

Title : The effect of different ratios of organic waste compost from leaves of lettuce that affect growth and flowers to enhance the productivity of planted marigold thongchalem.

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Abstract

The effect of different ratios of organic waste compost from leaves of lettuce that affect growth and flowers to enhance the productivity of planted marigold thongchalem. The experiment was completely random (Randomized Complete Block Design ; RCBD หรือ RBD) consists of 4 treatment 3 repeat; (T₁) (CONTROL) Do not compost lettuce, (T₂) Ratio (30% soil, compost, 70%), (T₃) Ratio (50% soil, compost, 50%) and (T₄) Ratio (70% soil, compost, 30%) A ratio of 2 kg /bag nursery the study, plant height, width or length or diameter canopy every 15,30 days, and a new branch in 45 days number of flowers Diameter and weight, fresh flowers in every eight day the planting marigolds principal residence Miss.Araya Mooksika Buriram Rajabhat University

The height, width, length or diameter canopy of leaves, branches and calendula age 15,30 and 45 day that (T₄) Ratio (70% soil, compost, 30%) the highest the number of flowers Fresh flowers, flower diameter and weighs between 70-78 days that (T₄) Ratio (70% soil, compost, 30%) the second was the most productive (T₃) (50% soil, compost, 50%) Yield not differ much harder the (T₁) no compost, beet yield lowered.

Keyword : Composting of organic waste lettuce leaves in different ratios. Growth Productivity Marigold