ANIMAL FEED SUPPLEMENT

FOR FARM ANIMALS FEEDING RECOMMENDATIONS



RS SUCCESS AGRO

RS SUCCESS AGRO is the world's first and only global biotechnological industrial agro-complex, created through the investments and innovative technologies of Industrial Innovation Group, the global leader in intellectual and technological solutions.

ANIMAL FEED SUPPLEMENT HEMPORAMA

are recommended for cattle, dairy cows, sheep,goats, horses, pigs, rabbits, ducks and chickens.

Hemp seed cake is a product obtained by squeezing oil from hemp seeds, after they are cleaned, ground and treated with heat and moisture.







FROM SEED TO ANIMAL FEED



HEMP CULTIVATION

Industrial hemp for animal feed supplement Hemporama is grown in ecologically friendly environment.

SEED HARVESTING

for further cleaning and grading.





OIL EXTRACTION _ _ _ _ _ _ _ _ _

Cleaned seeds are cold-pressed to extract the hemp oil.

HEMP SEED CAKE GRANULATION

Hemp seed cake obtained after oil extraction is further cooled and granulated.



LAB ANALYSIS

Hemp seed cake granules are tested in the laboratory for compliance with veterinary and sanitary standards.

HEMPORAMA CONTROL

Read the QR code on the package to the complete information on the production process.







HEMP SEED CAKE:

- has an antioxidant effect
- supports the formation of healthy intestinal biocenosis
- prevents the growth of pathogenic bacteria
- supports the intestinal microflora
- prevents metabolic disorders
- enhances rumen fermentation
- stimulates the microorganisms of intestinal cavity to produce vitamins
- provides high fodder digestibility
- has a mild stimulating effect on intestinal peristalsis
- pH level control
- strengthens overall resistance, bones and joints
- enhances blood flow and reproductive functions
- enhances immunity and prolongs life

Fodder	Energy unit	Metabolic energy, cattle, MJ	Digestible protein, g	Proteins	Fat	Cellulose	Nitrogen-free extractive substances	Ash
Hemp seed cake	0,96	9,58	228	30,4%	10,2%	23,4%	17,9%	7,7%

CONTENT OF AMINO ACIDS IN 1 kg OF HEMP SEED CAKE, g





CATTLE AND DAIRY COWS

Hemp seed cake is fed to cattle during fattening period — 2-2.5 kg per day, and to dairy cows — 1-2.5 kg per day.

MAXIMUM DAILY DOSES OF HEMP SEED CAKE FOR DAIRY COWS WITH A LIVE WEIGHT OF ABOUT 550 KG

Fodder	For sale of whole milk	For processing into butter	For cheese making
Hemp seed cake	2,5 kg	1,0 kg	1,0-1,5 kg

DIGESTIBILITY COEFFICIENT FOR CATTLE, %

Fodder	Proteins	Fat	Cellulose	Nitrogen-free extractive substances
Hemp seed cake	78%	87%	20%	57%





Hemp seed cake is fed to lactating females up to 0.6 kg per day for one head, as well as to young animals in finely crushed form. Finely crushed hemp seed cake can be included in the lamb feed from the age of one month.

The best food for lambs is a mixture of oatmeal and hemp seed cake (approximately 20 g). The average daily dose of hemp seed cake for a sheep is 7% of overall fodder to ensure the normal body functioning and the rapid growth of wool.

Fodder	In 1 kg of fodder				
	Energy units	Digestible protein			
Hemp seed cake	0,7 kg	0,22 kg			

AVERAGE NUTRITIONAL VALUE OF HEMP SEED CAKE FOR SHEEP

Utilization of products from industrial hemp processing in animal and poultry feeding (review) https://elibrary.ru/item.asp?id=49557955

«Hemp seed cake is a feed source for cattle,» say scientists.

https://www.agbz.ru/news/konoplyanyy-zhmykh-yavlyaetsya-istochnikom-korma-dlya-krs-uchenye/



GOATS

Per day, an adult animal is fed up to 0.8 kg of crushed hemp seed cake, and goatlings — up to 0.4 kg as part of the feed mixture. From the age of 2-3 weeks, you can accustom young goats to the feed mixture.

