RESULTS OF SELECTION AND RESEARCH SOME TECHNICAL MEASURE OF PURPLE ROSE – 01
CHRYSANTHEMUM
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Summary
From the germplasm source of introduced chrysanthemum, the Fruit and Vegetable Research Institute has selected a cultivar, namely Tim Hong-01 one, which performed vigorous growth and development, resistant to pests and diseases. The plant produced flowers of pinkish violet color and 13 cm in diameter, with total developmental duration of 95-100 days, and reached 80-90 cm high. Study results of the cultivar was officially accepted by the Ministry of Agriculture and Rural Development in 2014. Trial production of the Tim Hong-01 cultivar in Hanoi, Hung Yen, Ha Nam, Hue in winter season 2014-2015 suggested that the plant was able to grow and develop well and high-efficient that enabled a total income of 270-370 million VND /ha/crop. The study also shows that propagation of Tim Hong-01 cultivar from cuttings rooted in the substrate of carbonized husk with application of α-NAA at concentration of 400 ppm obtained the best young plants. The cultivar was sensitive to lighting duration, thus, it required additional lighting for 18-22 hours within 30 days in winter cultivation so as to improve flower yield and quality and investment efficiency.

Keywords: Chrysanthemum, propagation, growth and development, breeding, seedling, light.