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Horticultural Research (Japan)

Vol. 9 (2010) , No. 1 93-98

Variations of Photoperiodic Response of Flower Bud Development in July- and August-flowering Small-flowered Chrysanthemum Cultivars

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(Received January 13, 2009)

(Accepted August 20, 2009)

We investigated the effect of photoperiod on the flowering of small-flowered chrysanthemum cultivars with July- and August-flowering. As a result, July-flowering cultivars showed summer-to-autumn flowering type response. However, we found both summer and summer-to-autumn flowering type response in July-flowering cultivars. Based on their photoperiodic response to fl

flowering cultivar, 'Hotaru', showed habits similar to those of 'Iwan summer-to-autumn flowering disbudded chrysanthemum cultivar in results, the flowering of 'Hotaru' could be manipulated by lighting w annual climate changes. Here, we propose that breeding and selectic spray chrysanthemum cultivars with a 'Hotaru' type flowering respo for stable summer production of a selected cultivar in each color.

Key Words: [changing climate](#), [flowering time manipulation](#), [inhibit](#)

[\[PDF \(427K\)\]](#) [\[References\]](#)

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To cite this article:

Atsushi Oda, Katsuhiko Sumitomo, Takashi Tsunemi, Mitsuru Doi, Tamotsu Hisamatsu. 2010. Variations of Photoperiodic Response and Development in July- and August-flowering Small-flowered Sp Small-flowered Sp Cultivars . Hort. Res. (Japan) 9: 93-98 .

doi:10.2503/hrj.9.93