



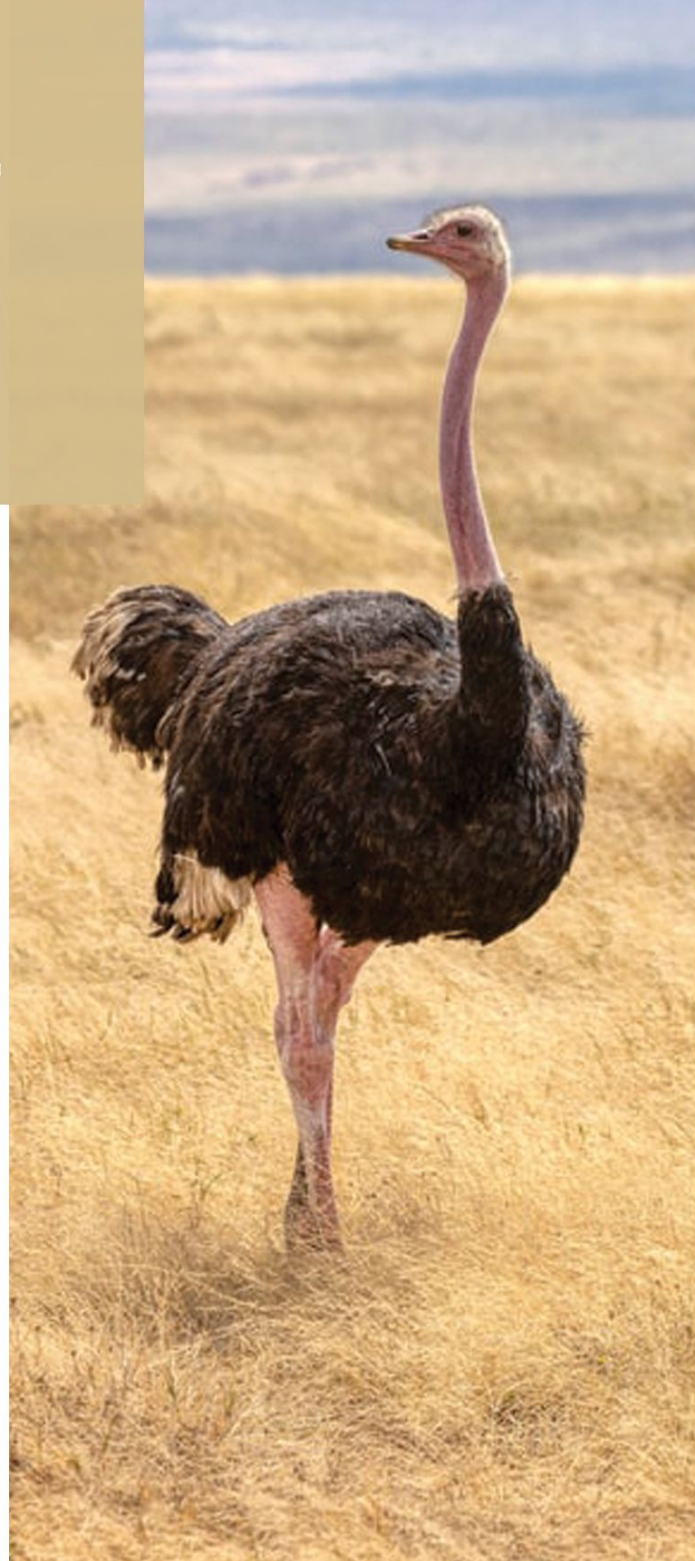
Ariana knowledge-based company

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

———— *Ostrich feed additives* ————

MegaMix-O[®]

Mineral-vitamin premix
for Ostriches (1.5%)



Analysis of nutrients based on dry matter

Vitamin A	1000000	IU/Kg
Vitamin D3	200000	IU/Kg
Vitamin E	5000	mg/Kg
Vitamin K	240	mg/Kg
Vitamin B1	200	mg/Kg
Vitamin B2	650	mg/Kg
Vitamin B3	1300	mg/Kg
Vitamin B5	4000	mg/Kg
Vitamin B6	300	mg/Kg
Vitamin B9	120	mg/Kg
Vitamin B12	7	mg/Kg
Vitamin H2	8	mg/Kg
Vitamin C	30000	mg/Kg
Zinc (organic & inorganic)	0.73	%
Copper (organic & inorganic)	0.14	%
Iron (organic & inorganic)	0.34	%
Manganese (organic & inorganic)	1.13	%
Cobalt (organic & inorganic)	0.0018	%
Chromium (organic)	0.002	%
Selenium (organic & inorganic)	0.002	%
Calcium (organic & inorganic)	1.45	%
Phosphorus	0.8	%
Lysine	1.33	%
Methionine	1.1	%
Fermented concentrate (enriched with probiotics and their microbial metabolites)	10	%
Prebiotics (Mannan-oligosaccharides and B-glucans)	3	%
Aromatic herbal compounds	0.5	%
Other ingredients (L. carnitine, toxin binder, Multi-enzyme, and other additives)		

