Studies on the influence of bee attractants on bee visition of *Apis dorsata* and *Trigona* sp. on onion (*Allium cepa* L.)

J.S. PATIL, R.B. MOKAT, G.S. KAMATE AND R.V. MUPADE


**SUMMARY**

During *Rabi* season of 2008-09, a field experiment was conducted at Marathwada Agricultural University, Parbhani. The result revealed that a day before the first spray, the number of bees visiting the onion flower ranged from 1.66 to 2.50 bees/m²/min and did not differ significantly among the treatments. However, the following day after the first spray, Bee-Q (15 g/lit) attracted the higher number of bees 5.17 bees/m²/min. *Trigona* sp. treatment with Bee-Q (15 g/lit) (4.00 bees/m²/min) was significantly superior in attracting more number of bees and was at par with Bee-Q (12.5 g/lit), Bee-Q (10g/lit), sugar syrup 5% and molasses 10% recorded (3.83, 3.67, 3.67 and 3.60 bees/m²/min) on 1st day after 1st spray. Open pollination without spray recorded the lowest number of bees (2.30 bees/m²/min).

**Key words :**
Onion, Honeybee, Pollination, Beeattractant, Molasses

Accepted :
April, 2010