**Table S1:** Meteorological conditions during the growing periods (2016/17 and 2018/19) of common bean.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Period** | **Max temp (°C)** | **Min temp (°C)** | **Relative humidity (%)** | **Total rainfall (mm)** |
| **2016/17** |
| October | 24.5 | 15.8 | 76.1 | 176.4 |
| November | 27.1 | 16.5 | 69.3 | 92.0 |
| December | 30.6 | 20.2 | 70.2 | 120.5 |
| January | 31.3 | 21.7 | 74.3 | 167.5 |
| **2018/19** |
| October | 33.2 | 9.0 | 81.5 | 110.8 |
| November | 34.6 | 12.3 | 79.4 | 108.6 |
| December | 38.9 | 11.0 | 77.7 | 24.8 |
| January | 39.7 | 19.5 | 81.8 | 151.6 |