

**2307-NIVT-5A-RI-TS-TAS-NAT-ZONE, 2023-24**  
**LOCATIONWISE MEAN YIELD (q/ha)**

| SN               | Variety     | Code | NWPZ     |    |   |          |    |   |           |    |          |          |         |   |          |    |   |
|------------------|-------------|------|----------|----|---|----------|----|---|-----------|----|----------|----------|---------|---|----------|----|---|
|                  |             |      | Delhi    |    |   | J&K      |    |   | Punjab    |    |          |          | Haryana |   |          |    |   |
|                  |             |      | Delhi    |    |   | Jammu    |    |   | Gurdaspur |    | Ludhiana |          | Hisar   |   |          |    |   |
|                  |             |      | Yield    | RK | G | Yield    | RK | G | Yield     | RK | G        | Yield    | RK      | G |          |    |   |
| 1                | PBW956      | N702 | 53.9     | 19 | 0 | 54.4     | 20 | 0 | 42.9      | 19 | 0        | 53.0     | 7       | 1 | 49.3     | 11 | 0 |
| 2                | BRW3959     | N703 | 63.9     | 4  | 1 | 57.1     | 9  | 0 | 56.8      | 5  | 0        | 47.9     | 12      | 0 | 51.4     | 7  | 0 |
| 3                | HD3485      | N704 | 65.3     | 2  | 1 | 52.2     | 21 | 0 | 44.8      | 17 | 0        | 42.0     | 23      | 0 | 45.8     | 18 | 0 |
| 4                | WH1340      | N706 | 60.9     | 8  | 0 | 62.0     | 6  | 0 | 52.9      | 9  | 0        | 47.9     | 15      | 0 | 54.1     | 4  | 1 |
| 5                | DBW468      | N707 | 54.6     | 16 | 0 | 54.5     | 19 | 0 | 47.6      | 13 | 0        | 44.4     | 19      | 0 | 46.9     | 16 | 0 |
| 6                | JAUW719     | N708 | 53.7     | 20 | 0 | 57.4     | 8  | 0 | 47.1      | 14 | 0        | 51.0     | 10      | 1 | 48.6     | 12 | 0 |
| 7                | HD3487      | N709 | 56.4     | 15 | 0 | 47.7     | 23 | 0 | 45.3      | 16 | 0        | 55.9     | 2       | 1 | 48.3     | 14 | 0 |
| 8                | UP3147      | N710 | 50.8     | 22 | 0 | 54.9     | 18 | 0 | 53.6      | 8  | 0        | 42.4     | 21      | 0 | 39.9     | 23 | 0 |
| 9                | PBW953      | N711 | 62.0     | 6  | 1 | 57.1     | 10 | 0 | 62.7      | 1  | 1        | 52.1     | 8       | 1 | 42.4     | 21 | 0 |
| 10               | DBW465      | N713 | 61.3     | 7  | 0 | 56.5     | 13 | 0 | 57.1      | 3  | 0        | 54.2     | 3       | 1 | 50.0     | 10 | 0 |
| 11               | PBW954      | N714 | 59.0     | 10 | 0 | 59.3     | 7  | 0 | 50.3      | 12 | 0        | 42.7     | 20      | 0 | 37.5     | 24 | 0 |
| 12               | PBW955      | N715 | 54.1     | 18 | 0 | 56.9     | 11 | 0 | 50.6      | 11 | 0        | 47.2     | 17      | 0 | 48.3     | 14 | 0 |
| 13               | WH1339      | N717 | 57.5     | 14 | 0 | 56.6     | 12 | 0 | 41.7      | 20 | 0        | 47.9     | 15      | 0 | 54.9     | 1  | 1 |
| 14               | HUW861      | N718 | 41.3     | 25 | 0 | 47.6     | 24 | 0 | 37.6      | 23 | 0        | 41.3     | 24      | 0 | 31.9     | 25 | 0 |
| 15               | DBW467      | N719 | 57.8     | 13 | 0 | 62.8     | 5  | 0 | 59.2      | 2  | 1        | 49.7     | 11      | 0 | 54.5     | 2  | 1 |
| 16               | HD3488      | N720 | 59.2     | 9  | 0 | 65.3     | 4  | 1 | 57.0      | 4  | 0        | 47.2     | 17      | 0 | 44.1     | 20 | 0 |
| 17               | KRL2203     | N721 | 64.3     | 3  | 1 | 66.1     | 3  | 1 | 52.1      | 10 | 0        | 53.8     | 5       | 1 | 48.6     | 12 | 0 |
| 18               | JKW320      | N722 | 63.7     | 5  | 1 | 55.1     | 15 | 0 | 53.8      | 7  | 0        | 42.4     | 22      | 0 | 44.8     | 19 | 0 |
| 19               | K2310       | N723 | 49.9     | 24 | 0 | 49.7     | 22 | 0 | 36.1      | 24 | 0        | 40.3     | 25      | 0 | 42.4     | 21 | 0 |
| 20               | DBW466      | N724 | 54.5     | 17 | 0 | 70.6     | 2  | 1 | 46.5      | 15 | 0        | 57.3     | 1       | 1 | 50.3     | 9  | 0 |
| 21               | HD3486      | N725 | 69.3     | 1  | 1 | 75.2     | 1  | 1 | 33.7      | 25 | 0        | 53.5     | 6       | 1 | 51.7     | 6  | 0 |
| 22               | NIAW3170(C) | N701 | 59.0     | 11 | 0 | 55.1     | 17 | 0 | 43.1      | 18 | 0        | 52.1     | 8       | 1 | 46.2     | 17 | 0 |
| 23               | HI1612 (C)  | N705 | 57.9     | 12 | 0 | 43.5     | 25 | 0 | 39.7      | 21 | 0        | 47.9     | 12      | 0 | 54.2     | 3  | 1 |
| 24               | K1317 (C)   | N712 | 51.5     | 21 | 0 | 55.1     | 15 | 0 | 55.5      | 6  | 0        | 54.2     | 3       | 1 | 50.7     | 8  | 0 |
| 25               | PBW644 (C)  | N716 | 50.7     | 23 | 0 | 55.6     | 14 | 0 | 38.4      | 22 | 0        | 47.9     | 12      | 0 | 54.1     | 4  | 1 |
| G.M.             |             |      | 57.3     |    |   | 57.1     |    |   | 48.3      |    |          | 48.6     |         |   | 47.6     |    |   |
| S.E.(M)          |             |      | 3.126    |    |   | 4.135    |    |   | 1.558     |    |          | 3.122    |         |   | 1.750    |    |   |
| C.D. (10%)       |             |      | 7.7      |    |   | 10.0     |    |   | 3.8       |    |          | 7.6      |         |   | 4.2      |    |   |
| C.V.             |             |      | 7.7      |    |   | 10.2     |    |   | 4.6       |    |          | 9.1      |         |   | 5.2      |    |   |
| D.O.S.(dd.mm.yy) |             |      | 03.11.23 |    |   | 30.10.23 |    |   | 26.10.23  |    |          | 31.10.23 |         |   | 02.11.23 |    |   |

