Horticultural Research (Japan)
Vol. 9 (2010) , No. 1 81-86

Effects of Low Light Intensity due to Shading during Temperature Season on the Flower-bud Appearance of the Parthenocarpic Tomato 'Renaissance'

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(Received April 4, 2009)
(Accepted August 3, 2009)

Effects of low light intensity due to shading during high and low tem flower-bud appearance and fruit setting of the parthenocarpic toma examined. The flower-bud development of 'Renaissance' was hinde intensity due to 70% shading during the high temperature season, bu developed normally expressed parthenocarpy. The seeded fruit rate per fruit of 'Renaissance' were increased by low light intensity due t

the high temperature season. Furthermore, low light intensity due to
low temperature season did not influence the flower-bud developme
the parthenocarpic characteristics of ‘Renaissance’ were very stron
conclude that reducing the shading to the minimum is important to b
bud normally during high temperature season for the purpose of imp
of the parthenocarpic tomato ‘Renaissance’.

Key Words: environmental stress, growth-regulating substance of development

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doi:10.2503/hrj.9.81