**Effect of Organic Manure on the Yield of Cabbage**

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**Summary**

To investigate the optimal fertilization of cabbage in medium high altitude area, different kinds of manure were tested from fall crop, 1993 to spring crop, 1994. The results indicated that application of unfermented chicken manure (20 t/ha) could get higher yield by 11.5 and 10.7% in fall and spring crop, respectively. The nutritional elements contents of leaf and head had no significant difference among treatments during growth period. Application of unfermented chicken manure enhanced the activity of root at early growth stage. But, when fermented manure applied, higher activity of root was found at middle growth stage. To study the optimal nitrogen fertilizer and manures combination, the unfermented chicken manure and fermented pig manure were used as basic manure, and the levels of nitrogens including 250, 300, 350 kg/ha were adopted in field trial from fall crop, 1994 to spring crop, 1995. Results showed that pig manure 10t/ha combined with N 350kg/ha had higher cabbage yield than N 250kg/ha, N 300kg/ha combinations. And there was no significant difference of yield among chicken manure combinations.

(Key words: Cabbage, Organic manure, Chicken compost, high-land vegetation)

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