

| Annexure 4. Performance of AVT IInd Year material against different diseases under multilocational testing during 2014-15 | | | | | | | | | | | | | | | |
|--|----------------|------|------|---------|----|--------|----|------|------|------|------|-----|-----|------|------|
| | | LS % | | LB (dd) | | PM 0-9 | | KB % | | FS % | | FHB | | HB % | |
| Sr. No. | Entries | HS | AV | HS | AV | HS | AV | HS | AV | HS | AV. | HS | AV. | HS | AV. |
| I. NORTHERN HILL ZONE | | | | | | | | | | | | | | | |
| 1 | HS 562 | 50.7 | 26.4 | 67 | 24 | 7 | 4 | 42.5 | 11.2 | 9.1 | 2.8 | 3 | 2 | 38.9 | 26.2 |
| 2 | HPW 251 (C) | 51.4 | 23.1 | 89 | 45 | 5 | 2 | 35.9 | 11.5 | 5.3 | 1.3 | 4 | 2 | 7.0 | 2.3 |
| 3 | HPW 349 (C) | 52.9 | 32.8 | 89 | 35 | 6 | 3 | 91.5 | 28.5 | 37.7 | 10.8 | 4 | 3 | 29.2 | 15.4 |
| 4 | HS 375 (C) | 60 | 21.6 | 69 | 46 | 9 | 4 | 34.8 | 11.3 | 8.3 | 2.1 | 5 | 3 | 16.0 | 12.2 |
| 5 | HS 490 (C) | 80.6 | 31.3 | 78 | 35 | 5 | 3 | 17.8 | 3.8 | 22.2 | 10.1 | 5 | 3 | 3.3 | 1.1 |
| 6 | HS 507 (C) | 60.4 | 27.6 | 79 | 46 | 7 | 3 | 60.9 | 16.4 | 5.9 | 1.6 | 5 | 3 | 27.1 | 10.8 |
| 7 | HS 542 (C) | 55.2 | 20.1 | 78 | 35 | 9 | 4 | 60.7 | 26.3 | 0.7 | 0.2 | 5 | 3 | 13.5 | 11.4 |
| 8 | VL 804 (C) | 42.8 | 16.5 | 89 | 46 | 9 | 5 | 84.5 | 24.1 | 0 | 0 | 5 | 3 | 3.2 | 2.0 |
| 9 | VL 829 (C) | 23.3 | 5.9 | 79 | 35 | 9 | 5 | 31.8 | 10.9 | 0 | 0 | 5 | 3 | 6.8 | 4.2 |
| 10 | VL 892 (C) | 40.5 | 24.4 | 99 | 57 | 7 | 4 | 92.6 | 30.7 | 28.6 | 7.1 | 5 | 3 | 35.1 | 18.6 |
| 11 | VL 907 (C) | 46.1 | 18.9 | 69 | 36 | 9 | 5 | 70 | 13.4 | 40 | 10 | 5 | 3 | 55.4 | 28.2 |
| II. NORTH WESTERN PLAIN ZONE | | | | | | | | | | | | | | | |
| 12 | HD 4730 | 60.2 | 15 | 99 | 46 | 9 | 5 | 36.7 | 10 | 0 | 0 | 3 | 3 | - | - |
| 13 | MP 1277 | 40.3 | 15 | 69 | 36 | 9 | 4 | 63.8 | 23.9 | 5.3 | 1.3 | 3 | 2 | - | - |
| 14 | WH 1164 | 50.4 | 33.4 | 89 | 46 | 9 | 6 | 38.2 | 14.3 | 0 | 0 | 5 | 3 | - | - |
| 15 | DBW 88 (C) | 80 | 41.2 | 79 | 45 | 9 | 5 | 43.2 | 17.7 | 18.8 | 4.7 | 4 | 3 | - | - |
| 16 | DBW 90 (C) | 60.1 | 12 | 79 | 46 | 9 | 5 | 48.7 | 14.2 | 18.2 | 5.1 | 5 | 3 | - | - |