No. of Trials : Proposed = 19 Conducted = 19  
 Trial not conducted (00) = Nil  
 Trials not reported (04) = NWPZ: Bulandshahr (LSM, HCV), Durgapura (LSM)  
 NEPZ: Kanpur (RMT), Shillongani (RMT)

**2307-NIVT-5A-RI-TS-TAS-NAT-ZONE, 2023-24**  
**LOCATIONWISE MEAN YIELD (q/ha)**

| SN               | Variety     | Code | NWPZ     |    |   |           |    |   |               |    |   | NEPZ     |    |   |            |    |   |
|------------------|-------------|------|----------|----|---|-----------|----|---|---------------|----|---|----------|----|---|------------|----|---|
|                  |             |      | Haryana  |    |   | U.P.      |    |   | Rajasthan     |    |   | U.P.     |    |   | Bihar      |    |   |
|                  |             |      | Karnal   |    |   | Modipuram |    |   | Sriganganagar |    |   | Varanasi |    |   | RPCAU-Pusa |    |   |
|                  |             |      | Yield    | RK | G | Yield     | RK | G | Yield         | RK | G | Yield    | RK | G | Yield      | RK | G |
| 1                | PBW956      | N702 | 31.8     | 24 | 0 | 43.6      | 19 | 0 | 46.5          | 10 | 0 | 31.9     | 19 | 0 | 33.1       | 21 | 0 |
| 2                | BRW3959     | N703 | 56.9     | 6  | 0 | 48.1      | 9  | 0 | 56.0          | 2  | 1 | 20.8     | 24 | 0 | 39.7       | 9  | 0 |
| 3                | HD3485      | N704 | 45.5     | 21 | 0 | 40.9      | 23 | 0 | 38.8          | 19 | 0 | 27.8     | 21 | 0 | 38.5       | 13 | 0 |
| 4                | WH1340      | N706 | 48.5     | 17 | 0 | 43.5      | 20 | 0 | 53.8          | 4  | 1 | 33.3     | 18 | 0 | 36.7       | 15 | 0 |
| 5                | DBW468      | N707 | 56.5     | 7  | 0 | 46.1      | 12 | 0 | 46.9          | 9  | 0 | 56.9     | 1  | 1 | 45.3       | 3  | 1 |
| 6                | JAUW719     | N708 | 47.1     | 18 | 0 | 42.9      | 21 | 0 | 54.7          | 3  | 1 | 27.8     | 21 | 0 | 36.3       | 16 | 0 |
| 7                | HD3487      | N709 | 41.2     | 23 | 0 | 42.4      | 22 | 0 | 48.7          | 7  | 0 | 34.7     | 16 | 0 | 42.4       | 8  | 1 |
| 8                | UP3147      | N710 | 54.0     | 11 | 0 | 45.7      | 15 | 0 | 37.2          | 22 | 0 | 36.1     | 14 | 0 | 43.8       | 7  | 1 |
| 9                | PBW953      | N711 | 54.5     | 10 | 0 | 47.6      | 10 | 0 | 40.7          | 18 | 0 | 55.6     | 2  | 1 | 37.6       | 14 | 0 |
| 10               | DBW465      | N713 | 59.5     | 4  | 0 | 55.0      | 1  | 1 | 42.5          | 15 | 0 | 55.6     | 2  | 1 | 33.2       | 20 | 0 |
| 11               | PBW954      | N714 | 44.9     | 22 | 0 | 47.0      | 11 | 0 | 38.2          | 21 | 0 | 30.6     | 20 | 0 | 45.7       | 1  | 1 |
| 12               | PBW955      | N715 | 52.2     | 13 | 0 | 49.4      | 6  | 1 | 41.8          | 16 | 0 | 45.8     | 6  | 0 | 39.2       | 11 | 0 |
| 13               | WH1339      | N717 | 67.6     | 1  | 1 | 51.5      | 4  | 1 | 41.2          | 17 | 0 | 43.1     | 7  | 0 | 38.7       | 12 | 0 |
| 14               | HUW861      | N718 | 51.5     | 14 | 0 | 38.2      | 24 | 0 | 35.9          | 23 | 0 | 37.5     | 12 | 0 | 43.9       | 6  | 1 |
| 15               | DBW467      | N719 | 64.4     | 3  | 0 | 48.9      | 8  | 0 | 47.1          | 8  | 0 | 36.1     | 14 | 0 | 44.0       | 5  | 1 |
| 16               | HD3488      | N720 | 57.3     | 5  | 0 | 52.3      | 3  | 1 | 44.6          | 13 | 0 | 41.7     | 10 | 0 | 35.5       | 17 | 0 |
| 17               | KRL2203     | N721 | 46.5     | 19 | 0 | 45.1      | 16 | 0 | 49.9          | 6  | 1 | 23.6     | 23 | 0 | 27.8       | 24 | 0 |
| 18               | JKW320      | N722 | 46.0     | 20 | 0 | 45.8      | 14 | 0 | 46.1          | 12 | 0 | 34.7     | 16 | 0 | 39.7       | 9  | 0 |
| 19               | K2310       | N723 | 21.7     | 25 | 0 | 35.5      | 25 | 0 | 29.5          | 25 | 0 | 15.3     | 25 | 0 | 24.8       | 25 | 0 |
| 20               | DBW466      | N724 | 55.9     | 9  | 0 | 49.1      | 7  | 0 | 51.1          | 5  | 1 | 36.1     | 13 | 0 | 29.6       | 23 | 0 |
| 21               | HD3486      | N725 | 52.8     | 12 | 0 | 44.7      | 17 | 0 | 46.2          | 11 | 0 | 38.9     | 11 | 0 | 33.5       | 19 | 0 |
| 22               | NIAW3170(C) | N701 | 49.7     | 16 | 0 | 46.1      | 13 | 0 | 56.5          | 1  | 1 | 43.1     | 7  | 0 | 35.1       | 18 | 0 |
| 23               | HI1612 (C)  | N705 | 56.3     | 8  | 0 | 44.5      | 18 | 0 | 43.2          | 14 | 0 | 48.6     | 4  | 0 | 45.6       | 2  | 1 |
| 24               | K1317 (C)   | N712 | 64.4     | 2  | 0 | 53.4      | 2  | 1 | 38.7          | 20 | 0 | 47.9     | 5  | 0 | 32.8       | 22 | 0 |
| 25               | PBW644 (C)  | N716 | 49.9     | 15 | 0 | 50.5      | 5  | 1 | 35.5          | 24 | 0 | 43.1     | 7  | 0 | 44.7       | 4  | 1 |
| G.M.             |             |      | 51.1     |    |   | 46.3      |    |   | 44.5          |    |   | 37.9     |    |   | 37.9       |    |   |
| S.E.(M)          |             |      | 0.922    |    |   | 2.447     |    |   | 2.701         |    |   | 1.733    |    |   | 1.679      |    |   |
| C.D. (10%)       |             |      | 2.3      |    |   | 5.9       |    |   | 6.7           |    |   | 4.2      |    |   | 4.1        |    |   |
| C.V.             |             |      | 2.6      |    |   | 7.5       |    |   | 8.6           |    |   | 6.5      |    |   | 6.3        |    |   |
| D.O.S.(dd.mm.yy) |             |      | 27.10.23 |    |   | 02.11.23  |    |   | 31.10.23      |    |   | 07.11.23 |    |   | 05.11.23   |    |   |

