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## A CASE STUDY

# Evaluation of different methods of turmeric (*Curcuma longa* L.) plantation

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**Abstract :** A study on different methods of turmeric (*Curcuma longa* L.) planting was carried out at farmers' field of district Hoshiarpur to evaluate the growth and yield of turmeric. The mean length of turmeric rhizomes for T<sub>1</sub> (planting of turmeric manually at 30cm × 20cm spacing), T<sub>2</sub> (planting of turmeric manually at 45cm × 15cm spacing) and T<sub>3</sub> (planting of turmeric with semi-automatic potato planter at a spacing of 60cm × 15cm) after uprooting was 7.85cm, 7.91cm and 8.20cm, respectively while the mean diameter of turmeric rhizomes for T<sub>1</sub>, T<sub>2</sub> and T<sub>3</sub> after uprooting was 3.05cm, 2.64cm and 3.45cm, respectively. The number of rhizomes per kg for T<sub>1</sub>, T<sub>2</sub> and T<sub>3</sub> were 34, 30 and 24, respectively. The yield of turmeric rhizome was highest (130.0 q/acre) in T<sub>3</sub> which was 17.65 per cent and 8.33 per cent more as compared to T<sub>2</sub> and T<sub>1</sub>, respectively because the rhizomes were grown on ridges and the overall size of rhizomes was bigger.

**Key Words :** Turmeric, Growth, Planting method, Yield

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