| 17 | DPW 621-50 (C) | 80.5 | 31.7 | 79 | 35 | 9 | 5 | 89.8 | 29.1 | 13.3 | 3.8 | 5 | 3 | - | - |
| 18 | HD 2967 (C) | 86.2 | 37.8 | 79 | 35 | 9 | 5 | 47.4 | 26.5 | 13 | 4.3 | 5 | 4 | - | - |
| 19 | HD 3043 (C) | 40.2 | 15.8 | 68 | 35 | 5 | 2 | 32.7 | 18.1 | 0 | 0 | 4 | 3 | - | - |
| 20 | HD 3059 (C) | 43.6 | 23.3 | 79 | 46 | 7 | 4 | 51 | 20.2 | 27.3 | 10 | 5 | 3 | - | - |
| 21 | HD 3086 (C) | 37.2 | 7.4 | 89 | 46 | 9 | 5 | 51.8 | 19.3 | 3.7 | 0.9 | 5 | 3 | - | - |
| 22 | PBW 644 (C) | 40.9 | 19.7 | 78 | 35 | 9 | 6 | 43.7 | 14.2 | 14.3 | 8.1 | 4 | 3 | - | - |
| 23 | PDW 233 (C) | 47.2 | 9.4 | 79 | 36 | 9 | 6 | 15.3 | 4 | 0 | 0 | 5 | 4 | - | - |
| 24 | PDW 291 (C) | 39.7 | 7.9 | 79 | 35 | 9 | 7 | 10 | 2.9 | 0 | 0 | 5 | 4 | - | - |

| Sr. No. | Entries | LS % | | LB (dd) | | PM 0-9 | | KB % | | FS % | | FHB | | HB % | |
|--------------------------------------|---------------------|------|------|---------|----|--------|----|------|------|------|------|-----|-----|------|-----|
| | | HS | AV | HS | AV | HS | AV | HS | AV | HS | AV. | HS | AV. | HS | AV. |
| 25 | PDW 314 (C) | 54.2 | 24 | 78 | 24 | 9 | 6 | 15.8 | 4.3 | 0 | 0 | 5 | 4 | - | - |
| 26 | WH 1021 (C) | 60.7 | 28.3 | 89 | 46 | 9 | 7 | 39.3 | 11.2 | 18.2 | 8.4 | 5 | 3 | - | - |
| 27 | WH 1080 (C) | 50.7 | 25 | 79 | 46 | 9 | 6 | 56.7 | 14.1 | 12.5 | 3.1 | 3 | 2 | - | - |
| 28 | WH 1105 (C) | 87.3 | 43.3 | 89 | 46 | 9 | 6 | 58.8 | 28.4 | 0 | 0 | 5 | 3 | - | - |
| 29 | WH 1124 (C) | 60.3 | 12.1 | 79 | 46 | 9 | 6 | 84.5 | 24.5 | 12.5 | 3.3 | 5 | 3 | - | - |
| 30 | WH 1142 (I) C) | 50.2 | 23.9 | 69 | 35 | 9 | 6 | 32.6 | 16.6 | 10.5 | 4 | 5 | 3 | - | - |
| III. NORTH EASTERN PLAIN ZONE | | | | | | | | | | | | | | | |
| 31 | C 306 (C) | 56.2 | 27.8 | 78 | 35 | 7 | 5 | 100 | 40.8 | 38.5 | 15.9 | 5 | 3 | - | - |
| 32 | HD 2888 (C) | 50 | 25.2 | 78 | 45 | 9 | 6 | 71.2 | 25.9 | 20 | 10.7 | 5 | 3 | - | - |
| 33 | K 8027 (C) | 45.9 | 24.2 | 78 | 35 | 9 | 7 | 54.3 | 21.4 | 0 | 0 | 4 | 2 | - | - |
| IV. CENTRAL ZONE | | | | | | | | | | | | | | | |
| 34 | HD 4728 (d) | 25.7 | 8.7 | 89 | 35 | 8 | 6 | 8.1 | 3.1 | 0 | 0 | 5 | 3 | - | - |