**2307-NIVT-5A-RI-TS-TAS-NAT-ZONE, 2023-24**  
**LOCATIONWISE MEAN YIELD (q/ha)**

| SN               | Variety     | Code | NEPZ     |    |   |           |    |   |          |    |           |          |         |   |          |    |   |
|------------------|-------------|------|----------|----|---|-----------|----|---|----------|----|-----------|----------|---------|---|----------|----|---|
|                  |             |      | Bihar    |    |   | Jharkhand |    |   | W.Bengal |    |           |          |         |   |          |    |   |
|                  |             |      | Sabour   |    |   | Ranchi    |    |   | Kalyani  |    | Manikchak |          | Burdwan |   |          |    |   |
|                  |             |      | Yield    | RK | G | Yield     | RK | G | Yield    | RK | G         | Yield    | RK      | G | Yield    | RK | G |
| 1                | PBW956      | N702 | 26.6     | 19 | 0 | 58.3      | 20 | 0 | 42.8     | 8  | 0         | 38.4     | 24      | 0 | 20.6     | 22 | 0 |
| 2                | BRW3959     | N703 | 36.5     | 7  | 0 | 66.7      | 6  | 0 | 33.5     | 24 | 0         | 54.4     | 9       | 0 | 21.6     | 21 | 0 |
| 3                | HD3485      | N704 | 37.1     | 6  | 0 | 55.6      | 21 | 0 | 47.4     | 2  | 1         | 43.7     | 20      | 0 | 32.5     | 7  | 0 |
| 4                | WH1340      | N706 | 33.8     | 8  | 0 | 63.9      | 12 | 0 | 36.0     | 20 | 0         | 55.1     | 8       | 0 | 24.1     | 15 | 0 |
| 5                | DBW468      | N707 | 45.8     | 1  | 1 | 61.1      | 15 | 0 | 39.6     | 16 | 0         | 56.4     | 6       | 1 | 27.1     | 11 | 0 |
| 6                | JAUW719     | N708 | 24.0     | 21 | 0 | 70.8      | 2  | 1 | 42.5     | 10 | 0         | 41.8     | 22      | 0 | 25.1     | 14 | 0 |
| 7                | HD3487      | N709 | 27.8     | 17 | 0 | 60.4      | 18 | 0 | 49.8     | 1  | 1         | 51.8     | 13      | 0 | 28.9     | 10 | 0 |
| 8                | UP3147      | N710 | 27.9     | 16 | 0 | 65.3      | 10 | 0 | 44.3     | 4  | 1         | 52.8     | 12      | 0 | 20.4     | 23 | 0 |
| 9                | PBW953      | N711 | 44.8     | 2  | 1 | 62.5      | 13 | 0 | 43.2     | 6  | 0         | 61.3     | 2       | 1 | 45.9     | 1  | 1 |
| 10               | DBW465      | N713 | 40.0     | 5  | 0 | 62.5      | 13 | 0 | 36.8     | 19 | 0         | 60.5     | 3       | 1 | 34.1     | 5  | 0 |
| 11               | PBW954      | N714 | 30.2     | 11 | 0 | 64.6      | 11 | 0 | 44.4     | 3  | 1         | 39.6     | 23      | 0 | 19.4     | 25 | 0 |
| 12               | PBW955      | N715 | 30.1     | 12 | 0 | 61.1      | 17 | 0 | 38.0     | 17 | 0         | 49.0     | 15      | 0 | 38.1     | 3  | 0 |
| 13               | WH1339      | N717 | 29.8     | 14 | 0 | 68.1      | 4  | 0 | 33.7     | 23 | 0         | 54.1     | 10      | 0 | 29.5     | 9  | 0 |
| 14               | HUW861      | N718 | 33.2     | 9  | 0 | 51.4      | 23 | 0 | 42.6     | 9  | 0         | 46.6     | 18      | 0 | 24.1     | 15 | 0 |
| 15               | DBW467      | N719 | 23.9     | 22 | 0 | 60.4      | 18 | 0 | 42.1     | 12 | 0         | 66.1     | 1       | 1 | 39.7     | 2  | 0 |
| 16               | HD3488      | N720 | 30.1     | 13 | 0 | 69.4      | 3  | 1 | 44.1     | 5  | 1         | 57.7     | 5       | 1 | 23.9     | 17 | 0 |
| 17               | KRL2203     | N721 | 23.4     | 24 | 0 | 61.1      | 15 | 0 | 31.2     | 25 | 0         | 49.2     | 14      | 0 | 22.2     | 18 | 0 |
| 18               | JKW320      | N722 | 23.8     | 23 | 0 | 50.7      | 24 | 0 | 42.4     | 11 | 0         | 47.6     | 16      | 0 | 27.0     | 12 | 0 |
| 19               | K2310       | N723 | 19.4     | 25 | 0 | 38.2      | 25 | 0 | 40.9     | 13 | 0         | 28.3     | 25      | 0 | 22.2     | 18 | 0 |
| 20               | DBW466      | N724 | 33.1     | 10 | 0 | 54.9      | 22 | 0 | 36.8     | 18 | 0         | 53.5     | 11      | 0 | 32.5     | 6  | 0 |
| 21               | HD3486      | N725 | 26.8     | 18 | 0 | 67.4      | 5  | 0 | 39.8     | 15 | 0         | 46.1     | 19      | 0 | 29.6     | 8  | 0 |
| 22               | NIAW3170(C) | N701 | 28.9     | 15 | 0 | 72.9      | 1  | 1 | 34.0     | 22 | 0         | 42.4     | 21      | 0 | 19.8     | 24 | 0 |
| 23               | HI1612 (C)  | N705 | 43.0     | 3  | 1 | 66.0      | 7  | 0 | 40.5     | 14 | 0         | 56.2     | 7       | 1 | 36.2     | 4  | 0 |
| 24               | K1317 (C)   | N712 | 25.0     | 20 | 0 | 66.0      | 7  | 0 | 43.0     | 7  | 0         | 47.5     | 17      | 0 | 25.8     | 13 | 0 |
| 25               | PBW644 (C)  | N716 | 41.3     | 4  | 0 | 66.0      | 7  | 0 | 34.3     | 21 | 0         | 58.9     | 4       | 1 | 21.9     | 20 | 0 |
| G.M.             |             |      | 31.5     |    |   | 61.8      |    |   | 40.2     |    |           | 50.4     |         |   | 27.7     |    |   |
| S.E.(M)          |             |      | 1.135    |    |   | 2.689     |    |   | 2.401    |    |           | 4.353    |         |   | 1.515    |    |   |
| C.D. (10%)       |             |      | 2.7      |    |   | 6.5       |    |   | 5.9      |    |           | 10.5     |         |   | 3.7      |    |   |
| C.V.             |             |      | 5.1      |    |   | 6.2       |    |   | 8.5      |    |           | 12.2     |         |   | 7.7      |    |   |
| D.O.S.(dd.mm.yy) |             |      | 04.11.23 |    |   | 02.11.23  |    |   | 05.11.23 |    |           | 31.10.23 |         |   | 01.11.23 |    |   |

