



Kimiyagaran-e-Taghziyeh

Animal, Poultry and Aquatic Feed Production Complex

Physical characteristics and analyses of Sturgeon feeds

Type of food Analysis	EX-A S	EX-A PG1	EX-A PG2	EX-A PG3	EX-A G1	EX-A G2	EX-A G3	EX-A G4	EX-A G5	EX-A B1	EX-A B2
Prottein	48±1	47±1	46± 1	44±1	44± 1	42± 1	42± 1	40±1	40±1	44±1	44± 1
Fat	12	12	12	13	13	13	13	13	13	13	13
Food's size (mm)	1.5±0/2	2 ±0/2	3±0/2	4±0/3	5±0/3	6±0/3	7±0/3	8±0/5	10±0/5	10±0/5	10±0/5
Fish's size (g)	10-30	30-100	100-300	300-800	800-1500	1500-3000	3000-5000	5000-15000	Up to 15000	Maintenance period	Breeding period

Note1:

The mentioned tables are presented for instruction and may vary with the fishes and farms conditions.

Note 2:

The feeding times are highly associated with the oxygen percentage and the farm water temperature.





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After 15 years of working in the livestock, poultry, and aquatic animals industry, the managers of Kimiyagaran-e Taghziyeh Company planned to establish one of the most modern factories for the production of livestock, poultry, and aquatic animals' feed in 2005 to supply a part of Iran's requirements in this regard. The construction of the factory was completed in 2009, thus, the process of producing and supplying products into the market started in the same year. Kimiyagaran-e Taghziyeh factory is located on a land tract with an area of 20,000 m² in Shahr-e Kord industrial zone. This factory enjoys modern and advanced production equipment and well-equipped quality control, research, and development laboratory. Various types of feed are produced by the research and development team and the cooperation of proficient university professors. Then, they are examined and tested in the pilot and research farms. Finally, they go into mass production proportionate to the regional needs.

Sturgeons Feed

The nutritionists in Kimiyagaran-e Taghziyeh Company supplied the following four groups of feed with respect to the nutrition physiology and requirements of sturgeons:

- 1-EX-A S: Extruded Acipenser Starter
- 2-EX-A PG: Extruded Acipenser Per Grower
- 3-EX-A G: Extruded Acipenser Grower
- 4-EX-A B: Extruded Acipenser Brood Stock

□ Taking into account the nutritional and economic value of sturgeons, nutrition not only increases the growth and production of this type of fish but also improves the quality of their meat and egg for extraction. In light of that, Kimiyagaran-e Taghziyeh Company produces a variety of feed in terms of shape and formulation to enable the aquaculture farmers to select a good and high-quality feed.

□ On account of their carnivorousness and living in deep waters, sturgeons need a type of feed that meets all of their nutrient requirements. The specialists in Kimiyagaran-e Taghziyeh Company have taken all aspects into account and produced a full and proportionate portion for various stages of sturgeons' life. This feed meets the nutrient requirements of these fish during various stages of their life. Besides, it increases growth, reduces the feed conversion ratio, reduces skeletal deformities, improves the performance of the immune system, increases resistance to diseases, stress, etc. in these fish. Observing appropriate firmness and durability, plus preventing rupture of feed pellets in the process of production prevents pollution of the farming environment, even after reaching the bed.

□ Adult sturgeons feed includes special supplements and stimulants that increase the volume of gonads, accelerate maturation, increase the quality of sturgeons as well as the reproductive materials of adult sturgeons, increase the quality and quantity of sturgeons, plus increase the efficiency of artificial breeding.