| 35 | HD 4730 (d) | - | - | 79 | 46 | 7 | 5 | 11.2 | 4.3 | 0 | 0 | 4 | 3 | - | - |
| 36 | GW 322 (C) | 62 | 31.2 | 89 | 57 | 9 | 6 | 42.4 | 17.3 | 27.3 | 7 | 5 | 3 | - | - |
| 37 | HD 2864 (C) | 43.4 | 27.5 | 89 | 57 | 9 | 6 | 50 | 16.7 | 18.8 | 5.2 | 5 | 3 | - | - |
| 38 | HD 2932 (C) | 42.2 | 19 | 89 | 57 | 9 | 6 | 24.7 | 9.6 | 42.9 | 11 | 5 | 3 | - | - |
| 39 | HI 1544 (C) | 70.6 | 25.3 | 89 | 57 | 9 | 7 | 94.8 | 33.7 | 53.3 | 21.1 | 5 | 3 | - | - |
| 40 | HI 8498 (D) (C) | 3.1 | 0.8 | 89 | 46 | 9 | 8 | 47.9 | 9 | 0 | 0 | 4 | 3 | - | - |
| 41 | HI 8737 (D)(I) (C) | 60.6 | 12.7 | 79 | 45 | 9 | 7 | 2.2 | 1.1 | 2 | 0.5 | 5 | 4 | - | - |
| 42 | MP 3336 (C) | 25.3 | 13.2 | 89 | 57 | 9 | 6 | 61.5 | 14.8 | 33.3 | 9.2 | 5 | 3 | - | - |
| 43 | MP 4010 (C) | 81 | 35.4 | 89 | 57 | 9 | 6 | 38.2 | 14.3 | 0 | 0 | 4 | 3 | - | - |
| 44 | MPO 1215 (d) (C) | - | - | 79 | 45 | 9 | 6 | 19.4 | 6.9 | 0 | 0 | 5 | 4 | - | - |
| V. PENINSULAR ZONE | | | | | | | | | | | | | | | |
| 45 | MACS 3927 (d) | 37.2 | 13.9 | 89 | 46 | 7 | 6 | 64.1 | 14 | 0 | 0 | 5 | 3 | - | - |
| 46 | NIAW 2030 | 45.3 | 24 | 58 | 35 | 9 | 6 | 80 | 22.8 | 36.4 | 11.7 | 5 | 3 | - | - |
| 47 | AKDW 2997-16(d) (C) | 9.9 | 2.5 | 89 | 57 | 9 | 6 | 5.6 | 1.4 | 0 | 0 | 5 | 3 | - | - |
| 48 | DBW 93 (I) (C) | - | - | 89 | 45 | 9 | 6 | 29.3 | 8.6 | 29.4 | 7.4 | 5 | 3 | - | - |
| 49 | MACS 6222 (C) | 51.1 | 18.6 | 67 | 35 | 9 | 6 | 42.4 | 16.4 | 14.3 | 7.4 | 5 | 3 | - | - |

| Sr. No. | Entries | LS % | | LB (dd) | | PM 0-9 | | KB % | | FS % | | FHB | | HB % | |
|---|------------------------|------|------|---------|----|--------|----|------|------|------|------|-----|-----|------|-----|
| | | HS | AV | HS | AV | HS | AV | HS | AV | HS | AV. | HS | AV. | HS | AV. |
| 50 | MACS 6478 (C) | 35.2 | 20.3 | 68 | 36 | 9 | 5 | 45.4 | 15.6 | 10.5 | 4.3 | 5 | 3 | - | - |
| 51 | NI 5439 (C) | 81.2 | 27.9 | 78 | 46 | 9 | 5 | 96 | 38.8 | 20 | 8.1 | 5 | 3 | - | - |
| 52 | NIAW 1415 (C) | 60.2 | 36.1 | 79 | 46 | 9 | 5 | 78.3 | 18.8 | 14.3 | 3.6 | 5 | 3 | - | - |
| 53 | UAS 347 (I) (C) | 64.7 | 14.6 | 79 | 35 | 9 | 4 | 35.6 | 11.9 | 16 | 4.2 | 5 | 3 | - | - |
