

## Improvement of new ranges of vegetable cultivars in Romania

Ion Scurtu<sup>1</sup>, Alexandrina Sirbu<sup>2</sup>

<sup>1</sup>*Faculty of MMAE Braila, Constantin Brancoveanu University of Pitesti, Rubinelor St 16-18, Braila, Romania (ucb\_scurtu@yahoo.com)*

<sup>2</sup>*Faculty of MMAE Ramnicu Valcea, Constantin Brancoveanu University of Pitesti, Nicolae Balcescu Bld.39, Ramnicu Valcea, Romania (sirbu.alexandrina@rdslink.ro)*

### Summary

In purpose of the competitive increment on Romanian agricultural market the improvement of some varieties in vegetable farming there were necessary. In this aim the specialists have paid attention on vegetable plants, namely tomatoes, sweet peppers, eggplant, carrots, green peas, onions and cucumbers, in order to obtain new cultivars with high quality and good yielding ability.

By using specific breeding methods, for the first time in Romania there were obtained some new hybrids F1 with high uniformity and resistance to many pathogenic agents. The new varieties and hybrids are appropriate for cultivation within protected environment as well as in open field.

Nowadays many of these new vegetable varieties and hybrids are already cultivated on important areas of Romania. Cultivars like Armonia Diana (green peas), Lord and Mapamond F1 (cucumbers), Vipon and Viorica (tomatoes), Barsan (sweet peppers), Andra F1 and Luiza (eggplant) are subjects under discussion.

Key words: vegetable, variety, hybrid, plants