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A STUDY OF INFLUENCE OF SOWING TERMS AND NORMS ON CROTALARIA JUNCAE GRAIN YIELD

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ABSTRACT

The article describes the impact of non-traditional legumes Crotalaria juncea on the optimal sowing time and norms of the number of legumes, the number of grains in legumes, 1000 grain weight and grain yield. It is scientifically substantiated that it is possible to get an additional yield if Crotalaria juncea was sown 10 kg per hektare in early May (1-5.05), the number of legumes would be 15, the number of grains in legumes would be 4.1, the weight of 1000 grains would be 4.9 g compared to the variant sown 20 days earlier and higher to 9 pieces, 2.8 g in proportion to the variant sown 10 days early and as well as it is possible to get the yield at the rate of 5,2-3,8 c/ha when sowing 14 kg of seeds per hectare for a period of 1-5.05 compared to the early sown variants during the same period; 1.9 c/ha compared to the variant planted at 10 kg per hectare; 3.3 c/ha compared to the variant planted at 18 kg for a quality seed crop.

KEYWORDS: *Crotalaria Juncea L., Meadow Alluvial Soil, Planting Time, Norm, Legume, Number Of Grains, 1000 Grain Weight, Yield.*

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