**PHS Screening Results**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Falling Number** | |  |  |  |  |
| Days | Wintmalt | Violetta | Maja | TeePee | Thoroughbred | Scala |
| 0 | 363 | 478 | 315 | 410 | 335 | 383 |
| 1 | 386 | 476 | 357 | 342 | 367 | 376 |
| 3 | 370 | 455 | 336 | 398 | 374 | 398 |
| 5 | 366 | 446 | 356 | 391 | 398 | 385 |

**Notes:** Days correspond to the intervals that barley samples were exposed to 8hr humidity treatments as described in methods section. Samples were not exposed to 1, 3, and 5 full days of humidity; just 1, 3 and 5 day intervals.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **TZT Scoring** | |  |  |  |  |
| Days | Wintmalt | Violetta | Maja | TeePee | Thoroughbred | Scala |
| 0 | 25% | 40% | 15% | 30% | 35% | 40% |
| 1 | 20% | 30% | 65% | 10% | 15% | 30% |
| 3 | 15% | 15% | 70% | 10% | 25% | 75% |
| 5 | 70% | 65% | 85% | 60% | 15% | 65% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Germination Testing** | |  |  |
| Variety | Germination  Energy (%) | Germination  Capacity (%) | Water  Sensitivity (%) |
| Violetta | 44% | 83% | 21% |
| Scala | 59% | 95% | 48% |
| TeePee | 66% | 95% | 15% |
| Wintmalt | 72% | 85% | 32% |
| Thoroughbred | 10% | 93% | 3% |
| Maja | 79% | 97% | 78% |