



PRECO INVEST

Investing in nature

HUMIC FEED ADDITIVE PRECOCARE

Humic feed additive
in farm poultry &
animal's diets

Registration number: CZ 802466-01



Bringing back wealth to nature

The products and the technology are based on a careful attitude toward natural resources, recreation, and the sustenance of an ecosystem that is safe for life

CREATED BY NATURE

The products contain only eco-friendly organic components:

- lake sapropel
- low-moor peat
- lake water



ECO-FRIENDLY

The components are extracted from environmentally pristine deposits and mountain lakes, away from industrial enterprises and urban settlements.

A HEALTHY ENVIRONMENT

"PRECOCARE" contains humic and fulvic acids, which ensure ecologically clean breeding of livestock, fur animals and poultry.



SAFELY

"PRECOCARE" is a complex of elements created by nature itself that positively and safely affect the health of animals and poultry.

“PRECOCARE” IS BENEFIT & CARE

By adding a 0.2% aqueous solution of the “PRECOCARE” humic additive to the diet of livestock and poultry, the overall nutritional efficiency is increased by 10–20%*.

It enables, at the same feed and labor costs and keeping conditions, to ensure an increase in live weight of 5–12%, a reduction in mortality of 13–18%, and a reduction of feed flow per unit of weight gain of 5–10%.

Also, to improve animal and poultry bodies' resistance to adverse environmental conditions and residual toxins in feed.

*after conducted trials



PROFITABLE

Helps to improve nutrient intake and feed efficiency.



PRECOCARE for ANIMALS

Humic feed additive for commercial and other animals



Unique

Significantly accelerates weight gain, vitality, and health



Safe

Animal and human-safe, with no allergenic or carcinogenic properties.



Organic

Contains natural, organic plant ingredients



Cost-efficient

Helps to improve nutrient intake and feed efficiency

APPLICATION AND DOSAGE for animals

Type and age of animals	Daily dosage per 1 kg of live weight	Period of application/interruption of use
Pregnant cows 30 days before calving	0.5 ml with feed	15 days / 10 days
Milking cows	0.5 ml with feed, silage	15 days / 10 days
Calves 2-6 months	0.5 ml with feed	15 days / 10 days
Calves from 10 days to 2 months of age	0.4 ml with skimmed milk, porridge	60 days
Suckling piglets	0.4 ml with milk, porridge	15 days / 10 days
Weaned piglets	0.5 ml with feed	15 days / 10 days
Sows 4-5 weeks before farrowing	0.5 ml with feed	60 days
Ewes, Goats	0.5 ml with feed, silage	15 days / 10 days
Young sheep, goats up to 4 months	0.4 ml with feed	15 days / 10 days
Young goats 4-8 months	0.5 ml with feed	15 days / 10 days
Horses, Camels	2 ml with feed	28 days / 28 days
Rabbits	0.4 ml with feed	15 days / 10 days
Cats and dogs	0,4 ml with drinking water	30 days/ 30 days

The humic feed additive for animals has no acute or chronic toxicity and, in the case of accidental overdose, has no negative effect on the animal's body. However, exceeding the recommended dosages is not economically profitable since it does not give a further increase in productivity or enhance other positive effects of the product.

TESTS PERFORMED on animals

Influence of humic feed additive "PRECOCARE" on the increase in live weight of young cattle

Index	Group	
	test	control
Calf live weight, kg		
- test start	34,8±0,56	35,2±1,16
- in one week	39,1±0,81	38,1±1,06
- on the 15th day of test	42,5±0,99	40,3±1,41
Live weight gain for the test period, kg	7,7	5,1
Average daily gain in live weight of a calf, gram	513	340
%	150,9	100

From the 10th to the 25th day of life, a humic feed additive was added to the drink in a daily dose of 1.2 ml of working solution per 1 kg of live weight for animals in the prophylactic age test group.

Live weight increased by an average of 4.3 kg per week in calves given the humic feed additive; it increased by 2.9 kg in control animals.

