Supplement 2: Survival rates [%] of the different cultivars included into this study from 1st season to 2nd season

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cultivar | Almaty | Bishkek I | Bishkek II | Jalalabad | Lavar | Tup | Khorog | Mean survival rate by cultivar across all sites |
| Mirza Terek |  |  | 85 | 30 |  | 100 |  | 72 |
| Pyramidalis |  |  |  |  |  |  | 50 | 50 |
| Samsun |  |  | 92 | 77 |  | 100 |  | 90 |
| 89M060 |  |  | 93 | 86 |  | 100 |  | 93 |
| Oudenberg | 100 | 100 | 100 | 0 | 89 | 100 | 93 | 83 |
| Orion | 110 | 90 | 200 |  | 100 |  | 93 | 119 |
| H-8 | 100 | 100 | 25 |  | 100 |  | 93 | 84 |
| H-11 | 100 | 95 | 100 | 100 | 100 |  | 100 | 99 |
| H-17 | 100 |  | 100 |  | 100 |  | 100 | 100 |
| H-33 | 100 |  | 100 | 100 | 100 | 100 | 100 | 100 |
| Tielpolo |  |  | 100 | 58 |  |  |  | 79 |
| Bellini |  |  | 100 | 100 |  | 100 |  | 100 |
| Veronese |  |  | 93 | 0 |  | 100 |  | 64 |
| Vesten | 100 | 100 |  |  |  |  |  | 100 |
| Kazakhstani |  |  | 36 | 8 | 95 | 100 |  | 60 |
| Kyzyl Tan |  |  |  |  | 64 |  |  | 64 |
| H-275 | 100 | 100 | 0 | 0 | 44 | 100 | 100 | 63 |
| Matrix-11 | 83 | 92 | 4 | 0 | 42 | 100 | 100 | 60 |
| Matrix-49 | 100 |  |  |  |  |  |  | 100 |
| Matrix-24 | 100 |  |  |  |  |  |  | 100 |
| Fastwood 1 |  |  | 3 | 0 |  | 100 | 93 | 49 |
| Fastwood 2 |  |  | 6 | 83 |  | 100 | 100 | 72 |
| Max-3 | 100 | 97 | 31 | 93 | 55 | 100 | 89 | 81 |
| Max-4 | 100 | 100 |  |  |  |  |  | 100 |
| Max-1 | 100 |  |  |  |  |  |  | 100 |
| Muhle-Larsen | |  | 0 |  |  | 100 | 100 | 67 |
| FrItzi Pauley | 92 | 100 | 6 | 18 |  | 100 | 93 | 68 |
| Trichobel | 100 | 100 | 0 | 100 | 50 | 100 | 94 | 78 |
| Ozolin |  |  | 100 | 0 |  |  |  | 50 |
| *P. pamirica* |  |  |  |  |  |  | 0 |  |
| *P. simonii* |  |  |  |  |  | 100 |  | 100 |
| Mean survival rate per site across all cultivars | 99 | 98 | 63 | 47 | 78 | 100 | 87 |  |