

## Results

1. Productivity of the mushroom showed a different productivity dependent upon the container and culture technique. Straw mushroom grown on rice straw with conventional method gave the highest productivity of 100 index scales, while grown in a 45 x 33 x 18 cm<sup>3</sup> plastic container it gave only 55 index scale and 68 index scale in 90 x 60 x 22 cm<sup>3</sup> wooden trays respectively (Table 1, Figure 1,4).

2. Up to 30 kg. of mixture; rice straw and 10% chicken manure which were composted 7 days before spawning gave the highest productivity of 396 index scale; the mixture of rice straw and dry water hyacinth 1:2 without composting gave the second highest productivity of 326 index scale but the mixture of rice straw and dry water hyacinth 1:1 without composting gave the lowest productivity of 203 index scale when they are compared to the 100 index scale of control (Table 2, Figure 2).