**2307-NIVT-5A-RI-TS-TAS-NAT-ZONE, 2023-24**  
**ZONAL AND NATIONAL MEANS (q/ha)**

| SN         | Variety     | Code | NWPZ  |    |   | NEPZ  |    |   | National |    |   |
|------------|-------------|------|-------|----|---|-------|----|---|----------|----|---|
|            |             |      | Yield | RK | G | Yield | RK | G | Yield    | RK | G |
| 1          | PBW956      | N702 | 46.9  | 23 | 0 | 36.0  | 23 | 0 | 36.0     | 23 | 0 |
| 2          | BRW3959     | N703 | 54.8  | 2  | 1 | 39.0  | 20 | 0 | 39.0     | 20 | 0 |
| 3          | HD3485      | N704 | 46.9  | 22 | 0 | 40.4  | 14 | 0 | 40.4     | 14 | 0 |
| 4          | WH1340      | N706 | 52.9  | 8  | 0 | 40.4  | 13 | 0 | 40.4     | 13 | 0 |
| 5          | DBW468      | N707 | 49.7  | 16 | 0 | 47.5  | 3  | 0 | 47.5     | 3  | 0 |
| 6          | JAUW719     | N708 | 50.3  | 13 | 0 | 38.3  | 21 | 0 | 38.3     | 21 | 0 |
| 7          | HD3487      | N709 | 48.2  | 18 | 0 | 42.3  | 10 | 0 | 42.3     | 10 | 0 |
| 8          | UP3147      | N710 | 47.3  | 21 | 0 | 41.5  | 11 | 0 | 41.5     | 11 | 0 |
| 9          | PBW953      | N711 | 52.4  | 10 | 0 | 50.1  | 1  | 1 | 50.1     | 1  | 1 |
| 10         | DBW465      | N713 | 54.5  | 3  | 1 | 46.1  | 4  | 0 | 46.1     | 4  | 0 |
| 11         | PBW954      | N714 | 47.4  | 20 | 0 | 39.2  | 19 | 0 | 39.2     | 19 | 0 |
| 12         | PBW955      | N715 | 50.1  | 14 | 0 | 43.1  | 8  | 0 | 43.1     | 8  | 0 |
| 13         | WH1339      | N717 | 52.4  | 11 | 0 | 42.4  | 9  | 0 | 42.4     | 9  | 0 |
| 14         | HUW861      | N718 | 40.7  | 24 | 0 | 39.9  | 16 | 0 | 39.9     | 16 | 0 |
| 15         | DBW467      | N719 | 55.5  | 1  | 1 | 44.6  | 5  | 0 | 44.6     | 5  | 0 |
| 16         | HD3488      | N720 | 53.4  | 5  | 1 | 43.2  | 7  | 0 | 43.2     | 7  | 0 |
| 17         | KRL2203     | N721 | 53.3  | 7  | 0 | 34.1  | 24 | 0 | 34.1     | 24 | 0 |
| 18         | JKW320      | N722 | 49.7  | 15 | 0 | 38.0  | 22 | 0 | 38.0     | 22 | 0 |
| 19         | K2310       | N723 | 38.1  | 25 | 0 | 27.0  | 25 | 0 | 27.0     | 25 | 0 |
| 20         | DBW466      | N724 | 54.4  | 4  | 1 | 39.5  | 17 | 0 | 39.5     | 17 | 0 |
| 21         | HD3486      | N725 | 53.4  | 6  | 1 | 40.3  | 15 | 0 | 40.3     | 15 | 0 |
| 22         | NIAW3170(C) | N701 | 51.0  | 12 | 0 | 39.5  | 18 | 0 | 39.5     | 18 | 0 |
| 23         | HI1612 (C)  | N705 | 48.4  | 17 | 0 | 48.0  | 2  | 1 | 48.0     | 2  | 0 |
| 24         | K1317 (C)   | N712 | 52.9  | 9  | 0 | 41.2  | 12 | 0 | 41.2     | 12 | 0 |
| 25         | PBW644 (C)  | N716 | 47.8  | 19 | 0 | 44.3  | 6  | 0 | 44.3     | 6  | 0 |
| G.M.       |             |      | 50.1  |    |   | 41.0  |    |   | 41.0     |    |   |
| S.E.(M)    |             |      | 0.937 |    |   | 0.919 |    |   | 0.812    |    |   |
| C.D. (10%) |             |      | 2.2   |    |   | 2.1   |    |   | 1.9      |    |   |

## Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: NIVT-5A-RI-TS-TAS-, 2023-24

