture and CE culture.		
<i>Lactobacillus acidophilus</i>	$\geq 1 \times 10^{10}$	CFU
<i>Pediococcus acidilactici</i>	$\geq 1 \times 10^{10}$	CFU
<i>Bacillus subtilis</i>	$\geq 1 \times 10^{10}$	CFU
Prebiotics		
Inulin	100	g
MOS	200	g
Enzymes (in 100 g carrier)		
Xylanase	2.200.000	BXU
Cellulase	270.000	FPUi
Glucanase	100.000	FBG
Phytase	1.000.000	PPU
Carriers		
Maltodextrine	590	g

CFU: Colony Forming Unit



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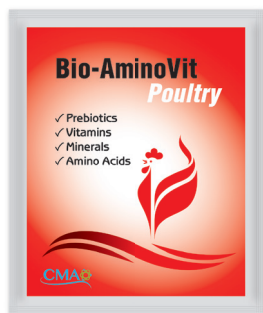
Bio-AminoVit *Poultry*

High Resistance

Antibiotics, vaccinations, intestinal illness, change to feed, climatical changes, transport stress and other environmental changes cause disorder of normal flora

EFFERVESCENT

STRONG IMMUNE SYSTEM



Properties:

- Bio-AminoVit Poultry Nutritional product, comply need of Prebiotic, Vitamins, Minerals, Amino Acid of poultry populations.
- Develop capacity via supporting hair, skin health bone development prevent stress.
- Strong formula support to immune system and increase susceptibility.
- Efervesant formulation easily and homogenously mix with water.
- Prebiotic contents increase effect of probiotics in digestive system, regulate digestion increase vitamin synthesis and absorbtion of minerals.
- **The First and Unic Prebiotic Product with quatro combination**

Usage and Description: After mixing well, 0.5 g is added into 10 L drinking water or 1 g is added into 10 kg feed of poultry to meet their prebiotic, vitamin, mineral and amino acid needs.

Practical dose: 5 g per day is enough for 1 ton of live weight.

Cautions and Adverse Effects: As it contains Vitamin D3, use with products containing vitamin D2 is prohibited. Safety glasses, gloves and a mask must be worn during use.

Storage Conditions: It should be stored in a cool, dry place without sunlight.

Best Use: It should be used within 24 months from production date.

Packaging: 50 x 4 g sachet in Box, 10 x 50 g sachet in Box

THIS IS NOT A MEDICINE, FEED PREMIX. NOT USED FOR TREATMENT.

Prebiotics-Vitamins Minerals-Amino Acids

Content:

Active substance and premix level (in 1 kg)	
Vitamins	Trace Minerals
Vitamin A 30.000.000 IU	Zinc 840 mg
Vitamin D3 5.000.000 IU	Copper 600 mg
Vitamin E 30.000 mg	Selenium 20 mg
Vitamin K3 10.000 mg	Amino Acids
Vitamin C 150.000 mg	DL-Methionine 20.000 mg
Vitamin B1 20.000 mg	Prebiotics
Vitamin B2 25.000 mg	Inulin 150.000 mg
Niacin 30.000 mg	MOS 132.090 mg
Choline chloride 1.000 mg	Preservative
Pantothenic acid 10.000 mg	Sodium propionate 50.000 mg
Vitamin B6 2.000 mg	Carriers
D-Biotin 40 mg	Magnesium sulphate 10.000 mg
Folic acid 1.000 mg	Sodium bicarbonate 300.000 mg
Vitamin B12 10 mg	Potassium chloride 17.400 mg



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ZoeMultienzyme

Digestive Enzymes



High utilisation of feed

The winged animals are single-pelted. For this reason, they can not digest complex sugars such as cellulose. Winged feeds are made up of cereals with high cellulose content

Specifications:

- It increases digestibility of basic raw materials.
- It increases the metabolic energy of the ration by 4-7%.
- Instead of corn, alternative raw materials such as wheat, rice cobbles can be used as long as it is economical.
- Decreases FCR.
- Decreases operational costs.
- It improves the quality of herbal protein sources.

