



## The preliminary study of the biological activity of some Brassinolides

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Brassinosteroids are a group of naturally occurring polyhydroxysteroids. Brassinolide, was originally isolated from rape (*Brassica napus*) in 1979. In the present, more than 60 Brassinosteroids have been identified. 31 of these have been completely characterized. Brasinosteroids have been isolated from many plants including dicotyledonous, monocotyledonous, gymnosperms, green alga and a fern. These compounds have been isolated from seeds, fruits, shoots, leaves, flower buds, and galls. Brassinostroid levels are high in pollen. In the present paper is presented the biostimulating effect of *Brassica napus* pollen extract on monocotyledonous (wheat) in laboratory conditions. The obtained results are statistically processed. The plant extract presents an important biological activity.