**Annexure 4: Seedling response of AVT lines against the pathogen of *Puccinia triticii* (black rust) during 2023-24 at Mahabaleshwar**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Genotype** | **Pt-11A** | **Pt-40A** | **Pt-21A2** | **Pt-117-6** | **Pt-295** | **Pt-40-2** | **Pt-117-3** | **Pt-11** | **Pt-122** |
| DBW445 | R | R | R | R | S | S | R | S | R |
| HD3461 | R | R | R | S | S | R | R | S | R |
| HD3463 | R | R | R | R | S | R | R | S | R |
| DBW434 | R | R | R | R | R | R | R | R | R |
| CG1044\* | R | R | R | S | S | R | R | S | R |
| MP1399 | R | R | R | R | R | R | R | R | R |
| WH1320 | R | R | R | R | R | R | R | R | R |
| GW322 (C) | R | R | R | R | S | R | R | S | R |
| GW543\* | R | R | R | R | S | R | R | S | R |
| PBW906 | S | R | R | R | R | R | R | S | R |
| DBW377(I) (C) | R | R | R | R | S | R | R | S | R |
| PBW929 | R | R | R | R | S | R | R | R | R |
| DBW303(C) | R | R | R | R | R | R | R | R | R |
| DBW436 | R | R | S | R | R | R | R | S | S |
| MACS5065(Dic) | R | R | R | R | R | R | R | R | R |
| DDW66 | R | R | R | R | R | R | R | R | R |
| HI8713(C) | R | R | R | R | R | R | R | R | R |
| HI8858 | S | R | S | R | S | S | R | S | S |
| HI8855 | R | R | R | R | R | R | R | R | R |
| HW5306(Dic) | R | R | R | R | R | R | R | R | R |
| HI8854 | S | R | R | R | S | R | R | S | R |
| WHD969 | S | R | S | R | R | R | S | S | S |
| DDW67 | S | R | R | R | S | R | R | S | S |
| PDW366 | S | R | R | R | S | R | R | S | S |
| UAS485 | S | S | S | S | S | R | S | S | R |
| PDW368 | R | R | R | R | R | R | R | R | R |
| DDK1067(Dic) | S | R | S | R | S | S | S | S | S |
| HI8853 | R | R | R | R | R | R | R | R | R |
| PDW367 | R | R | R | R | R | R | R | R | R |
| HW5305(Dic) | R | R | R | R | R | R | R | R | R |
| MPO1403 | R | R | R | R | R | R | R | R | R |
| MPO1404 | S | R | S | R | S | S | S | S | S |
| MACS4147 | S | S | R | R | S | S | R | S | S |
| MACS4146 | R | R | R | R | R | R | S | S | R |
| PWU8 | R | R | R | R | R | R | R | R | R |
| HI8737(C) | R | R | R | R | R | R | R | R | R |
| NIDW1557 | R | R | R | R | R | R | R | R | R |
| DDK1066(Dic) | S | S | R | S | S | S | S | S | S |
| GW1371 | S | R | R | R | R | R | R | S | R |
| GW1370 | S | R | S | R | R | R | R | S | R |
| DDW65 | R | R | R | R | R | S | S | S | S |
| PDW314(C) | R | R | R | R | R | R | R | R | R |
| GW1369 | R | R | S | R | R | S | S | S | R |
| MACS3949(C) | R | R | R | R | R | R | R | R | R |
| PBN1841 | S | R | S | S | S | S | S | S | R |
| UAS486 | R | R | R | R | R | R | R | R | R |
| AKDW5520 | R | R | R | R | R | S | S | S | R |
| NIDW1542 | R | R | R | R | R | R | R | R | R |
| MACS5064(Dic) | S | S | R | R | R | S | R | S | R |
| DDK1029(Dic.C) | S | R | S | S | S | R | S | S | R |