

THE RESULT OF PLANTING TRIPLOID SEEDLESS WATERMELON LINES IN MEKONG DELTA

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Two triploid watermelon lines (TriP1 and TriP2) were hybridized at College of Agriculture and Applied Biology, Can Tho University, multiplied by Tissue culture, acclimatation and planted at two sites: in Binh Thuy, Can Tho and in Chau Thanh, Hau Giang, in order to compare their growing and developmental abilities. The results showed that in Can Tho the growth (the length of string, number of leaves, size) of the line TriP1 was higher than that of the control and the line of TriP2. The weight, yield and fruit quality (soluble solids concentration and rind thickness), however, were not much statistically different. In Hau Giang, the line of TriP1 had the same growth rate as the check sample/control and TriP2 lines. Simultaneously, the fruit weight and yield (2.2 kg and 36.91 tons/ha, respectively) were higher than the check control (1.73 kg and 28.94 tons/ha) and TriP2 lines (1.55 kg and 25.56 tons/ha), and had the same quality of fruit.

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