| 54 | UAS 428 (d) (C) | 21.1 | 4.5 | 79 | 36 | 9 | 5 | 30.3 | 9.8 | 0 | 0 | 4 | 3 | - | - |
| 55 | UAS 446 (d) (I) (C) | 60.2 | 7.6 | 89 | 38 | 9 | 5 | 9.4 | 4.2 | 0 | 0 | 5 | 3 | - | - |
| VII. SPECIAL TRIAL | | | | | | | | | | | | | | | |
| 56 | (HD 2932 + Lr 19/Sr25) | 70.3 | 30 | 89 | 46 | 9 | 5 | 24.4 | 10.9 | 0 | 0 | 5 | 3 | - | - |
| 57 | MMBL 283 | 70.6 | 41.5 | 89 | 57 | 9 | 6 | 94 | 21.4 | 1.2 | 0.3 | 5 | 3 | - | - |
| 58 | PBW 723 | 61.5 | 32.3 | 79 | 46 | 9 | 5 | 16.3 | 7.9 | 33.3 | 16.2 | 4 | 3 | - | - |
| 59 | DBW 14 (C) | 70.3 | 31.6 | 89 | 46 | 9 | 5 | 21.2 | 7.4 | 8.7 | 5.9 | 5 | 3 | - | - |
| 60 | DDK 1029 (C) | 2.3 | 0.8 | 89 | 46 | 6 | 2 | 50 | 17.6 | 0 | 0 | 5 | 4 | - | - |
| 61 | HD 2985 (C) | 60.4 | 30 | 89 | 46 | 9 | 6 | 61.4 | 21.7 | 21.4 | 7.2 | 5 | 3 | - | - |
| 62 | HI 1563 (C) | 60 | 37.9 | 89 | 57 | 9 | 6 | 67.3 | 22.9 | 64.7 | 24.5 | 5 | 3 | - | - |
| 63 | HUW 234 (C) | 80 | 38.9 | 89 | 46 | 9 | 7 | 50 | 11.4 | 5.6 | 1.4 | 5 | 3 | - | - |
| 64 | HW 1098 (C) | - | - | 79 | 46 | 6 | 3 | 43.5 | 11.2 | 0 | 0 | 5 | 3 | - | - |
| 65 | K 0307 (C) | 70.3 | 26.2 | 89 | 46 | 9 | 5 | 39.5 | 13.7 | 0 | 0 | 5 | 3 | - | - |
| 66 | Kharchia 65 (C) | 60.3 | 29 | 79 | 46 | 9 | 5 | 86.6 | 32.2 | 51.9 | 13.4 | 5 | 3 | - | - |
| 67 | KRL 19 (C) | 50.4 | 20.9 | 99 | 56 | 9 | 5 | 45.5 | 15.2 | 15.4 | 5 | 4 | 3 | - | - |
| 68 | KRL 210 (C) | 60.2 | 23.3 | 99 | 46 | 6 | 4 | 40.6 | 10.7 | 9.1 | 2.3 | 5 | 3 | - | - |
| 69 | PBW 343 (C) | 80.2 | 33.2 | 89 | 46 | 9 | 6 | 29.3 | 14 | 61.1 | 22.6 | 5 | 3 | - | - |
| 70 | Raj 4083 (C) | 81.1 | 42 | 99 | 56 | 9 | 6 | 58.3 | 18.8 | 30.8 | 14.8 | 5 | 3 | - | - |
| 71 | TL 2942 (C) | 9.6 | 1.9 | 99 | 35 | 1 | 0 | 21.7 | 3.1 | 0 | 0 | 4 | 2 | - | - |
| 72 | TL 2969 (C) | 9.6 | 1.9 | 79 | 35 | 1 | 0 | 15.5 | 5.8 | 0 | 0 | 5 | 3 | - | - |
| 73 | WH 542 (C) | 55.2 | 30.1 | 79 | 35 | 9 | 5 | 18.2 | 7.8 | 27.3 | 15 | 5 | 4 | - | - |
| LS = Loose Smut, LB= Leaf Blight, PM = Powdery Mildew, , KB = Karnal Bunt, , FS = Flag Smut, FHB = Fusarium Head Blight, , HB = Hill Bunt, NS = No Seed, HS = Highest Score, AV = Average | | | | | | | | | | | | | | | |