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THE SCIENTIFIC ACHIEVEMENTS AND THE PROSPECTS FOR FORAGE LUPIN GROWING IN UKRAINE

The paper generalizes the results of the scientific research during the last decade and substantiates the expediency of renewing the lupine sowing in the present-day Ukraine agriculture.

The effectiveness of forage lupine growing under the stationary seven-field forage crop rotation of Polissya with the application of organic and organo-mineral systems of fertilizing and under the field experiment of a joint sowing of lupine augustifolia with oats has been shown on the basis of the year-long research.

The paper reveals maximal productivity of the lupin growing mass depending on moisture and the sum of active temperatures during the vegetative period, that can provide more than 50 t/h under optimal conditions and 38,6–45,1 t/h with oats mixture depending on plant variety and fertilizers rate.

Key words: lupine, varieties, productivity, fertilizers, feed units, digestible protein, lupine mixtures.