Intended Use and Description: In order to increase the digestibility of the feeds it is used by adding 5-10 g to 10 kg food to broiler chick, broiler chickens, egg chickens and other birds.

Warnings and Adverse Effects: It is used for feeds that are rich in Endo 1,4 beta xylanase and polysaccharides that are not starch. For 6-phytase, the maximum usage amount for 1 kg of mixed feed should not exceed 1,000 PPU.

Storage Conditions: It should be stored in a cool, dry place without sunlight.

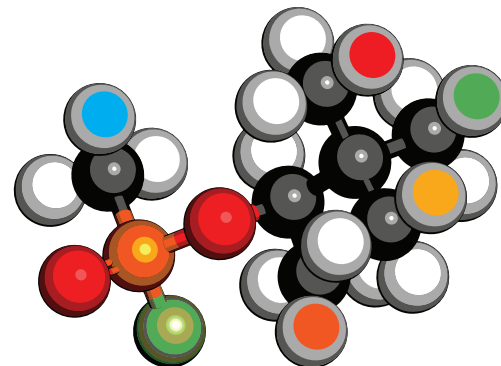
Shelf Life: 24 months

Package: 50 g x 10 pcs

THIS IS NOT A MEDICINE, FEED PREMIX. NOT USED FOR TREATMENT.

Content:

Active substance	Premix level (in 1 kg)	Units
Endo - 1,3 (4) - beta glucanase	2.350.000	FBG
Endo - 1,4 - beta glucanase	4.000.000	FBG
Alfa - amylase	400.000	DU
Bacillolysine (protease)	450.000	HUT
Endo - 1,4 - beta xylanase	20.000.000	BXU
3 - Phytase	1.000.000	PPU



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Approval Date: 06/01/2014

ZoeShell



**Firm bone,
firm egg shell**

Specifications:

- It standardizes calcium and phosphorus metabolism.
- It minimizes leg problems, optimizes live weight gain and utilization of feed.
- Provides visible improvement in deformed, lumpy eggs.
- By improving the quality of the shell, it provides a significant reduction in the rate of cracks and occult cracks.
- Reduces the proportion of dirty eggs.
- It strengthens bone structure in broilers and has positive effect on live weight before cutting.

Intended Use and Description: 10 g of Vitamin D3 is mixed with 10 kg feed for laying hens and cage layer for satisfying the need of trace mineral and strengthening the egg shell.

Warnings and Adverse effects: Since it contains vitamin D3, it is forbidden to use it with products containing vitamin D2.

For safety, glasses, gloves, mask must be worn during use.

Storage Conditions: It should be stored in a cool, dry place without sunlight.

Shelf Life: 24 months

Package: 50 g x 10 pcs

THIS IS NOT A MEDICINE, FEED PREMIX. NOT USED FOR TREATMENT.

Joint Strengthenener Shell Regulator

Content:

Descriptive Numbers	Active substance	Additive name	Premix level (in 1 kg)	Units
Vitamins				
E 671	Vitamin D3	Cholecalciferol	2.500.00	IU
Trace minerals				
E1	Demir/Iron	Iron sulphate	40.000	mg
E 6	Çinko/Zinc	Zinc sulphate	50.500	mg
E5	Mangan/Mangan	Manganese sulphate	30.000	mg
E4	Bakır/Copper	Copper sulphate	10.500	mg
E2	İyot/Iodine	Calcium iodate	1.000	mg
E8	Selenyum/Selenium	Sodium selenite	200	mg
E3	Kobalt/Cobalt	Cobalt sulphate	120	mg
Carriers				
11.1.2	Öğütülmüş istiridye kabuğu/ Grilled oyster shell	Grilled oyster shell	75.000	mg
11.4.2	Sodium bicarbonate	Sodium bicarbonate	25.000	mg
11.1.1.	Calcium Carbonate	Calcium Carbonate	203.925	mg



Approval No: αTR-0600121

Approval Date: 06/01/2014

ZoeVit-K

Bleeding Prevention Growth Factor



**Contains Vitamin A and
blood coagulant Vit K3**

Specifications

Reduces intestinal epithelial destruction which is caused by illnesses such as haemorrhage, coccidiosis and intestinal diseases for calves, lambs, kids, and winged animals and is used for supporting stress situation and body resistance. In cases of bleeding, vitamin K is involved in blood coagulation.