To be used in ostriches

Recommended consumption amount: 15 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; 10 kg buckets

Beneficial effects:

- Providing all vitamin and mineral requirements of ostriches
- Improvement of growth and daily weight gain
- Improving the FCR and production yield
- Improving the function of immune system
- Increasing resistance to diseases



MultiAct-B[®]

Enriched premix for
fattening ostriches (0.5%)

Ingredients		
Beneficial microbes (at least 10 ⁹ cfu/g)	<i>L. pentosus</i> <i>L. plantarum</i> <i>L. casei</i> <i>L. rhamnosus</i> <i>B. subtilis</i> <i>B. lichiiformis</i> <i>B. coagulans</i> <i>B. pumilus</i>	
Microbial metabolites	Enzymes (protease, xylanase, amylase) Organic acids (lactate, acetate, propionate, butyrate) Bioactive peptides	
Prebiotics	B-glucans Xylooligosaccharide Mannan oligosaccharide	
Organic minerals (Amino 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

Beneficial effects:

- Increasing the growth rate and daily weight gain
- Improving the FCR and production yield
- Reduction of Lameness and mobility disorders in the herd
- Reduction of the length of rearing period, and the rearing costs

To be used in fattening ostriches

Recommended consumption amount: 5 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; 10 kg buckets

MultiAct-L[®]

Enriched premix
for breeder ostriches (0.5%)

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Beneficial effects:

- Increasing hatchability and improving chick quality
- Improving the quality of eggshell and reducing the egg breakage
- Reduction of Lameness and mobility disorders in the herd
- Preventing geophagia and feather picking in the herd

To be used in breeder ostriches

Recommended consumption amount: 5 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; 10 kg buckets

Ingredients		
Beneficial microbes (at least 10 ⁸ cfu/g)	<i>L. pentosus</i> <i>L. plantarum</i> <i>L. casei</i> <i>L. rhamnosus</i> <i>B. subtilis</i> <i>B. lichiiformis</i> <i>B. coagulans</i> <i>B. pumilus</i>	
Microbial metabolites	Enzymes (protease, xylanase, amylase) Organic acids (lactate, acetate, propionate, butyrate) Bioactive peptides	
Prebiotics	B-glucans Xylooligosaccharide Mannan oligosaccharide	
Organic minerals (Amino 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	

HeptaMix-O[®]

Seven-part organic mineral
formulated for ostriches

Beneficial effects:

- Preventing geophagia and feather picking in the herd
- Increasing the hatching rate
- Reduction of Lameness and mobility disorders in the herd
- Increasing the growth rate and daily weight gain
- Reduction of the length of rearing period
- Improving the FCR and production yield
- Increasing the durability of production peak
- Improving the function of immune system, and reduction of mortality



Analysis of nutrients based on dry matter (mg/kg)	
Organic zinc	16700
Organic manganese	13000
Organic copper	3300
Organic iron	3300
Organic chromium	200
Organic cobalt	50
Organic selenium	160

To be used in ostriches

Recommended consumption amount: 1.5 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; 5 and 10 kg buckets

The product has been formulated to increase the absorption of zinc, copper, manganese, cobalt, iron, chromium and selenium through the intestine. These ions which have been bound to organic molecules (amino acids and peptides) have a higher bioavailability than their non-organic forms.

LactoMix-O[®]

Fermented concentrate enriched with Lactobacillus, formulated for ostrich

LactoMix-O 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 ostrich.

Ingredients

Probiotics, including *L. pentosus*, *L. plantarum*, *L. casei*, and *L. rhamnosus* (at least 10^8 cfu/g)

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
- Elimination of fungal poisons (mycotoxins) and heavy metals

To be used for ostriches

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; 10 kg buckets

BaciloMix-O[®]

Fermented concentrate enriched
with Bacillus, formulated for ostrich

BaciloMix-O 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 ostriches

Ingredients

Heat-resistance Bacillus strains, including B. subtilis, B. licheniformis, B. coagulans and B. pumilus (at least 10^8 cfu/g)

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

Concentrated carrier

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 for ostriches

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; 10 kg buckets





Ariana
knowledge-based company

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