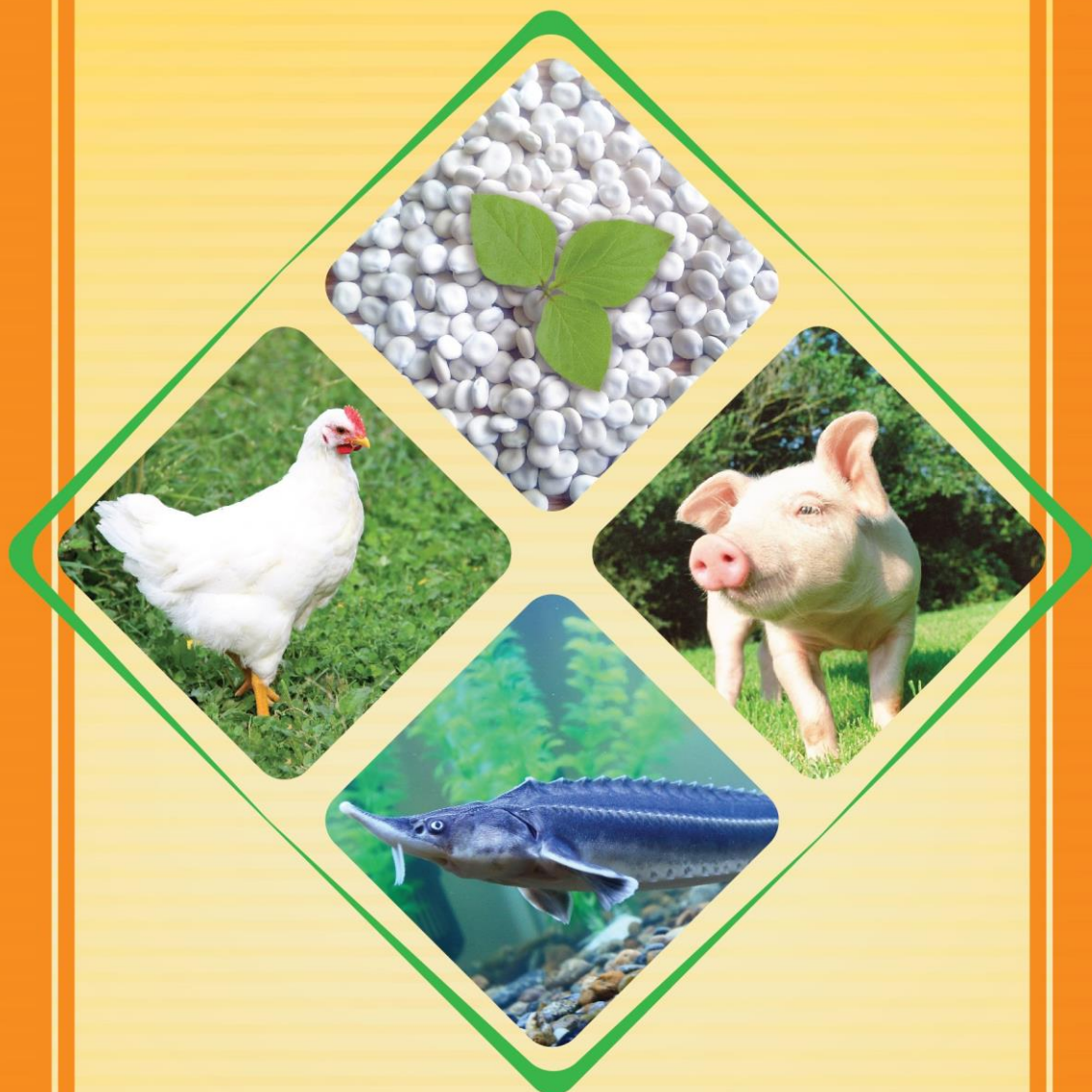




AGRO-MATIK

source of accessible protein



PROTEIN CONCENTRATE

non-GMO

agro-matik.ru

Chemical composition of protein concentrate «Agro-Matik»
to calculate the diets of POULTRY, PIGS, FISH.