| SN | Variety      | Code | Disease Reaction |      |      |      | Agronomic Characteristics |      |         |       |        |      | Grain Characteristics |       |
|----|--------------|------|------------------|------|------|------|---------------------------|------|---------|-------|--------|------|-----------------------|-------|
|    |              |      | YI               | ACI  | Br   | ACI  | Hd.R                      | Hd.M | Mat.R   | Mat.M | Ht.R   | Ht.M | TGW.R                 | TGW.M |
| 1  | PBW956       | N702 | 20S              | 4.0  | 0    | 0.0  | 71-111                    | 94   | 113-151 | 139   | 70-116 | 93   | 36-56                 | 44    |
| 2  | BRW3959      | N703 | 40S              | 9.8  | 5S   | 1.3  | 68-105                    | 92   | 128-158 | 143   | 80-108 | 94   | 40-61                 | 48    |
| 3  | HD3485       | N704 | 20S              | 7.7  | 10S  | 2.5  | 62-105                    | 89   | 128-154 | 143   | 67-110 | 92   | 41-66                 | 49    |
| 4  | WH1340       | N706 | 40S              | 13.2 | 10S  | 2.8  | 65-111                    | 96   | 129-153 | 144   | 73-116 | 94   | 39-50                 | 45    |
| 5  | DBW468       | N707 | tS               | 0.2  | 10S  | 2.5  | 67-115                    | 99   | 130-156 | 141   | 77-116 | 103  | 35-51                 | 44    |
| 6  | JAUW719      | N708 | 5S               | 1.6  | 5S   | 1.3  | 67-110                    | 95   | 131-159 | 144   | 80-120 | 102  | 35-47                 | 40    |
| 7  | HD3487       | N709 | 5S               | 1.0  | tS   | 0.3  | 66-113                    | 93   | 129-156 | 145   | 78-119 | 99   | 41-58                 | 46    |
| 8  | UP3147       | N710 | tS               | 0.2  | 5S   | 1.3  | 77-123                    | 108  | 133-166 | 150   | 74-116 | 99   | 37-56                 | 42    |
| 9  | PBW953       | N711 | 20S              | 8.2  | 0    | 0.0  | 69-111                    | 97   | 131-153 | 145   | 72-113 | 95   | 40-56                 | 49    |
| 10 | DBW465       | N713 | 20S              | 4.4  | 5S   | 2.5  | 67-106                    | 95   | 127-153 | 143   | 73-115 | 97   | 37-56                 | 45    |
| 11 | PBW954       | N714 | 5MS              | 0.8  | 10S  | 2.5  | 63-102                    | 89   | 131-166 | 144   | 70-106 | 89   | 38-56                 | 47    |
| 12 | PBW955       | N715 | tMR              | 0.1  | tS   | 0.3  | 69-111                    | 100  | 130-155 | 145   | 85-113 | 100  | 35-55                 | 43    |
| 13 | WH1339       | N717 | 10MS             | 2.0  | tS   | 0.3  | 66-111                    | 101  | 129-160 | 147   | 81-115 | 99   | 37-46                 | 41    |
| 14 | HUW861       | N718 | 40S              | 14.4 | 40S  | 15.0 | 72-111                    | 99   | 133-161 | 146   | 85-138 | 108  | 37-48                 | 42    |
| 15 | DBW467       | N719 | 5MS              | 1.1  | 5S   | 1.3  | 66-109                    | 98   | 130-155 | 144   | 73-117 | 97   | 35-53                 | 45    |
| 16 | HD3488       | N720 | tS               | 0.3  | 10S  | 2.5  | 73-111                    | 98   | 132-162 | 145   | 75-125 | 98   | 34-44                 | 39    |
| 17 | KRL2203      | N721 | 20MS             | 3.6  | 15MS | 5.5  | 69-118                    | 97   | 133-160 | 146   | 69-107 | 93   | 33-47                 | 40    |
| 18 | JKW320       | N722 | 20S              | 5.1  | 5MS  | 1.0  | 65-111                    | 93   | 128-152 | 141   | 67-105 | 93   | 37-54                 | 45    |
| 19 | K2310        | N723 | 10S              | 3.9  | tMS  | 0.2  | 41-116                    | 78   | 126-156 | 140   | 70-127 | 91   | 40-49                 | 43    |
| 20 | DBW466       | N724 | 20S              | 7.2  | tS   | 0.3  | 70-111                    | 97   | 131-154 | 143   | 74-111 | 93   | 34-51                 | 44    |
| 21 | HD3486       | N725 | 10S              | 5.1  | 0    | 0.0  | 77-115                    | 103  | 130-155 | 144   | 71-121 | 99   | 39-54                 | 47    |
| 22 | NIAW3170 (C) | N701 | 40S              | 12.8 | tS   | 0.3  | 68-110                    | 96   | 127-151 | 143   | 71-120 | 99   | 41-55                 | 46    |
| 23 | HI1612 (C)   | N705 | 60S              | 16.2 | 0    | 0.0  | 76-120                    | 105  | 132-162 | 147   | 78-121 | 100  | 36-50                 | 40    |
| 24 | K1317 (C)    | N712 | 40S              | 9.8  | 0    | 0.0  | 75-123                    | 105  | 129-166 | 148   | 79-118 | 99   | 39-60                 | 46    |
| 25 | PBW644 (C)   | N716 | 20S              | 12.2 | 20S  | 5.0  | 75-116                    | 100  | 131-160 | 145   | 71-125 | 99   | 35-48                 | 41    |

1. Ancillary data from Bulandshahr, Delhi, Durgapura, Gurdaspur, Hisar, Jammu, Karnal, Ludhiana, and Sriganaganagar centres.
2. Yellow rust data from Gurdaspur, Hisar, Jammu Ludhiana and Karnal centres.
3. Brown rust data from Gurdaspur, Hisar, Ludhiana and Karnal centres

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**North Western Plains Zone**  
**Individual Station Rust Data**

