



Preliminary research regarding the cultivation of *Brassica rapa* L. ssp. *Chinensis* (L.) Hanelt, under the pedo-climatic conditions from southern Romania

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For introduction in the vegetables assortment from southern Romania of the *Brassica rapa* L. ssp. *chinensis* (L.) Hanelt specie, there were studied seven cultivars, between 2003-2004. The research was focused on the spring and the autumn harvest, in order to establish the precocity and the productive capacity of the cultivars. Chico, Manoko and Yoko are early hybrids, Bilko and Optiko hybrids are mid-early season and Storido and Michihili cultivars are mid-late season.

Concerning the spring culture, the productive potential was situated between 51.9 t/ha (Yoko F1) and 80.2 t/ha (Michihili), with an average per variants of 66.8 t/ha. Michihili cultivar obtained a very meaningful production improvement compare with the control, of 13.4 t/ha, Bilko hybrid had a production improvement distinct meaningful compare with the control (6.9 t/ha) and Storido, was recorded with a meaningful production improvement compare with the control, of 4.2 t/ha.

In the autumn culture, the best results have been obtained by the Yoko (72 t/ha) and Optiko (70,4 t/ha) hybrids, which are surpassing the control (X) with 4.9 t/ha - 3.3 t/ha, respectively with a harvest increase of distinct meaningful and meaningful.