

VARIETIES AND HYBRIDS OF TOMATO PLANTS IN INTENSIVE PHOTOCULTURE

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Based on the analysis of the results of studies of growth, development and productivity of different varieties and hybrids of tomato under controlled conditions varieties «Licurici» and «Ultrabek» were selected as the most promising for cultivation in intensive photoculture. These plants were the most adapted to different levels of illumination and characterized by consistently high productivity compared to other varieties under study. Hybrids F-1 of tomato plants are less adapted to the growing conditions of intensive photoculture.

Keywords: intensive photoculture, light, tomato plants, determinate varieties, hybrids, productivity.