| SN  | Variety      | Code | Yellow rust |       |       |        |          | Brown rust |       |        |          |
|-----|--------------|------|-------------|-------|-------|--------|----------|------------|-------|--------|----------|
|     |              |      | Gurdaspur   | Hisar | Jammu | Karnal | Ludhiana | Gurdaspur  | Hisar | Karnal | Ludhiana |
| 1.  | PBW956       | N702 | 0           | 0     | 0     | 20S    | 0        | 0          | 0     | 0      | 0        |
| 2.  | BRW3959      | N703 | 10MS        | 0     | 0     | 40S    | tMS      | 0          | 5S    | 0      | 0        |
| 3.  | HD3485       | N704 | 10MS        | 0     | 20S   | 10S    | tMR      | 0          | 0     | 0      | 10S      |
| 4.  | WH1340       | N706 | 20S         | 0     | 40S   | 5S     | tS       | 0          | tS    | 10S    | 0        |
| 5.  | DBW468       | N707 | 0           | tS    | 0     | 0      | tR       | 0          | 0     | 0      | 10S      |
| 6.  | JAUW719      | N708 | 5S          | tS    | tS    | 0      | tMS      | 0          | 0     | 5S     | 0        |
| 7.  | HD3487       | N709 | 5S          | 0     | 0     | 0      | 0        | 0          | 0     | 0      | tS       |
| 8.  | UP3147       | N710 | tS          | 0     | 0     | 0      | 0        | 0          | 0     | 5S     | 0        |
| 9.  | PBW953       | N711 | 20S         | 0     | 0     | 20S    | tMS      | 0          | 0     | 0      | 0        |
| 10. | DBW465       | N713 | tS          | 0     | 20S   | 0      | tS       | 0          | 0     | 5S     | 5S       |
| 11. | PBW954       | N714 | 5MS         | 0     | 0     | 0      | 0        | 0          | 0     | 10S    | 0        |
| 12. | PBW955       | N715 | 0           | 0     | 0     | 0      | tMR      | 0          | tS    | 0      | 0        |
| 13. | WH1339       | N717 | 10MS        | 0     | tS    | 0      | tS       | 0          | 0     | 0      | tS       |
| 14. | HUW861       | N718 | 20MS        | tS    | 10S   | 40S    | 5S       | 10S        | 0     | 40S    | 10S      |
| 15. | DBW467       | N719 | 5MS         | 0     | tS    | 0      | tMR      | 0          | 5S    | 0      | 0        |
| 16. | HD3488       | N720 | tS          | 0     | 0     | 0      | tMR      | 0          | 0     | 0      | 10S      |
| 17. | KRL2203      | N721 | 20MS        | 0     | tMS   | 0      | tS       | 0          | 0     | 10S    | 15MS     |
| 18. | JKW320       | N722 | 5S          | 0     | 20S   | 0      | tMR      | 0          | 0     | 0      | 5MS      |
| 19. | K2310        | N723 | 10MS        | 10S   | tS    | 0      | tMR      | 0          | 0     | 0      | tMS      |
| 20. | DBW466       | N724 | 20S         | tS    | tMS   | 10S    | 5MS      | 0          | 0     | 0      | tS       |
| 21. | HD3486       | N725 | 10MS        | 10S   | 5S    | 5MR    | tMR      | 0          | 0     | 0      | 0        |
| 22. | NIAW3170 (C) | N701 | 20MS        | 0     | 40S   | 0      | 10MS     | tS         | 0     | 0      | 0        |
| 23. | HI1612 (C)   | N705 | 20S         | 0     | 60S   | 0      | tMS      | 0          | 0     | 0      | 0        |
| 24. | K1317 (C)    | N712 | 10MS        | 0     | tS    | 40S    | 0        | 0          | 0     | 0      | 0        |
| 25. | PBW644 (C)   | N716 | 20S         | 0     | 20S   | 20S    | tMS      | 0          | 0     | 0      | 20S      |

## Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: NIVT 5A-RI-TS-TAS, 2023-24

| SN | Variety      | Code | Disease Reaction | Agronomic Characteristics |      |         |       |         |      | Grain character |       |
|----|--------------|------|------------------|---------------------------|------|---------|-------|---------|------|-----------------|-------|
