

Project Number:	DP23692064
Project Title:	Organization of efficient management using methods of creating pasture agrophytocenoses by regulating succession processes
Results of scientific and (or) scientific-technical activities	RSSTA24RK0116 Method of creating pasture agrophytocenoses by regulating succession processes
Applicant:	S. Seifullin Kazakh Agrotechnical Research University
Grant Recipient:	Startup company «Shaiyr Agro Group» LLP
Private Partner:	«Shayir Agro» LLP «Борисфен» LLP
Project implementation period:	2024-2026
Project Implementation location (City/Region):	North Kazakhstan region, Ayyrtau district, Antonovka village
Industry:	Agricultural industry
Project Goal:	Objective: Commercialization of the scientific and scientific-technical results with the aim of bringing to market mixed grass hay, bottled milk, non-bottled milk, and sour cream Project Objectives: <ul style="list-style-type: none"> • organization of farms for the cultivation of crops such as alfalfa, starling and reaper. • The introduction of new ways to manage the successional processes of phytocenoses in hayfields and pastures can increase the sustainability of their productivity. • cultivation of crops: alfalfa, starling and reaper; <ul style="list-style-type: none"> • achieve a yield of 800 c/ha; • reaching the design capacity of hay preparation for a variety of crops 4,250 thousand/year; • organization of production and sale of dairy products.
Project outcomes and results:	1. The organization of a highly efficient farm in order to bring mixed grass hay, bottled milk, unleaded milk and sour cream to the market; 2. Sale of hay of sown cereals and legumes and dairy products.
Advantages:	The use of this method will ensure the stability of the valuable composition of the phytocenosis, improve the agroecological condition of pastures,

	and increase the level of forage production in the region. The development of methods for managing the successional processes of phytocenoses in hayfields and pastures and increasing the sustainability of their productivity will make it possible to increase the productivity of dairy farming and have an impact on the development of the economy and the social situation of farms.
Current status of the project:	The project is under implementation
Website:	According to the approved Calendar Plan under the Grant Agreement for the Commercialization of Scientific and (or) Scientific and Technical Activities No. 96 dated September 05, 2024, the development of the website is planned for the 3rd stage of the project (January-December 2026)
List of Products with Prices:	As a result of the project, it is planned to produce the following products: Mixed grass hay, in bales (20 kg) – 2000 tenge/bale; Bottled milk 3.2% – 500 tenge/liter; Unleaded milk – 200 tenge/liter; Sour cream, 20% fat content – 650 tenge/kg
Project Team (Full Names):	Project manager – Atygaev O.Sh.; Commercialization specialist – Kurmanaliev R.B.; Accountant – Sarybasova U.G.; Lawyer – Yesembekov S.T.; Research staff – Stybaev G.Zh., Nogaev A.A.