The best concentrated fodder for them is a mixture of oatmeal and hemp seed cake. Adding hemp seed cake to the diet of lactating goats, you will increase their milk productivity, as well as the mass fraction of fat and protein in milk.





HORSES

Fresh, crushed or slightly saturated hemp seed cake can be thoroughly mixed with coarse and succulent fodder. Optimal daily dosage: 0.5-2.5 kg per head.

Suitable for all ages and types: foal or senior horse, pleasure, working or sport horse.

Feeding hemp seed cake can be started at 200 g per day for healthy horses who need a little extra grooming and care.

MAXIMUM DAILY DOSES OF HEMP SEED CAKE FOR HORSES WITH A LIVE WEIGHT OF ABOUT 500-550 kg

Fodder	Not working	Working
Hemp seed cake	1,5 kg	2,5 kg





PIGS

Growing pigs should be fed up to 300 g of hemp seed cake per day, and pregnant / lactating females — up to 600 g. Males are fed up to 1-1.5 kg.

Due to hemp seed cake in the pigs' diet, the slaughter yield increases by 3.5%.

Fodder	Organic substance	Protein	Fat	Cellulose	Nitrogen- free extractive substances
Hemp seed cake	55%	88%	92%	20%	41%

HEMP SEED CAKE DIGESTIBILITY COEFFICIENT FOR ADULT PIGS, %

MAXIMUM DOSES OF HEMP SEED CAKE IN MIXED FODDER FOR PIGS, %

Fodder	Idle and pregnant females of 1 period	Young pigs of 4-8 months	Semi-lard fattening	Lard fattening	Boars
Hemp seed cake	5%	5%	5%	5%	5%



DUCKS

Before feeding, the hemp seed cake must be crushed and then ground into coarse flour. Hemp seed cake can be included in the ducklings' diet from the age of 2-3 days, no more than 2% by the overall weight of grain-meal mixture.

For ducklings older than 7 days — no more than 7 %.

Adding hemp seed cake to the ducks' diet will make their feat hers more shiny and their eggs more nutritious. Bagasse should not be given in large quantities to avoid fatty liver and other consequences of overfeeding.

Fodder	Egg laying in 1 month, pcs						
	0-3	12	15	18	21		
Hemp seed cake	2,4 g	9,4 g	12 g	13,5 g	16,2 g		

DAILY DOSE FOR LAYING DUCKS, PER HEAD

DAILY DOSE FOR MEAT DUCKLINGS, PER HEAD

Fodder	Age, in days					
	1-10	11-20	21-30	31-50	51-60	
Hemp seed cake	1 g	3 g	8 g	15 g	20 g	

How does hemp fit into the market of animal feeds

https://vc.ru/flood/400300-kak-konoplya-vpisyvaetsya-v-rynok-kormov-dlya-zhivotnyh

Thailand: farmers begin selling organic chicken raised on hemp feed https://olkpeace.org/news8083.html



CHICKENS

The daily dose for chickens is up 10 g of hemp seed cake per head. The daily dose for laying hens at 6-7 weeks is 0.5 g, at 20-45 weeks — 6 g. Addition of hemp seed cake increases protein levels and is also helpful for molt.

Fodder of young animals should not contain more than 5% of hemp seed cake.

In winter, the proportion of hemp seed cake should be increased, it is also necessary to carefully monitor the moisture content of fodder.

