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Advances in nutrition of sunflower on the southern steppe of Ukraine

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Smirnova, Irina ✉ ; Khonenko, Lyubov ✉
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Краткое описание
Ключевые слова автора
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Краткое описание

Declining soil fertility has made optimization of plant nutrition all the more important. We compared the effects of various combinations of micronutrients and bio-preparations for seed treatment and foliar fertilization on productivity and phenological indicators of Limagrain Tunka hybrid sunflower. Compared with the control, optimal nutrition from sowing to harvesting increased the growing season by 2-13 days, increased the height of plants during the flowering period by 4-13%, and increased the size of the basket. Depending on the various factors of treatment, the combination of pre-sowing seed treatment with foliar top-dressing raised the yield of seed by up to 28.7% and the yield of crude oil by 0.424 t/ha. © Springer Nature Switzerland AG 2021. All rights reserved.

Ключевые слова автора

Bio-preparations; Growing season; Micro-fertilizers; Phase of development; Sunflower; Yield

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Название темы	Fertilizer; Forest Steppe; Sowing
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