

PUBLICATIONS

на асистент д-р Александър Траянов

1. **Trayanov, A.**, Panayotov, N., Kouzмова, K., 2018. Influence of fertilization and environmental conditions on the phenological and morphological development of carrot plants during seed production. International Journal of Innovative Approaches in Agricultural Research, 2(4), 408-424.
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2. Panayotov, N., **Trayanov, A.**, Kouzмова, K., 2018. Phenological behaviors and productivity of different pepper genotypes in depending on environmental conditions. International Journal of Innovative Approaches in Agricultural Research, 2(4), 335-348.
<https://ijiaar.penpublishing.net/makale/670>
3. **Trayanov, A.**, 2019. Vegetative development of carrot seed stalks in depends on the way of fertilization. Scientific Works of the Union of Scientists in Bulgaria - Plovdiv. Series C. Technics and Technologies. Vol. XVII., 220-223.
https://usb-plovdiv.org/wp-content/uploads/2019/07/2019_tehnika_i_tehnologii_tom_XVII.pdf
4. **Trayanov, A.**, 2019. Generative development of carrots (*Daucus carota* L.) during seed production depending on the fertilization. Agricultural science and technology, vol. 11, No 3, 211-216.
<https://agriscitech.eu/generative-development-of-carrots-daucus-carota-l-during-seed-production-depending-on-the-fertilization/>
5. **Trayanov, A.**, 2020. Morphological characteristic of carrot seeds depending on the fertilization regime and umbel orders. Scientific Research of the Union of Scientists in Bulgaria – Plovdiv, series B. Natural Sciences and Humanities, VIIIth International Conference Of Young Scientists 23-26 July 2020, Vol XX, 27-31.
https://usb-plovdiv.org/wp-content/uploads/2021/01/2020_estestveni_i_humanitarni_nauki_tom_XX.pdf
6. Panayotov, N., **Trayanov, A.**, 2020. Productivity and elements of the yield of carrot seeds in the application of different regimes of fertilization. Scientific Papers. Series B, Horticulture. Vol. LXIV, No. 2, 215-221.
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7. Panayotov, N., Petkova, N., **Trayanov, A.**, 2021. Effect of different fertilization regimes and rates in the carrot seed production on their sowing parameters and chemical composition of the seeds. Scientific Papers. Series B, Horticulture. Vol. LXV, No. 1, 548-554.
<https://horticulturejournal.usamv.ro/index.php/23-articles/articles-2021-issue-1/997-effect-of-different-fertilization-regimes-and-rates-in-the-carrot-seed-production-on-their-sowing-parameters-and-chemical-composition-of-the-seeds>
8. Kuneva, V., Panayotov, N., **Trayanov, A.**, 2021. Mathematical approach to evaluation of the influence of different fertilization regimes on the main

vegetative and generative development of carrot seed plants (*Daucus carota* L.). Bulgarian Journal of Agricultural Science, 27 (Suppl. 1), 161-165.

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9. Panayotov, N., Kuneva, V., **Trayanov, A.**, 2021. Influence of fertilization regime on yield and quality of carrot (*Daucus carota* L.) seeds. Bulgarian Journal of Agricultural Science, 27 (Suppl. 1), 166-172.

https://journal.agrojournal.org/page/en/details.php?article_id=3535

10. Panayotov, N., Kuneva, V., **Trayanov, A.**, 2022. Effect of different fertilization in carrot seed production on the mathematical approach of seedling morphology and weight of 1000 seeds. IV. Balkan Agricultural Congress, 31 August – 02 September 2022, Edirne, Turkey, 531-540.

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