DAILY D	OSE	OF HE	MP SEEI	CAKE	FOR	LAYING	HENS
ŀ	ACCO	RDING	TO SEA	SONS,	g PE	R HEAD	

Fodder	Winter	Spring	Summer	Autumn
Hemp seed cake	12 g	11 g	10 g	11 g

DAILY DOSE FOR YOUNG CHICKENS, g PER HEAD

Fodder	Age, in days								
	1-5	6-10	11-20	21-30	31-40	41-50	51-60		
Hemp seed cake	—	0,2 g	0,5 g	0,6 g	1,2 g	1,5 g	2,0 g		

Providing hemp to poultry farms https://www.agroxxi.ru/amp/zhivotnovodstvo/daesh-konoplyu-pticefabrikam.html

Hemp - Feed for Chickens https://www.vetfactor.com/ru/news/v-ssha-proveli-pervoe-primenenie-konopli-v-kachestve-korma-dlya-ptitcy/



RABBITS

Maximum daily doses: for adults — 100 g; for young animals from 1 to 3 months — 5-10 g; from 4 to 6 months — 20-30 g.

Should be given in crushed or steamed form, mixed with grain fodder or boiled potatoes.

MAXIMUM DAILY DOSES OF HEMP SEED CAKE FOR YOUNG ANIMALS OF DIFFERENT AGE, g PER HEAD

Fodder	Age (months)					
	18-20 days after birth	1-3	3-4	4-5	5 months and older	
Hemp seed cake	2 g	5-10 g	10-15 g	15-20 g	20-25 g	

MAXIMUM DAILY DOSES OF HEMP CAKE FOR ADULTS, g PER HEAD

Fodder	State of female rabbit			
	Ordinary	Pregnant	Lactating	
Hemp seed cake	10 g	20-25 g	30 g	



Hemp seed cake is a promising component of feed supplements for fish, which can be used as an alternative to traditional plant supplements.

It is known that hemp seed cake has attractive properties for fish, which increase feed palatability.

Incorporating hemp seed cake in quantities of 5-15% into feed formulations has a positive effect on the growth performance of fish.

GUIDELINES FOR INCORPORATING HEMP SEED CAKE INTO FEED FORMULATIONS FOR DIFFERENT FISH AGES WITH VARIED FEEDING DIETS

Fish Age	Feeding Diet	% of Fish Weight
Juveniles	Carnivorous	6,6
Yearlings	Carnivorous	7,0
	Herbivorous	4,2
Two-year-olds	Carnivorous	3,3
	Herbivorous	1,9



RS SUCCESS AGRO

The transcontinental corporation Industrial Innovation Group presents a project of the RS Success Agro company — the world's first and only global biotechnological industrial agrocomplex based on advanced technologies for the cultivation and processing of industrial hemp.







RS Success Agro is the first company in the Republic of Uzbekistan to obtain a license for cultivation, processing, storage, transportation and sale of industrial hemp.

RS Success Agro uses the advanced equipment and international production methods for organization and supervising the process of turning hemp seeds into oil and seed cake.





Learn more about RS Success Agro



QUALITY CONTROL

The RS Success Agro lab complex consists of four laboratories for a wide range of research:

- Product Quality Diagnostic Laboratory
- Selection Laboratory
- Seed Laboratory
- Agricultural Technologies Laboratory
- Animal feed supplement Hemporama pass the full cycle of testing and quality control based on three indicators:
- Physical and chemical composition: acid value, moisture and volatiles, non-fat impurities, phosphorus compounds, total ash, iodine value
- Safety indicator: pesticides, mycotoxins, dioxins, benzopyrene, toxic elements (plumbum, cadmium, mercury, arsenic)
- Fatty acid composition: terpenes









ABOUT INDUSTRIAL HEMP

Hemp species Cannabis Sativa L. is an annual plant that does not contain psychotropic substances and is allowed for cultivation and sale.

Organically grown hemp seeds are carefully selected for feed production.



UNIQUE COUNTERFEIT PROTECTION



Animal feed supplement Hemporama are protected from counterfeiting at a high-tech level. Each bag is marked with an electronic hologram label and can be tracked by the Track&Trace system.

QR code allows you to see all the information about the production process from the start to the finished product.

HEMPORAMA DESIDES WHO IS STRONGER





FEED SUPPLEMENT FOR THE ANIMAL hemporama.ch















RS SUCCESS AGRO JV LLC

Leodar str. 1, RCG Pakhtakor, MCG Uzbekiston tukinchiligi, Khavast district, Syrdarya region, Republic of Uzbekistan

www.hemporama.ch