Enter
in the feed

Name	Unit	Protein 55%
METABOLISABLE ENERGY OF THE BIRD	ККал/100г	303
METABOLISABLE ENERGY PIGS (ME)	МДж/кг	15,7
NET ENERGY PIGS (NE)	МДж/кг	11,3
ENERGY VALUE PIGS (EV)	МДж/кг	16,3
ENERGY VALUE FISH	МДж/кг	19,5
DIGESTIBLE ENERGY FISH	МДж/кг	17,7
METABOLISABLE ENERGY FISH	МДж/кг	15,1
CRUDE ASH	%	8
CRUDE PROTEIN	%	55
CRUDE FAT	%	10
CRUDE FIBER	%	3,0
NITROGEN-FREE EXTRACTIVE SUBSTANCES	%	12
HUMIDITY	%	12
LYSINE	%	3,0
METIONIN	%	0,9
METIONIN + CYSTIN	%	1,3
TREONIN	%	1,5
TRIPTOFAN	%	0,45
ARGININE	%	3,9
VALINE	%	1,9
HISTIDINE	%	0,9
GLYCINE	%	6,8
ISOLEUCINE	%	2,4
LEUCINE	%	2,5
TYROSINE	%	1,4
PHENYLALANINE	%	1,8
LYSINE DIGESTIBLE	%	2,55
METIONIN DIGESTIBLE	%	0,77
METIONIN + CYSTIN DIGESTIBLE	%	1,11
TREONIN DIGESTIBLE	%	1,28
TRIPTOFAN DIGESTIBLE	%	0,38
ARGININE DIGESTIBLE	%	3,32
VALINE DIGESTIBLE	%	1,62
HISTIDINE DIGESTIBLE	%	0,77
GLYCINE DIGESTIBLE	%	5,78
ISOLEUCINE DIGESTIBLE	%	2,04
LEUCINE DIGESTIBLE	%	2,16
TYROSINE DIGESTIBLE	%	1,19
PHENYLALANINE DIGESTIBLE	%	1,53
CALCIUM	%	1,8
PHOSPHOR	%	0,8
PHOSPHOR DIGESTIBLE	%	0,7
POTASSIUM	%	0,6
SODIUM	%	0,7
CHLORINE	%	0,8
SODIUM CHLORIDE	%	1,7

Chicken-broiler		Turkey	
STARTER -	max 4%	STARTER -	max 4%
GROWTH -	max 6%	GROWTH -	max 6%
FINISH -	max 8%	FINISH -	max 8%

Chicken layer		Quail	
Young bird -	4%	Young bird -	4%
Productive age -	6%	Productive age -	6%

Pig		Ostrich	
Starter -	max 4%	Young bird -	4%
Growth -	max 8%	Productive age -	6%
Finish -	max 10%		

Rabbit		Fish	
Young rabbits -	max 4%	Carp -	max 15%
Adult rabbit -	max 6%	Sturgeon -	max 30%
		Catfish -	max 20%
		Trout -	max 30%

Sheep		Goat	
Lamb -	25 grams per head per day	Young goat -	25 grams per head per day
Sheep -	100 grams per head per day	Goat -	100 grams per head per day

Protein concentrate "Agro-Matik" consists of two main components:

- proteins of plant origin-Lupin.
- proteins of animal origin-meat flour.

In order to improve the nutritional properties and ensure high sanitary safety, a mixture of plant and animal proteins is heat treated at a temperature of 130 degrees Celsius and a pressure of 30 ATM. It is then cooled and stabilized with an antioxidant and antibacterial agent.

In production it is GUARANTEED not to use feed antibiotics, because they are THERAPEUTIC drugs prescribed by a veterinarian. The use of antibiotics in the concentrate "agro-MATIC" is useless and inappropriate, because it is a drug.

The antibiotic can be introduced into the feed only as an independent additive or as a part of the premix at the request of the consumer.

Protein Agro-Matik concentrate is free from viruses and bacterial microflora.

It is known that at temperatures over 100 degrees viruses are destroyed (inactivated).

A much higher probability of Contracting the virus can come from the grain, which is still in the field with an abundance of rodents and birds (in particular waterfowl) may already have viruses on its surface. When stored in elevators and ground warehouses – again, the abundance of wild birds and rodents significantly increases the chance to get grain with a virus on the shell, which is not inactivated at a temperature of 72-77 degrees Celsius (granulation temperature).

Agro-Matik concentrate does not use waste from infected birds, cattle and pigs.

Meat / meat and Bone meal in contrast to the protein Concentrate Agro-Matik obtained in boilers Lapsa may have less digestibility than the tabular data, because even with a short-term excess of the cooking temperature of more than 160 degrees, part of the protein is denatured and becomes indigestible.

Also, there is a high probability of infection of animals and poultry consuming feed using ordinary meat and meat and bone meal - pathogenic microflora, because there is a re-seeding of flour after cooling.

Tab. Terms of death of microorganisms.

The timing of the death of micrococci and Escherichia coli		
Heating temperature (in degrees)	Terms of death (in sec.)	
	micrococci	E. coli
80*	1—2	immediately
75*	3—5	2—3
70*	10—20	5—6
65*	30—60	45—60
60	300—600	120—180
55	600—1200	900—1200



AGRO-MATHK

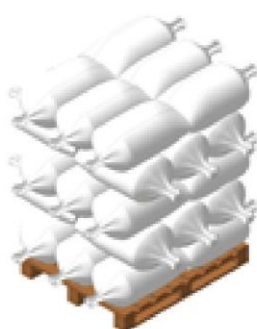
source of accessible protein

Packaging

Bag of 40 kg



1 ton pallet



Big bag 1 ton



Delivery

Trucks 20 tons



Railway carriage 45-65 tons



The address of the production:

Russia, Nizhny Novgorod region, Vyksa