



**Ariana knowledge-based company**

**Producer of advanced feed additives for  
ruminants, poultry, and aquatic animals**

**———— *Poultry feed additives* ————**

# MultiAct-B<sup>®</sup>

Enriched premix for broilers (0.5%)



## Beneficial effects:

- Improving the function of immune system
- Reducing the mortality
- Reduction of Lameness in the herd
- Improving the FCR
- Reduction of the length of rearing period
- Reduction of producing harmful gases and respiratory problems

**Recommended consumption amount:** 5 kg/t of diet

Ingredients	
Beneficial microbes (at least 10 <sup>9</sup> cfu/g)	<i>L. pentosus</i> <i>L. plantarum</i> <i>L. casei</i> <i>L. rhamnosus</i> <i>B. subtilis</i> <i>B. licheniformis</i> <i>B. coagulans</i>
Microbial metabolites	Enzymes (protease, xylanase, amylase) Organic acids (lactate, acetate, propionate, butyrate) Bioactive peptides
Prebiotics	B-glucans Xylooligosaccharide Mannan oligosaccharide
Organic minerals	Organic calcium (amino Ca) about 5 percent of daily requirement
	Organic zinc (Amino Zn) about 30 percent of daily requirement
	Organic manganese (Amino Mn) about 30 percent of daily requirement
	Organic copper (Amino Cu) about 30 percent of daily requirement
	Organic iron (Amino Fe) about 30 percent of daily requirement
	Organic cobalt (Amino Co) about 30 percent of daily requirement
	Selenium-methionine (Amino Se) about 30 percent of daily requirement
	Chromium-methionine (Amino Cr) 100 percent of daily requirement

# MegaMix-B<sup>®</sup>

Mineral-vitamin premix for broilers (1.5%)



Analysis of nutrients based on dry matter

Vitamin A	800000	IU/Kg
Vitamin D3	330000	IU/Kg
Vitamin E	4000	mg/Kg
Vitamin K	270	mg/Kg
Vitamin B1	200	mg/Kg
Vitamin B2	530	mg/Kg
Vitamin B3	1000	mg/Kg
Vitamin B5	4000	mg/Kg
Vitamin B6	230	mg/Kg
Vitamin B9	135	mg/Kg
Vitamin B12	1	mg/Kg
Vitamin H2	13	mg/Kg
Choline	20000	mg/Kg
Zinc (organic & inorganic)	0.67	%
Copper (organic & inorganic)	0.08	%
Iron (organic & inorganic)	0.27	%
Manganese (organic & inorganic)	0.8	%
Cobalt (organic & inorganic)	0.0033	%
Chromium (organic)	0.003	%
Selenium (organic & inorganic)	0.002	%
Iodine (inorganic)	0.008	%
Calcium (organic & inorganic)	1.45	%
Phosphorus	0.74	%
Lysine	1.33	%
Methionine	1.1	%
Fermented concentrate (enriched with <i>Lactobacillus</i> , <i>Bacillus</i> and microbial metabolites)	10	%
Prebiotics (Mannan-oligosaccharides, B-glucans, and Fructo-oligosaccharides)	3	%
Aromatic herbal compounds	0.5	%
Other ingredients (toxin binder, Multi-enzyme, and other additives)		

## To be used in broilers

**Recommended consumption amount:** 15 kg/t of diet

**Packaging:** 25 kg 3-layer composite packs

## Beneficial effects:

- Providing all vitamin and mineral requirements of the poultry
- Improving the function of immune system
- Reducing the mortality
- Increasing resistance to diseases
- Reduction of Lameness in the herd
- Improvement of growth and daily weight gain  
Improving the FCR
- Reduction of producing harmful gases through reducing ammonia and hydrogen sulfate

# MultiAct-L<sup>®</sup>

for laying poultry

(0/5%)

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- Improving the quantity and quality of egg production
- Improving the quantity of eggshell, and reducing the percentage of broken eggs
- Increasing the percentage of hatching in breeding poultry
- Reduction of Lameness and in the herd

Ingredients	
Beneficial microbes (at least 10 <sup>8</sup> cfu/g)	<i>L. pentosus</i> <i>L. plantarum</i> <i>L. casei</i> <i>L. rhamnosus</i> <i>B. subtilis</i> <i>B. licheniformis</i> <i>B. coagulans</i>
Microbial metabolites	Enzymes (protease, xylanase, amylase) Organic acids (lactate, acetate, propionate, butyrate) Bioactive peptides
Prebiotics	B-glucans Xylooligosaccharide Mannan oligosaccharide
Organic minerals	Organic calcium (amino Ca) about 5 percent of daily requirement Organic zinc (Amino Zn) about 30 percent of daily requirement Organic manganese (Amino Mn) about 30 percent of daily requirement Organic copper (Amino Cu) about 30 percent of daily requirement Organic iron (Amino Fe) about 30 percent of daily requirement Organic cobalt (Amino Co) about 30 percent of daily requirement Selenium-methionine (Amino Se) about 30 percent of daily requirement Chromium-methionine (Amino Cr) 100 percent of daily requirement

