

STUDY ON SOME CULTURAL TECHNIQUES OF BRASSICA BABYGREENS

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Summary

The study was conducted at greenhouse for clean vegetable, Agricultural Research and Experimental Facilities, Can Tho University, from June to December in 2017. Three experiments was carried out in complete randomized design (CRD) with 6 replications. The research goal were determined kinds of leafy Brassica harvesting at baby, seed amount, kinds of substract and watering method for good growth and yield contributing to large scale production. Experiment 1, survey of six variety babygreens. The 6 treatments were used including: (1) Radish greens, (2) Golden frills mustard green, (3) Mustard greens, (4) Vietnamese leaf mustard, (5) Japanese mustard greens and (6) Red mustard greens. Results showed that Golden frills mustard green, Radish greens and Mustard greens had highest total yield (2.30-2.50 kg/m²), marketable yield was highest at Golden frills mustard green. Experiment 2, effect of seed amount of Golden frills mustard green on growth and yield. The 4 treatments were used including: (1) 10 g/m², (2) 15 g/m², (3) 20 g/m², (4) 25 g/m². Amount of seeds 20 g/m² had total yield 2.58 kg/m² and growth characters were highest. The third experiment, comparing substrates and method irrigation. Results showed that coconut fiber dust + drip irrigation and coconut fiber dust + rain irrigation had total yield (2.50 and 2.51 kg/m², respectively), marketable yield and growth characters were highest.

Keywords: Babygreens, growth, irrigation method, seed amount, substrates, yield.