Intended Use and Description: 0,5 g product added to 2 L of drinking water, for poultry. Applied for 3-5 days.

Warnings and Adverse Effects: For safety, glasses, gloves, mask must be worn during use.

Storage: Keep in cool and dry places without sunshine.

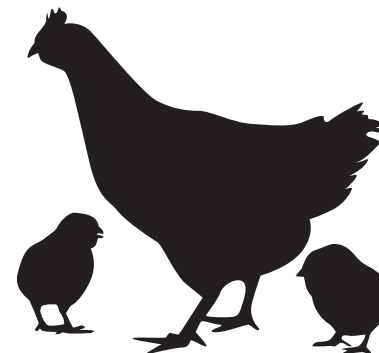
Shelf Life: 24 months

Package: 50 g x 10 pcs

THIS IS NOT A MEDICINE, FEED PREMIX. NOT USED FOR TREATMENT.

Content:

Descriptive Numbers	Active substance	Additive name	Premix level (in 1 kg)	Units
Vitamins				
3a672a	Vitamin A	Retinol acetate	20.000.000	IU
	Vitamin K3	Menodione sodium bisulfite	8.000	mg
Antioxidants				
	Antioxidant	Antioxidant (BHT)	5.000	mg
Carriers				
8.9.1	Maltodextrine	Maltodextrine	93.9	%



Approval No: αTR-0600121
Approval Date: 06/01/2014

ZoeVit-ES

Antioxidant Muscle Strengthening



**High content of vitamin E and
selenium for winged
animals**

Specifications

It meets the needs of vitamins and minerals for livestock and poultry and is effective on growth, fertility, white muscle disease and stress.

Intended Use and Description: 5 g product added to 2 L of drinking water and applied for 5-7 days.

Warnings and Adverse Effects: Should be used with caution in animals with sensitivity to Vit-E and Selenium.

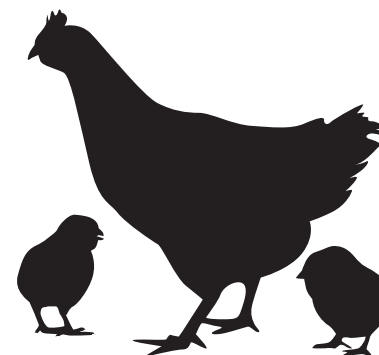
Storage Conditions: It should be stored in a cool, dry place without sunlight.

Shelf Life: 24 months

Package: 50 g x 10 pcs

Content:

Descriptive Numbers	Active substance	Additive name	Premix level (in 1 kg)	Units
Vitamins				
3a700	Vitamin E	α tokoferol acetate	30.000	mg
Trace minerals				
E8	Selenium	Sodium selenite	200	mg
Carriers				
8.9.1	Maltodextrine	Maltodextrine	93.56	%



THIS IS NOT A MEDICINE, FEED PREMIX. NOT USED FOR TREATMENT.

Approval No: α TR-0600121
Approval Date: 06/01/2014

Biocon-a

Concentrated Powder Disinfectant



Practical packaged product that provides full protection of surface and air disinfection

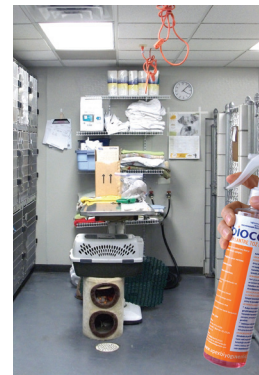
Specifications:

- High and broad spectrum effect against all virus families, bacteria, mould, yeast, and fungi.
- It does not harm the mucous membrane and does not irritate the respiratory tract.
- Both cleans and disinfects.
- It does not harm human, animal and environmental health.
- There is no filling material in its formula.