|    |              |      | LB, HS(Avg.)     | Hd.R                      | Hd.M | Mat.R   | Mat.M | Ht.R    | Ht.M | TGW.R           | TGW.M |
| 1  | PBW956       | N702 | 57 (45)          | 61-86                     | 72   | 101-136 | 123   | 73-98   | 90   | 37-49           | 42    |
| 2  | BRW3959      | N703 | 57 (34)          | 61-89                     | 76   | 110-139 | 125   | 80-101  | 89   | 35-51           | 42    |
| 3  | HD3485       | N704 | 68 (45)          | 62-83                     | 73   | 107-137 | 124   | 81-97   | 90   | 39-52           | 44    |
| 4  | WH1340       | N706 | 47 (34)          | 61-92                     | 82   | 114-141 | 129   | 72-101  | 91   | 34-53           | 42    |
| 5  | DBW468       | N707 | 45 (34)          | 66-93                     | 81   | 112-144 | 128   | 91-109  | 103  | 39-51           | 45    |
| 6  | JAUW719      | N708 | 36 (23)          | 62-90                     | 75   | 107-136 | 126   | 93-117  | 104  | 30-52           | 41    |
| 7  | HD3487       | N709 | 67 (34)          | 57-85                     | 73   | 107-140 | 124   | 85-109  | 92   | 33-49           | 40    |
| 8  | UP3147       | N710 | 35 (23)          | 67-98                     | 89   | 120-151 | 134   | 89-107  | 98   | 34-48           | 40    |
| 9  | PBW953       | N711 | 37 (24)          | 62-90                     | 79   | 115-143 | 128   | 82-102  | 93   | 41-53           | 47    |
| 10 | DBW465       | N713 | 45 (35)          | 70-94                     | 81   | 117-149 | 129   | 83-103  | 93   | 33-51           | 42    |
| 11 | PBW954       | N714 | 68 (35)          | 57-85                     | 71   | 103-136 | 123   | 70-91   | 84   | 36-52           | 44    |
| 12 | PBW955       | N715 | 47 (34)          | 69-90                     | 82   | 115-144 | 129   | 88-111  | 100  | 35-48           | 42    |
| 13 | WH1339       | N717 | 36 (24)          | 72-94                     | 85   | 118-141 | 130   | 81-106  | 95   | 35-46           | 41    |
| 14 | HUW861       | N718 | 25 (23)          | 68-90                     | 82   | 112-138 | 130   | 103-119 | 111  | 42-50           | 47    |
| 15 | DBW467       | N719 | 57 (46)          | 63-94                     | 84   | 119-142 | 131   | 58-105  | 89   | 32-52           | 42    |
| 16 | HD3488       | N720 | 57 (45)          | 66-90                     | 80   | 112-144 | 128   | 80-102  | 95   | 27-43           | 37    |
| 17 | KRL2203      | N721 | 68 (35)          | 59-89                     | 75   | 108-137 | 126   | 72-109  | 92   | 26-43           | 35    |
| 18 | JKW320       | N722 | 68 (35)          | 61-82                     | 72   | 105-136 | 124   | 78-99   | 91   | 33-50           | 41    |
| 19 | K2310        | N723 | 68 (45)          | 50-82                     | 67   | 95-134  | 120   | 60-88   | 78   | 32-51           | 40    |
| 20 | DBW466       | N724 | 36 (24)          | 71-90                     | 82   | 118-148 | 131   | 88-102  | 96   | 34-52           | 42    |
| 21 | HD3486       | N725 | 57 (34)          | 70-94                     | 85   | 119-142 | 132   | 88-94   | 91   | 33-51           | 41    |
| 22 | NIAW3170 (C) | N701 | 57 (34)          | 62-86                     | 74   | 108-135 | 124   | 79-104  | 94   | 38-51           | 45    |
| 23 | HI1612 (C)   | N705 | 46 (23)          | 70-96                     | 87   | 117-143 | 132   | 77-106  | 91   | 38-53           | 42    |
| 24 | K1317 (C)    | N712 | 57 (35)          | 71-94                     | 86   | 120-146 | 132   | 90-111  | 100  | 37-52           | 44    |
| 25 | PBW644 (C)   | N716 | 35 (24)          | 70-94                     | 84   | 119-144 | 131   | 89-109  | 99   | 37-48           | 42    |