**To be used in laying and breeding poultry**  
**Recommended consumption amount: 5 kg/t**  
of diet

**Packaging: 25 kg 3-layer composite packs; 10 kg buckets**



# MegaMix-P<sup>®</sup>

Mineral-vitamin premix for laying hens in rearing period (1.5%)

Analysis of nutrients based on dry matter

Vitamin A	800000	IU/Kg
Vitamin D3	220000	IU/Kg
Vitamin E	1600	mg/Kg
Vitamin K	200	mg/Kg
Vitamin B1	167	mg/Kg
Vitamin B2	400	mg/Kg
Vitamin B3	1000	mg/Kg
Vitamin B5	4000	mg/Kg
Vitamin B6	330	mg/Kg
Vitamin B9	67	mg/Kg
Vitamin B12	1.33	mg/Kg
Vitamin H2	13	mg/Kg
Vitamin C	30000	mg/Kg
Choline	20000	mg/Kg
Zinc (organic & inorganic)	4660	mg/Kg
Copper (organic & inorganic)	560	mg/Kg
Iron (organic & inorganic)	5600	mg/Kg
Manganese (organic & inorganic)	6500	mg/Kg
Cobalt (organic & inorganic)	6.7	mg/Kg
Chromium (organic)	26	mg/Kg
Selenium (organic & inorganic)	20	mg/Kg
Iodine (inorganic)	80	mg/Kg
Calcium (organic & inorganic)	14500	mg/Kg
Phosphorus	8000	mg/Kg
Lysine	11.5	%
Methionine	5.2	%
Fermented concentrate (enriched with <i>Lactobacillus</i> , <i>Bacillus</i> and microbial metabolites)	10	%
Prebiotics (Mannan-oligosaccharides, B-glucans, and Fructo-oligosaccharides)	3	%
Aromatic herbal compounds	0.5	%
Other ingredients (toxin binder, Multi-enzyme, and other additives)		

## Beneficial effects:

- Providing all vitamin and mineral requirements of the poultry in rearing period
- Improving the function of immune system
- Reducing the mortality
- Increasing resistance to diseases
- Improving the uniformity of the herd at the end of rearing period

To be used in laying and breeding poultry

Recommended consumption amount: 15 kg/t of diet

Packaging: 25 kg 3-layer composite packs

# MegaMix-L<sup>®</sup>

Mineral-vitamin premix for laying hens in production period (1.5%)

## Beneficial effects:

- Providing all vitamin and mineral requirements of the poultry in production period
- Improving the function of immune system
- Improving the FCR
- Increasing the production yield
- Reducing the percentage of broken eggs
- Increasing resistance to diseases
- Increasing the herd-life length

To be used in laying and breeding poultry

Recommended consumption amount:

15 kg/t of diet

Packaging: 25 kg 3-layer composite packs

Analysis of nutrients based on dry matter

Analysis of nutrients based on dry matter	
Vitamin A	700000 IU/Kg
Vitamin D3	220000 IU/Kg
Vitamin E	1300 mg/Kg
Vitamin K	200 mg/Kg
Vitamin B1	130 mg/Kg
Vitamin B2	330 mg/Kg
Vitamin B3	800 mg/Kg
Vitamin B5	2700 mg/Kg
Vitamin B6	330 mg/Kg
Vitamin B9	67 mg/Kg
Vitamin B12	1.3 mg/Kg
Vitamin H2	7 mg/Kg
Vitamin C	30000 mg/Kg
Choline	20000 mg/Kg
Zinc (organic & inorganic)	4600 mg/Kg
Copper (organic & inorganic)	560 mg/Kg
Iron (organic & inorganic)	5600 mg/Kg
Manganese (organic & inorganic)	6500 mg/Kg
Cobalt (organic & inorganic)	6.7 mg/Kg
Chromium (organic)	26 mg/Kg
Selenium (organic & inorganic)	20 mg/Kg
Iodine (inorganic)	80 mg/Kg
Calcium (organic & inorganic)	19800 mg/Kg
Phosphorus	11000 mg/Kg
Lysine	11.5 %
Methionine	5.2 %
Fermented concentrate (enriched with <i>Lactobacillus</i> , <i>Bacillus</i> and microbial metabolites)	10 %
Prebiotics (Mannan-oligosaccharides, B-glucans, and Fructo-oligosaccharides)	3 %
Aromatic herbal compounds	0.5 %
Other ingredients (toxin binder, Multi-enzyme, and other additives)	