Uses and Applications: With its practical package, on equipments, foot ponds, clinic, operation room, and general disinfection 1/100, Sceded, herpesvirus, water line 1/200, bird influenza, bird flu 1/280, Leptospirosis, listeria 1/300, dilution 300 ml solution spraying is applied to each m² surface area, 10 min contact is provided. Disinfection of the water line is prepared 1/200, it is given to the whole line, waited for one hour, then it is rinsed with clean water. Air spray is prepared 1/200, pressure spray device is used. For 100 m² area, 5 L solution is sufficient.

Storage Conditions and Shelf Life: 24 months from the date of manufacture.

Commercial Presentation Form: 5 g x 20 pcs, 50 g x 10 pcs



Ingredients: 50% Potassium peroxymonosulfate, as well as organic acids which produce a synergistic effect, surfactants and inorganic buffer systems.

Environmental Health Products



Alphi Granule



For the Control of houseflies, a residual effective granular biocide product and an fast effective product, which is used by painting spraying and cartboard spray in Poultry Houses, around and manure collection areas

Intended Use

Contains 10 % Azetmethiphos and natural pheromone, it is a unique organophosphate group insecticide. It exhibits a high level of attractant-Knock-Down and Killing effect in all male and female house flies (*Musca domestica*) in the season when the weather is warm and hot and in all kinds of temperature conditions. It is very easy to prepare with granular formulation and high absorption ability. It is recommended to use in the following doses. It shows long residual activity for 5 weeks in application area. In terms of reactivating its effect, it is beneficial to spray only every two to three days spray with water.

Application

ALPHI	100 g Product	250 g Product
Painting	100 ml water + 100 g Alphi	250 ml water + 250 g Alphi
For Cardboard Painting	32 ml water + 100 g Alphi	80 ml water + 250 g Alphi

Storage Conditions and Shelf Life: Store at +5 to +25 °C. Keep the packing cover tightly closed. Do not stack more than 2 bins. Do not expose to direct sunlight. Shelf life is 24 months from the date of manufacture.

Commercial Presentation Form: 100 g and 250 g original metal containers

Housefly Granuler Insecticide



**EU REGISTERED BIOCIDAL PRODUCT
CONTROLS HOUSEFLIES IN POULTRY FARMS**



Contents: Azamethiphos 10.0%

Nora Pasta

Rodenticide Ready To Use Product



Biocide Paste product applied in Poultry Farms with bait station for the control of rodents

Intended Use

Nora Paste should be put in places where rats and mice can easily reach it, for instance at places where their droppings are sighted, at places where there are tooth marks, in corners and along the walls and between the ceiling. Make sure the product is well placed so that the content doesn't fall out. Please don't leave any food where the mice and rat can feed on. Nora Paste should be checked every 5-7 days, if there is a decrease it should be refilled. Spilled bait or filling must be destroyed/ disposed. If dead mouse or rat seen around, it should be collected with a glove. Afterward both should be burnt or buried. Nora Paste should be placed in special stations where children and pets can't reach it, where it is away from rainy or moist weather conditions. The stations must be placed in such a way that mice and rats can't move it and can't spill the bait once they have entered. Bait station must be warned with a writing on stating "WARNING, RAT POISON". Rodents that eat Nora Paste do not die immediately with difenacoum within and its second generation anticoagulant (Single Dose) effective characteristic and clotting inhibitor structure. Since the death occurs within 4-10 days, the other mice can not understand the cause of death. This allows the paste to retain its attractiveness by other rats. The intense cereal contained in it and the aroma odour, it carries a perfect charm for the mice. With strong content, it is enough for the mice to consume a small amount of Nora Pasta. For mice, this amount is determined to be 0.4 g per day. The consistency of Nora Pasta is more preferred by mice than by block or pellet-like food. Since it is liked by mice and is low on amount, it can be finished by mice at one time. It gives a bad taste (Bitrex) for animals other than mice and this prevents consuming with accident.

