STUDY ON VARIETY SELECTION AND DENSITY OF INTRODUCED MORINGA ACCESSIONS AS VEGETABLE UNDER THUA THIEN HUE CONDITION

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Summary

In this study, we evaluated growth, development and yield of induced moringa accessions and finding out suitable density for moringa as vegetable under Thua Thien - Hue condition. Materials used in this study were fine moringa accessions provided by AVRDC-The World Vegetable Center (VI 048687, VI 048590, VI 048718, VI 048966, and VI 047492) and one local variety (control check. The results showed that VI 7492 and VI 8718 had highest survival rate (over 80%), good growth and development, and high yield; harvesting time was about 107 – 114 days. These accessions can be grown under Thue Thien - Hue condition. Study on density of moringa using VI 8718 accessions with 6 densities such as 400,000 plants/ha (15 x 15 cm), 300,000 plants /ha (15 x 20 cm), 200,000 plants /ha (15 x 30 cm), 180,000 plants /ha (20 x 25 cm), 130,000 plants /ha (25 x 30 cm); 160,000 plants/ha (20 x 30 cm). The experiment was laid out in a RCBD with 3 replications. The results showed that density 160,000 plants/ha (20 x 30 cm) had good growth, development and high yield. This density is suitable for growing moringa as vegetable in home garden.

Keyword: Moringa oleifera, vegetable, density, Thua Thien – Hue.