**Mango Pest Weather Calendar: Rangamati Region** (Districts: Rangamati, Khagrachari and Bandarban) **Bangladesh** **Pest:** Mango Hopper

| | Region: Rangamati | Mango | | | | | | | | | | | | | | | | | | | | | | | | Duration: 160-165 days |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Weather warning | Months | January | | | February | | | | March | | | | April | | | | May | | | | June | | | | July | |
| | Max. Temp. (°C) | >25° C (wk 02) | | | | | | | | | | | >34° C (wk 17) | | | | | | | | | | | | | |
| | Min. Temp. (°C) | < 13° C (wk 02) | | | | | | | | | | | < 25° C (wk 17) | | | | | | | | | | | | | |
| | RHmax (%) | > 95 % (wk 02) | | | | | | | | | | | > 92 % (wk 17) | | | | | | | | | | | | | |
| | RHMin (%) | < 47 % (wk 02) | | | | | | | | | | | < 54 % (wk 17) | | | | | | | | | | | | | |
| | Rainfall (mm) | > 3 mm | | | | | | | | | | | > 20 mm | | | | | | | | | | | | | |
| Weekly normal weather | Std.Week | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| | Rainfall (mm) | 0.0 | 3.0 | 0.0 | 0.0 | 2.0 | 0.0 | 10.0 | 5.0 | 8.0 | 4.0 | 4.0 | 4.0 | 21.0 | 49.0 | 29.0 | 26.0 | 67.0 | 72.0 | 63.0 | 59.0 | 72.0 | 122.0 | 134.0 | 125.0 | 101.0 |
| | Max. Temp. (°C) | 25.6 | 26.0 | 26.6 | 27.0 | 28.3 | 29.3 | 29.9 | 30.9 | 31.7 | 32.9 | 33.1 | 33.0 | 33.0 | 33.4 | 33.7 | 33.7 | 33.1 | 33.0 | 33.3 | 32.9 | 33.0 | 32.0 | 31.7 | 31.3 | 31.0 |
| | Min. Temp. (°C) | 13.6 | 13.1 | 13.0 | 14.1 | 14.4 | 16.0 | 16.3 | 17.6 | 18.4 | 19.9 | 20.9 | 21.7 | 22.3 | 22.9 | 23.6 | 23.4 | 23.6 | 23.9 | 24.1 | 24.4 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| | RHmax (%) | 94.7 | 94.3 | 94.3 | 93.4 | 92.9 | 91.7 | 91.0 | 90.4 | 89.3 | 89.3 | 90.3 | 90.4 | 89.9 | 89.7 | 90.6 | 91.4 | 91.6 | 91.6 | 92.0 | 92.1 | 92.3 | 93.0 | 94.0 | 93.7 | 93.7 |
| | RHMin (%) | 50.1 | 46.1 | 43.9 | 44.9 | 41.7 | 42.1 | 39.4 | 40.0 | 38.9 | 39.7 | 43.7 | 48.0 | 49.7 | 51.1 | 52.9 | 54.9 | 56.4 | 59.4 | 61.1 | 65.9 | 67.7 | 69.6 | 72.7 | 73.6 | 74.4 |
| | SShr (hrs) | 50.0 | 53.0 | 56.0 | 53.0 | 57.0 | 56.0 | 56.0 | 59.0 | 58.0 | 56.0 | 52.0 | 50.0 | 55.0 | 54.0 | 55.0 | 54.0 | 50.0 | 50.0 | 44.0 | 42.0 | 39.0 | 35.0 | 30.0 | 29.0 | 28.0 |

**Stages**

Swelling of apical buds

Panicle elongation

Panicle growth & flowering

Pea stage

Fruit development /Fruit growing stage

Maturity/Ripening/Harvesting stage

**Insect's life cycle**

Egg Nymph Adult Egg Nymph Adult Egg Nymph Adult Egg Nymph Adult Egg Nymph Adult Egg Nymph Adult Egg Nymph Adult Egg Nymph Adult