

PRODUCTIVITY OF SUDAN GRASS ON IRRIGATED BROWN SEMIDESERT SOILS OF KALMYKIA

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The effect of pre-irrigation soil moisture and mineral supply on the productivity of Sudan grass hay under arid conditions of Kalmykia was shown. It was shown that the content of nutrients in the soil increased after the vegetation of Sudan grass.

Keywords: Sudan grass, productivity, hay crops, pre-irrigation moisture of soil, field moisture capacity, mineral fertilizers, plant residues, soil fertility.