**Supplementary Table 1|** The relative soil water content corresponding to different drought degrees

|  |  |
| --- | --- |
| Degree of drought | Relative substrate water content (R) |
| Over-wet | R>80% |
| wet | 60% <R≤ 80% |
| moderate stress | 40% <R≤60% |
| Severe drought | 20% <R≤ 40% |
| special drought | R≤20% |