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**PRODUCTIVITY OF SORG CROPS IN ONE SPECIES**

**AND MIXED SEEDINGS IN THE STEPPE ZONE OF THE**

 **KABARDINO-BALKAR REPUBLIC**

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*The article presents the data of three-year field studies in the steppe arid zone of the republic.The most optimal options for cultivating sorghum crops in pure form and with the introduction of various legumes components in the mixtures that increase the protein content in feed are developed, the ratio of sown crops in mixed crops is established, which allows to obtain more energy-saturated feed with an increase in the total yield of areas. The most productive methods of sowing and harvesting are proposed, providing the greatest collection of feed units and protein from the cultivated area. The quality and feed advantages of the green mass of sorghum and its various mixtures with soy and spring vetch for the production of silage, green fodder, haylage and hay are determined.*

**Keywords:** mixed, joint sowing, sorghum crops, legumes, feed value, crop ratio, energy value, precipitation, cultivation technology, balanced feed.

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