INNOVATIVE APPROACHES to RAINFED FEED PRODUCTION the SOUTH of UKRAINE

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The results of creation the grazing conveyor of sheep in the rainfed conditions of arid steppes of Ukraine are given in this work. It was chosen grass mixture of promising sorts of perennial grasses and annual sorghum crops that provide a continuous flow of feed in the spring and in summer and autumn periods for the period of 190-200 days.

Efficiency involving existing traditional grazing assortment of promising forage grasses of wild flora and its effect on lengthening the life of the green forage, increasing resistance of vegetation to trampling and drought.

Also it is given the results of studies on the use of drought-tolerant annual forage crops, and including sorghum in conveyor of pasture, defines their productivity and ability to accelerate the accumulation of above-ground vegetative mass after cutting that provides the animals of green feed during the occurrence of extreme weather and climate conditions, including summer droughts.

The results of using of innovative technology in crops of forage grasses with adding bacterial drugs that have nitrogen-fixing and protective action are given in the article.

It is proved the efficiency of using the pasture forages to ensure the profitability of sheep farming industry. It was calculated the cost of rearing young sheep using feed grown in terms of organic feed production.

Keywords: pastures, perennial herbage, annual drought-resistant crops, crop, bacterial drugs, economic efficiency.