






## Crop Weather Calendar of Litchi: Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) Bangladesh

| Region:<br>Mymensingh | Litchi  |      |      |      |   |      |      |      |  |      |      |      |      |   |      |      |      |   |      |      | Duration: 168 days |      |      |      |
|-----------------------|---|------|------|------|---|------|------|------|--|------|------|------|------|---|------|------|------|---|------|------|--------------------|------|------|------|
| Months                | January   |      |      |      | February  |      |      |      | March  |      |      |      |      | April   |      |      |      | May   |      |      |                    | June |      |      |
| Std.Week/Normal       | 1   | 2    | 3    | 4    | 5   | 6    | 7    | 8    | 9  | 10   | 11   | 12   | 13   | 14  | 15   | 16   | 17   | 18  | 19   | 20   | 21                 | 22   | 23   | 24   |
| Rainfall (mm)         | 0   | 3    | 1    | 0    | 2   | 1    | 5    | 7    | 1  | 4    | 6    | 11   | 17   | 20  | 30   | 40   | 36   | 55  | 62   | 69   | 97                 | 81   | 96   | 103  |
| Max. Temp. (°C)       | 24.4  | 24.0 | 24.0 | 25.1 | 25.9  | 26.6 | 27.4 | 28.1 | 29.1   | 30.3 | 31.0 | 31.9 | 31.3 | 32.1  | 32.7 | 32.0 | 31.7 | 31.6  | 31.9 | 32.3 | 32.0               | 32.0 | 32.0 | 31.7 |
| Min. Temp. (°C)       | 12.0  | 11.6 | 11.9 | 12.0 | 13.0  | 13.7 | 15.0 | 15.9 | 16.6   | 17.4 | 18.6 | 19.9 | 20.9 | 21.9  | 22.4 | 22.9 | 22.9 | 22.9  | 23.6 | 24.0 | 24.3               | 25.0 | 25.6 | 25.7 |
| Mean Temp. (°C)       | 18.2  | 17.8 | 18.0 | 18.6 | 19.5  | 20.2 | 21.2 | 22.0 | 22.9   | 23.9 | 24.8 | 25.9 | 26.1 | 27.0  | 27.6 | 27.5 | 27.3 | 27.3  | 27.8 | 28.2 | 28.2               | 28.5 | 28.8 | 28.7 |
| RHmax (%)             | 95.1  | 94.4 | 94.4 | 93.4 | 92.6  | 92.1 | 91.4 | 90.6 | 90.9   | 90.6 | 90.1 | 89.7 | 90.4 | 89.9  | 90.9 | 91.1 | 91.3 | 92.4  | 92.6 | 92.7 | 92.7               | 94   | 94.1 | 94.7 |
| RHMin (%)             | 53.6  | 53.1 | 51.4 | 47   | 47.9  | 45.3 | 45   | 45.1 | 44.3   | 43.6 | 44.6 | 48.3 | 54.7 | 55  | 56.6 | 61.1 | 62.6 | 64.6  | 66   | 66.4 | 69.4               | 71.9 | 73   | 75.4 |
| RHmean (%)            | 74.4  | 73.8 | 72.9 | 70.2 | 70.3  | 68.7 | 68.2 | 67.9 | 67.6   | 67.1 | 67.4 | 69.0 | 72.6 | 72.5  | 73.8 | 76.1 | 77.0 | 78.5  | 79.3 | 79.6 | 81.1               | 83.0 | 83.6 | 85.1 |
| SShr (hrs)            | 41.0  | 39.0 | 41.0 | 45.0 | 44.0  | 48.0 | 50.0 | 50.0 | 51.0   | 53.0 | 53.0 | 48.0 | 44.0 | 49.0  | 49.0 | 49.0 | 46.0 | 44.0  | 44.0 | 45.0 | 39.0               | 36.0 | 34.0 | 26.0 |
| WD (deg)              | 230   | 236  | 216  | 238  | 228   | 218  | 222  | 210  | 214  | 202  | 208  | 179  | 165  | 149   | 146  | 143  | 128  | 126   | 134  | 131  | 126                | 130  | 142  | 138  |
| WS(Km/hr)             | 3.7   | 3.7  | 3.7  | 3.7  | 3.7   | 3.9  | 4.4  | 5.4  | 5.0  | 5.4  | 5.6  | 6.3  | 6.1  | 7.2   | 6.8  | 7.2  | 7.6  | 7.4   | 6.8  | 7.4  | 7.4                | 6.8  | 6.1  | 7.4  |
| Stages                |  |      |      |      |  |      |      |      |  |      |      |      |      |  |      |      |      |  |      |      |                    |      |      |      |
|                       | Flower Bud Formation  |      |      |      | Flower panicle emergence  |      |      |      | Flowering and Fruit setting  |      |      |      |      | Fruit development   |      |      |      | Fruit Maturity and Harvesting   |      |      |                    |      |      |      |

| Congenial Weather Condition for Diseases |  |  |   |
|--|--|--|---|
| Bacterial leaf Blight                    |  |  | Mean Temp. 23.0 °C- 29.0 °C, RH: 67-85% |
| Fruit rot                                |  |  | Mean Temp. 27.5°C -29.0°C, RH: 78-86%   |
| Panicle blight                           |  |  | Mean Temp. 23.0 °C- 29.0 °C, RH: 67-80% |
| Fruit blight                             |  |  | Mean Temp. 27.5°C -29.0°C, RH: 78-86%   |

| Congenial weather for insect-pests |  |  |  |
|------------------------------------|--|--|--|
| Fruit borer                        |  |  | Mean Temp. 27.0°C -30.0°C, Relative Humidity: 73-86% |
| Litchi mite                        |  |  | Mean Temp: 18.0°C -29.0°C, Relative Humidity: 70-86% |
| Leaf minor                         |  |  | Mean Temp: 18.0°C -29.0°C, Relative Humidity: 70-86% |

| Weather Warning   |        |  |  |
|-------------------|--------|--|--|
| Rainfall          | > 3 mm |  | > 20 mm  |
| Cloudy Weather    |        |  | Cloudy Weather                                 |
| Relative Humidity |        |  | Maximum Humidity > 90 % Minimum Humidity > 45% |
| Hail storm        |        |  | Hail storm                                     |
| High wind         |        |  | > 20 km/hr                                     |
| Temperature       |        |  | Max. Temp. > 28.0 °C and Min. Temp. <12.0 °C   |