# Yeasto-Lyz<sup>®</sup>

Hydrolysed yeasts

(enriched concentrate for poultry)

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This product is consisted of yeast extract, cell-wall of yeasts, mannan oligosaccharides, microbial B-glucans, and herbal oligosaccharides. The collection of these beneficial ingredients have synergic effects on the growth of probiotics and their colonization in the intestine. This product also inactivates pathogens, reduces the pH of the intestine, improves the developments of intestinal structure, simulates the production of enzymes and volatile fatty acids, inhibits the heavy metals and mycotoxins, improves the function of immune system, increase the growth and daily weight gain, and reduces the FCR in broilers and laying poultry.

## **Beneficial effects:**

Improving the function of immune system

Increasing resistance to diseases

Accelerating the development of gastrointestinal tract and increasing the nutrient absorption

Reduction of the population of pathogen microorganisms, such as Salmonella and E. coli

Elimination of fungal poisons and heavy metals (mycotoxins)

## **Ingredients**

Yeast extract, cell-wall of yeasts (B-glucans & mannan oligosaccharide), Media and microbial metabolites, and herbal oligosaccharides

## **To be used in poultry**

Recommended consumption amount: 1 to 2 kg/t of diet

The recommended consumption amount may be increased in some stress conditions and/or based on nutritionist prescription

**Storing conditions:** at 15 to 25 degrees centigrade, on the pallet; keep away from direct sunlight, and out of reach of birds and insects

**Packaging:** 25 kg 3-layer composite packs



Lacto-Mix is produced through a fermentation process using Lactobacillus strains having high probiotic ability. This product is rich in "generally recognized as safe" probiotics and their microbial metabolites, which improves the general health and the function of immune system in poultry

### **Beneficial effects:**

Improving the function of immune system

Increasing resistance to diseases

Accelerating the development of gastrointestinal tract and increasing the nutrient absorption

Reduction of the population of pathogen microorganisms, such as Salmonella and E. coli

Elimination of fungal poisons (mycotoxins) and heavy metals

### **Ingredients**

Probiotics, including L. pentosus, L. plantarum, L. casei, and L. rhamnosus (at least 108 cfu/g)

Prebiotics (B-glucans & mannan oligosaccharide)

Microbial metabolites, including enzymes (protease, xylanase, amylase), organic acids (lactate, acetate, propionate, butyrate), bacteriocins, antioxidants, and bioactive peptides

### **Beneficial effects:**

Increasing the population of beneficial microorganisms

Reduction of the population of pathogen microorganisms

Improving the morphology of the intestine, leading to better absorption of nutrients

Reduction of diarrhea, gastrointestinal disorders, and metabolic diseases

Improving the function of immune system and resistance to diseases

### **To be used in poultry**

Recommended consumption amount: 1 to 2 kg/t of diet

The recommended consumption amount may be increased in some stress conditions and/or based on nutritionist prescription

**Storing conditions:** at 15 to 25 degrees centigrade, on the pallet; keep away from direct sunlight, and out of reach of birds and insects

**Packaging:** 25 kg 3-layer composite packs



# Bacilo-Mix<sup>®</sup>

## Fermented concentrate enriched with Bacillus, formulated for poultry

Bacilo-Mix is produced through a fermentation process using Bacillus strains having high heat-resistance ability. This product is rich in alive probiotics and their microbial metabolites, which improves the function of immune system and gastro-intestinal tract in poultry

### **Beneficial effects:**

Improving the function of immune system

Increasing resistance to diseases

Accelerating the development of gastrointestinal tract and increasing the nutrient absorption

Reduction of the population of pathogen microorganisms, such as Salmonella and E. coli

Elimination of fungal poisons (mycotoxins) and heavy metals (mycotoxins)

### **Ingredients**

Heat-resistance Bacillus strains, including B. subtilis, B. lichiiformis, B. coagulans (at least 108 cfu/g)

Prebiotics (B-glucans & mannan oligosaccharide)

Microbial metabolites, including enzymes (protease, xylanase, amylase), antioxidants, and bioactive peptides

### **Beneficial effects:**

Improving the function of immune system and resistance to diseases

Improving the function of gastro-intestinal tract

Reduction of diarrhea, gastrointestinal disorders, and metabolic diseases

### **To be used in poultry**

Recommended consumption amount: 1 to 2 kg/t of diet

The recommended consumption amount may be increased in some stress conditions and/or based on nutritionist prescription

**Storing conditions:** at 15 to 25 degrees centigrade, on the pallet; keep away from direct sunlight, and out of reach of birds and insects

**Packaging:** 25 kg 3-layer composite packs





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**———— Poultry feed additives ————**

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