

Project Number:	DP21681750
Project Title:	Production of extruded compound feed based on alcohol and slaughterhouse waste
Results of scientific and (or) scientific-technical activities	RSSTA23RK0007 Polyfunctional feed additives and enriched extruded feeds. Methods of production and application.
Applicant:	Kazakh Agrotechnical Research University named after Saken Seifullin
Grant Recipient:	MV5 LLP
Private Partner:	IP "SHAT"
Implementation Period:	2023-2025
Implementation Location (City/Region):	Akmola Region
Industry:	Agro-industrial complex and agricultural raw material processing
Implementation Status:	In progress
Project Goal:	To organize the production of cost-effective extruded compound feed for agricultural and domestic animals, birds, and fish using alcohol and slaughterhouse waste
Project Description:	With the full launch of production, RNNTD23RK0007 will be used, specifically the method for manufacturing and applying highly nutritious and safe extruded and granulated products (feeds, feed additives). The primary raw materials will include distillers' grain, a byproduct of alcohol production, and slaughterhouse waste. There is a site for distillery feed waste from the operational Aidabol alcohol plant and slaughterhouse waste from the Aidabol meat processing plant. Using barothermal treatment, these can be efficiently utilized in feeding agricultural and domestic animals, birds, and fish. As a result, the final product will have high nutritional value and remain affordable for both large and small farming enterprises, reducing costs for producing end food products (milk, meat, etc.).
Website:	Under development
List of Products with Prices:	<ul style="list-style-type: none"> • Extruded enriched compound feed for small livestock – 130 KZT/kg • Extruded enriched compound feed for cattle – 110 KZT/kg • Extruded enriched compound feed for horses – 120 KZT/kg • Extruded enriched feed for dogs – 1200 KZT/kg • Extruded enriched feed for cats – 1000 KZT/kg • Extruded enriched feed for birds – 180 KZT/kg • Extruded enriched feed for fish – 290 KZT/kg
Project Team (Full Names):	Amazat Tulegenovich Shalmagambetov Zhanibek Zeinulevich Uspanov Asel Tasymovna Kondybaeva Yuriy Alexandrovich Baldzhi Evgeniy Gennadievich Mayer Leyla Zinurovna Sultanayeva



СМЕШИВАНИЕ МАТЕРИАЛОВ → ЭКСТРУЗИЯ → СИСТЕМА СУШКИ → АРОМАТИЗАЦИЯ → СИСТЕМА ОХЛАЖДЕНИЯ

EXTRUSION PET DOG FOOD PROCESS LINE
SLT70H 500KG/HOUR