Application: In order to be able to be used for the purpose, it must be applied to the bait stations within garbage areas, food&feed stores, farming area, and so on. Use of gloves when pastes are placed at bait stations is an important detail to in order to prevent rodents to feel human smell.

In closed and open areas, place bait boxes on the transition routes of mice and rats. 9 pieces (90 g) should be put in the bait boxes of the mice every 3-5 meters. The amount of food required for mice to die is 0.4 g. 13 pieces (130 g) should be put in the bait boxes of the rat every 5-10 meters. The amount of food required for a rat to die is 9 g. Check feed traps frequently, especially within the first 10 days. Change feeds that are reduced and replaced in bait boxes with new ones. Continue this process until the feed starts to decrease.

Storage Conditions and Shelf Life: Keep original container, store in a dry and well ventilated stores at 25°C±2°C keep away from the reach of the children and from direct sunlight.

Shelf life 2 years, starting from the production date when stored in normal storage conditions.

Commercial Presentation Form: Available in 90 g – 250 g, 500 g, 5 Kg and 10 Kg original packages.



PRODUCT RODENT CONTROL



Contents: Difenacoum 0,005 %, Bitrex 0,001 %
Natural Food Pheromones (Sunflower-Wheat Flour-Fish Oil)

Registered rodenticide Pasta Biocide Product in EU.

Maggots SG

Housefly Soluble Granule IGR Larvicide



For the control of housefly maggots, permanent effective granule biocidal product to be used in Poultry Farms (all ground surfaces, garbage areas, water deposits and manure pools)

Intended Use

The 2% Cyromazine in its content is effective in preventing the normal skin change during the third pupa period of housefly maggot. Since the pupa can not complete the change of skin, it will die before passing to the next stage. It shows residual activity for 3 weeks in application area. It can be used during the period when warm temperatures continue from the beginning of the warm season. There are 3 different usage forms for different environmental conditions with its soluble granular formulation. SG formulation is mixed easily with water and active ingredient is homogeneously.

Dry Application: This method should be preferred for applications in wet and garbage areas.

Spraying: This method should be preferred for applications in dry and haylofts.

Irrigation: This method should be preferred for applications in dry and dump areas.

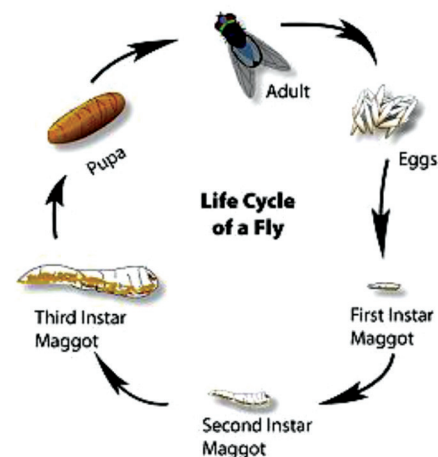
It is recommended to use in the following doses.

Application

MAGGOTS	250 g Product (For 10m ² area)
Dry Application	Spreading Style Application (250 g for Maggots 10 m ²)
Spraying	4 L water + 250 g for Maggots 10 m ²
Irrigation	10 L water + 250 g for Maggots 10 m ²

For Spraying and Irrigation: The application is made according to the chart on the table on the side.

MAGGOTS granules are poured and, resulting solution is mixed well until the granule becomes homogeneous.



Contents: Cyromazine 2 %

Registered IGR Larvicide Biocide Product in EU.

Storage conditions and shelf-life:

Store at +5 to +25 °C. Keep the packing cover tightly closed. Do not stack more than 2 bins. Do not expose to direct sunlight.

Shelf life is 24 months from the date of manufacture.

Commercial Presentation Form: Available in 500 g and 1-5 kg packages

For life

Protect The Intestines, Protect All Body



CMA BIOTECHNOLOGY&VET PHARMACOLOGICALS CO.

Cevizli Mah. Zuhâl Cad. A6 Blok No: 46 F/40

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