

**THE EFFECTS OF GIVING SOME MANURES MEDIA AS WELL AS RABBIT'S URINE TO THE GROWTH AND PRODUCTION OF MELON PLANTS (*Cucumis melo* L.) cv. 'Sky Rocket'**

**By**

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Melon fruit (*Cucumis melo* L.) is a plant which has a high commercial value in Indonesia. The production of melon is determined by a good cultivation method it is with fertilization. this research aims (1) to know the effect of giving chicken manure, goat manure, rabbit manure or cow manure to the growth and production of melon plant . (2) to know the effect of rabbit's urine concentration to the growth and production of melon plant (3) to know the effect of each manure at every rabbit's urine concentration level to the growth and production of melon plant

This research is conducted from November 2011 till January 2012 at Palapa VI street, Bandar Lampung. This research uses (1) factorial treatment design (4 x 4) . the first factor is 4 kinds of chicken manure , goat-manure, rabbit-manure, cow manure. the second factor is 4 levels of rabbit's urine concentration, they are 0 ml/l, 5 ml/l, 10 ml/l, 15 ml/l. The design of experiment uses completely random group design (RKTS) with repetition 3 times. Data analysis is continued with polynomial hexagonal at level of 5%. The results of research show that (1) Rabbit's manure is better than cow's manure in resulting fruit's diameter and weight. (2) at rabbit's urine concentration level 6,1 ml/l resulted in maximal °brix up 15.8 % (3) at goat manure media, the giving of rabbit's urine concentration 10,4 ml/l gave the effect to fruit's maximum weight 95,5 gram and at rabbit's manure media, the giving of rabbit's urine concentration 10,84 ml/l gave the effect to fruit's maximum diameter 12,4 cm

Keywords : melon, manure, rabbit's urine