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Bud Pollination for Production of Diploid Seedless V Partially Inactivated Pollen

Keita Sugiyama¹⁾ and Masako Akutsu¹⁾

1) National Agricultural Research Center for Hokkaido Region

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Diploid seedless watermelons are presently produced by pollination inactivated (soft X-ray irradiated) pollen. Bud pollination on the day was tested as a means of reducing labor in seedless watermelon pro rates by pollination in the afternoon, as well as those on the day of f than those in the morning. There was no difference in fruit weight, fr soluble solids (Brix), flesh color, rind hardness, and number of emp fruits resulting from bud pollinations and the fruits produced by pollidate. These results were almost similar to those of partially inactival

about one year. Our previously established seedless watermelon prinvolved making the soft X-ray irradiated pollen, covering the femal before flowering, artificial pollination, and covering the female flowe bud pollination, the work involved in covering the female flower beformitted, and since preserved inactivated pollen could be used, the t reduced by about 63.5%.

Key Words: empty seed, laborsaving, parthenocarpy, soft X-ray pollen

[PDF (489K)] [References]

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