



Arab Univ.
J. Agric. Sci.,
Ain Shams Univ.,
Cairo, 15(1), 19-27, 2007

EFFECT OF GROWTH TECHNIQUES (PRUNING METHOD) ON THE PRODUCTION OF CUCUMBER GROWN IN GREENHOUSES

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Keywords: Greenhouse, Growth techniques (pruning method), Morphological characteristics, Productivity, Cucumber

ABSTRACT

The present study was carried out to investigate the effect of pruning method on growth and production of cucumber (hybrid Aula) grown in greenhouses for 2004 and 2005 growing seasons. Three types of pruning were used : system of principal stem, system of secondary branches, and mixed system (principal stem + secondary branches).

The results show the following points

* Effect of mixed system is distinguish on early and total production in comparison with the

other used methods which present a comparable production.

* Failing growth and production of mixed system at the end of season compared with two other used methods.

This experience allows to suggest

- * Use of mixed system necessitate the regular pruning of plants for avoid the physiological fail and the bad morphological and physiological characteristics of fruits.
- * Possibility of application the system of principal stem and avoid the system of secondary branches with the necessity of knowledge the type of branch of varieties for avoid the tardy production.

(Received November 14, 2006)
(Accepted December 9, 2006)

تحكيم: أ.د ممدوح فوزى عبد الله