

Growth and development of blueberry variety Brigitta Blue in the region of Troyan

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Abstract

The study was carried out during the period of 2001-2010 in the experimental plantation of RIMSA in Troyan. The growing of the plants was in unirrigated areas.

Phenological stages, vegetative and reproductive indices of blueberry variety Brigitta Blue were investigated. Biochemical composition of fruit was studied. The variety Bluecrop was used as standard.

The objective of this investigation has been to determine the factors of normal development of cultivated blueberry bushes.

It has been established that their average height is 109 cm, the diameter is 76 cm, and the average yield is 0.83 kg.

It has been concluded, that it is possible, the blueberry bushes to be grown at lower altitude and in warmer climate conditions.

Key words: blueberry variety, phenological stages, vegetative indices, reproductive indices, yield

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