During the test period, the average daily gain in the test group turned out to be higher than in the control group by 173 g, or by 50.9%.



PRECOCARE for POULTRY

Humic feed additive for commercial and other birds



Unique

Significantly accelerates weight gain, vitality, and health



Safe

Animal and human-safe, with no allergenic or carcinogenic properties



Organic

Contains natural, organic plant ingredients



Cost-efficient

Helps to improve nutrient intake and feed efficiency

APPLICATION AND DOSAGE for poultry

Type and age of animals	Daily dosage	Period of application/interruption of use
Broiler chickens	2 l per 1,000 liters of drinking water	The whole period
Laying hens	2 l per 1,000 liters of drinking water	30 days / 7 days
Turkey, ducks, geese, ostriches	2 l per 1,000 liters of drinking water	30 days / 7 days
Chickens	2 l per 1,000 liters of drinking water	48 days / 30 days

The humic feed additive for poultry has no acute or chronic toxicity and, in the case of accidental overdose, has no negative effect on the animal's body. However, exceeding the recommended dosages is not economically profitable since it does not give a further increase in productivity or enhance other positive effects of the product.

TESTS PERFORMED on poultry

Influence of humic feed additive "PRECOCARE" on the metabolism of broilers during the first 35 days of life

INDEXES	Control	Test
Initial livestock	350	350
Preservation, %	98,0	98,6
Live weight of 1 head (gram) at the age		
1 day	48	48
7 days	163,4	165,2
14 days	431,6	439,3
21 days	798,2	816,4
28 days	1253,2	1338,8
35 days	1777,2	1859,6
Daily gain during the growing period:		
gramm	49,5	51,8
%	100	104,9
Feed consumption per 1 kg of live weight gain during the rearing period:		
kg	1,76	1,67
%	100	94,8
The content of vitamins in the liver at the end of the experiment, µg / g:		
vitamin A	149,94	164,61
vitamin B₂	8,60	9,17
Blood hemoglobin content at the end of the experiment, %	4,16	4,86
Content in the backbone of the elements, %:		
- Ca	13,47	14,03
- P	5,48	5,91
Ash content in the tibia, %	32,15	33,30

The use of a humic feed additive contributed to an increase in the live weight of broilers of 4.6% compared to the control group.

Despite the rather high indicators of the average daily gain in live weight in the control group (49.4 g for 35 days of life), drinking the feed additive made it possible to increase the gain in live weight by 4.9%.

At the same time, feed consumption per unit of live weight gain during the rearing period was 1.67 kg, or 5.2% lower than in the control group.

The output of pectoral muscles in broilers of the experimental group was higher by 1.2-4.5%, depending on gender.

Economic efficiency

The efficiency of using a humic feed additive "PRECOCARE" when growing broiler chickens of the Sibiryak cross

Indexes	Control	Test
Initial livestock, heads	1 000,00	1 000,00
Preservation, %	98,00	98,60
Delivered for slaughter, heads	980,00	986,00
Live weight of 1 head, g	1 777,20	1 820,00
Carcass yield,%	67,20	67,20
Obtained meat, kg	1 194,28	1 223,04
Average selling price of 1 kg of meat, \$	0,65	0,65
Proceeds from the sale of meat, \$	780,4	799,2
Feed consumption, total, kg	3 052,00	2 850,00
"PRECOCARE" consumed for the period, ml	-	7 240,00
Cost of 1 liter of "PRECOCARE", \$		4,6
Feed cost, \$	0,3	
without "PRECOCARE"	48 832,00	
with drug "PRECOCARE"		47 627,20
The difference between the proceeds from the sale of meat and the cost of feed, \$	17,3	21,2
The effectiveness of using the drug without taking into account other costs, \$	-	3,8
Profit, %	100,00	122,01%

The economic efficiency from the use of a humic feed additive "PRECOCARE," taking into account a decrease in feed consumption per unit of live weight gain and an increase in the safety and weight indicators of broilers when growing 1000 broilers, is higher compared to the control by 22.01%



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