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**631.4/8(063)**

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<b>AZOTOBACTER</b>	<b>343</b>
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· · · -	<b>352</b>
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· · ·	<b>359</b>
<b>3.</b>	
· · · , · · ·	
· · · -	<b>366</b>
· · ·	<b>376</b>
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variety Belozerny 110. Inoculation of variety's Belozerny 110 lupine seed with microbiological preparations (MBP) of rhizotorphine and its growing on the background of NPK contributed to the increase in aboveground biomass (stems, beans, corn) and the variety's Vityaz seeds - only the increase in the yield of by-products (stems). The inclusion of the MBP in the protective-stimulating complex, comprising a biological product in addition to stimulant seed germination, boron and molybdenum, was not give an additional positive impact on the yield of lupine.

**Key words:** blue lupine, variety, pot experiment, productivity, beans, grain.

633.853.483+638.15

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**Y.G. Tsytsyura. Meaningfulness of oil radish as culture of green fertilizer in the modern rational system fertilizer.**

Vinnytsya national agrarian university.

The results of global generalization of research of oil radish as a component of green fertilizer and biologically directed growing technologies of basic agricultural cultures are presented. Grouping of positive features of sideration for application leaves and stems mass of oil radish is conducted.

**Key words:** green fertilizer, biologizing, oil radish, productivity.