1. Ancillary data from Burdwan, Kalyani, Kanpur, Manikchak, Ranchi, RPCAU-Pusa, Sabour and Varanasi centres.
2. Leaf Blight data from Burdwan, Kalyani, Manikchak, RPCAU-Pusa, Sabour and Varanasi centres

**NIVT 5A-RI-TS-TAS, 2023-24**  
**North Eastern Plains Zone**  
**Individual Station Leaf Blight Data**

| SN  | Variety      | Code | Leaf Blight Score |         |           |            |        |          |
|-----|--------------|------|-------------------|---------|-----------|------------|--------|----------|
|     |              |      | Burdwan           | Kalyani | Manikchak | RPCAU-Pusa | Sabour | Varanasi |
| 1.  | PBW956       | N702 | 34                | 57      | 12        | 34         | 57     | 57       |
| 2.  | BRW3959      | N703 | 34                | 46      | 01        | 24         | 24     | 57       |
| 3.  | HD3485       | N704 | 34                | 48      | 01        | 24         | 67     | 68       |
| 4.  | WH1340       | N706 | 34                | 47      | 00        | 24         | 35     | 46       |
| 5.  | DBW468       | N707 | 23                | 35      | 00        | 24         | 45     | 35       |
| 6.  | JAUW719      | N708 | 23                | 25      | 00        | 36         | 35     | 12       |
| 7.  | HD3487       | N709 | 23                | 46      | 01        | 34         | 67     | 35       |
| 8.  | UP3147       | N710 | 23                | 24      | 00        | 34         | 35     | 24       |
| 9.  | PBW953       | N711 | 34                | 37      | 00        | 24         | 35     | 24       |
| 10. | DBW465       | N713 | 45                | 36      | 01        | 36         | 35     | 35       |
| 11. | PBW954       | N714 | 24                | 57      | 01        | 34         | 47     | 68       |
| 12. | PBW955       | N715 | 34                | 47      | 01        | 24         | 46     | 24       |
| 13. | WH1339       | N717 | 12                | 36      | 01        | 36         | 35     | 12       |
| 14. | HUW861       | N718 | 23                | 25      | 12        | 24         | 24     | 12       |
| 15. | DBW467       | N719 | 46                | 47      | 12        | 24         | 57     | 57       |
| 16. | HD3488       | N720 | 45                | 57      | 12        | 34         | 57     | 57       |
| 17. | KRL2203      | N721 | 13                | 37      | 12        | 46         | 35     | 68       |
| 18. | JKW320       | N722 | 45                | 57      | 01        | 24         | 34     | 68       |
| 19. | K2310        | N723 | 35                | 57      | 01        | 34         | 46     | 68       |
| 20. | DBW466       | N724 | 23                | 36      | 00        | 24         | 35     | 24       |
| 21. | HD3486       | N725 | 23                | 57      | 01        | 34         | 35     | 24       |
| 22. | NIAW3170 (C) | N701 | 34                | 57      | 12        | 24         | 46     | 12       |
| 23. | HI1612 (C)   | N705 | 23                | 46      | 01        | 24         | 24     | 01       |
| 24. | K1317 (C)    | N712 | 24                | 35      | 12        | 24         | 35     | 57       |
| 25. | PBW644 (C)   | N716 | 13                | 25      | 00        | 24         | 35     | 24       |