

## INFLUENCE OF BEE VISITATION ON QUANTITATIVE AND QUALITATIVE PARAMETERS OF CORIANDER IN CHHATTISGARH

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**Abstract:** The quantitative parameters such as number of seed per umbel (34.93), number of umbel per plant (30.45), seed yield per plant (4.35 g), seed weight per umbel (0.45 g), seed size (3.30 mm), 1000 seed weight (10.13 g) were recorded maximum in control treatment (total open) and minimum recorded number of seed per umbel (14.95), number of umbel per plant (13.30), seed yield per plant (1.98 g), seed weight per umbel (0.20 g), seed size (1.63 mm), 1000 seed weight (6.80 g) in total closed treatment. The qualitative parameter such as germination percentage (79.50%), seedling vigour index (1233.84), shoot length (9.00 cm) and root length (6.50 cm) were significantly higher in total open (control) treatment compared to other treatment and the minimum germination percentage (58.75%), seedling vigour index (587), shoot length (6.75 cm), root length (3.25 cm), were recorded in total closed treatment.

**Keywords:** Coriander crop, Indian honey bee, *Apis cerana indica*, Pollination, Yield parameter

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