



## Registration & Abstract Form for the 2<sup>nd</sup> INTERNATIONAL MEETING 'AGRISCIENCE & PRACTICE'

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Abstract title: The influence of organic fertilizers on the growth and yield of broccoli (*Brassica oleracea* L.var. *italica*)

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Abstract (max 250 words):

The experiment was conducted in order to determine the influence of organic fertilizers on the growth dynamics and yield of broccoli grown in the open field. It used the variety Verdija F1 which was grown in Skopje region during one year (2018). The treatments were as follows: Ø control-without use of organic fertilizer, V-1 -foliar treatment with Biohumus, V-2 -foliar treatment with Orgalife, V-3 - foliar treatment with Bio - Vital, They were treated every 10 days, starting on 19.08, three times during vegetation. The following traits were to examine dynamics of growth and yield. According to the results obtained it can be established that by the use of organic fertilizer Orgalife the considerable higher yield on the central flower gave the treatment V-2 (6.98 t/ha) in comparison to control treatment (5.41 t/ha). Statistically significant differences, at the level of 0.05 with the LSD test, were obtained between V-2 and control. The results obtained for the average height of the plants during the three treatments showed that there are highly statistically significant differences at the level of 0.01 between V-2 (55.6 cm) and control. According to the results obtained, it can be concluded that the V-2 has given the best results in both the increment of the plant and the yield obtained.

Keywords: broccoli, organic fertilizer, yield, growth dynamics



**Key words (3-7 words which are not included in the title):**

**I would like to participate at the Meeting with (check the preferred option):**

oral presentation

poster

panel discussion

exhibition stand

**Please, use the Registration & Abstract Form for each of your submissions. Participants who will join the Meeting without oral/ poster presentation fill in only their personal information. Please, send the Registration form to [agriscience-practice@ugd.edu.mk](mailto:agriscience-practice@ugd.edu.mk) before 05.03.2019.**