

| Table 4.1. Central Zone |              | IR-TS-DOS-TAD |            |            |            | Centrewise |            | 2025-26    |
|-------------------------|--------------|---------------|------------|------------|------------|------------|------------|------------|
| Sowing Time             | Genotype     | Bilaspur      | Indore     | Jabalpur   | Junagarh   | Powarkheda | Udaipur    | Zonal mean |
| Timely                  | TSIR-CZ-101  | 50.08         | 52.84      | 53.81      | 44.68      | 51.99      | 56.72      | 51.69      |
|                         | TSIR-CZ-102  | 53.07         | 51.69      | 48.10      | 45.08      | 65.26      | 59.50      | 53.78      |
|                         | TSIR-CZ-103  | 44.18         | 48.70      | 57.14      | 46.90      | 62.01      | 56.37      | 52.55      |
|                         | TSIR-CZ-104  | 46.06         | 49.59      | 54.29      | 49.09      | 54.97      | 54.95      | 51.49      |
|                         | TSIR-CZ-105  | 49.41         | 46.95      | 56.67      | 46.11      | 61.64      | 48.83      | 51.60      |
|                         | Mean         | 48.56         | 49.95      | 54.00      | 46.37      | 59.17      | 55.27      | 52.22      |
| Late                    | TSIR-CZ-101  | 47.10         | 46.25      | 39.05      | 41.55      | 51.63      | 49.22      | 45.80      |
|                         | TSIR-CZ-102  | 48.11         | 48.54      | 42.86      | 39.84      | 51.49      | 48.38      | 46.54      |
|                         | TSIR-CZ-103  | 42.72         | 51.61      | 51.43      | 42.66      | 56.36      | 44.82      | 48.26      |
|                         | TSIR-CZ-104  | 43.76         | 45.54      | 45.24      | 48.13      | 55.84      | 43.25      | 46.96      |
|                         | TSIR-CZ-105  | 46.08         | 44.44      | 50.00      | 43.13      | 50.08      | 42.08      | 45.97      |
|                         | Mean         | 45.55         | 47.27      | 45.72      | 43.06      | 53.08      | 45.55      | 46.71      |
| Mean                    | TSIR-CZ-101  | 48.59         | 49.54      | 46.43      | 43.12      | 51.81      | 52.97      | 48.74      |
|                         | TSIR-CZ-102  | 50.59         | 50.11      | 45.48      | 42.46      | 58.37      | 53.94      | 50.16      |
|                         | TSIR-CZ-103  | 43.45         | 50.16      | 54.29      | 44.78      | 59.18      | 50.59      | 50.41      |
|                         | TSIR-CZ-104  | 44.91         | 47.56      | 49.76      | 48.61      | 55.41      | 49.10      | 49.23      |
|                         | TSIR-CZ-105  | 47.74         | 45.70      | 53.33      | 44.62      | 55.86      | 45.46      | 48.79      |
|                         | Mean         | 47.06         | 48.61      | 49.86      | 44.72      | 56.13      | 50.41      | 49.46      |
| CD (0.05)               | Sowing (A)   | 2.86          | 1.33       | NS         | NS         | 3.37       | 4.29       | 1.00       |
|                         | Genotype (B) | 4.23          | NS         | NS         | 3.36       | 3.14       | 4.01       | NS         |
|                         | B within A   | NS            | NS         | NS         | NS         | 4.43       | NS         | NS         |
|                         | A within B   | NS            | NS         | NS         | NS         | 4.30       | NS         | 2.18       |
| Date of Sowing:         | Timely       | 11.11.2025    | 10.11.2025 | 11.11.2025 | 11.11.2025 | 11.11.2025 | 11.11.2025 |            |
|                         | Late         | 04.12.2025    | 09.12.2025 | 09.12.2025 | 04.12.2025 | 03.12.2025 | 05.12.2025 |            |
| Date of Harvesting:     | Timely       | 17.03.2026    | 07.04.2026 | 23.03.2026 | 15.03.2026 | 07.04.2026 | 28.03.2026 |            |
|                         | Late         | 19.03.2026    | 13.04.2026 | 01.04.2026 | 19.03.2026 | 12.04.2026 | 10.04.2026 |            |

| Table 4.2. Central Zone                                               |                | IR-TS-DOS-TAD |       |            | Pooled | 2023-24    |
|-----------------------------------------------------------------------|----------------|---------------|-------|------------|--------|------------|
| Genotype                                                              | Date of Sowing |               |       |            | Mean   | Rk         |
|                                                                       | Timely         | Rk            | Late  | Rk         |        |            |
| Yield, q/ha                                                           |                |               |       |            |        |            |
| TSIR-CZ-101                                                           | 51.69          | 3             | 45.80 | 5          | 48.74  | 5          |
| TSIR-CZ-102                                                           | 53.78          | 1             | 46.54 | 3          | 50.16  | 2          |
| TSIR-CZ-103                                                           | 52.55          | 2             | 48.26 | 1          | 50.41  | 1          |
| TSIR-CZ-104                                                           | 51.49          | 5             | 46.96 | 2          | 49.23  | 3          |
| TSIR-CZ-105                                                           | 51.60          | 4             | 45.97 | 4          | 48.79  | 4          |
| Mean                                                                  | 52.22          |               | 46.71 |            | 49.46  |            |
|                                                                       | Sowing (A)     | Genotype (B)  |       | B within A |        | A within B |
| CD (0.05)                                                             | 1.00           | NS            |       | NS         |        | 2.18       |
| Earhead/sq.m.                                                         |                |               |       |            |        |            |
| TSIR-CZ-101                                                           | 408            | 3             | 386   | 3          | 397    | 3          |
| TSIR-CZ-102                                                           | 410            | 2             | 380   | 4          | 395    | 4          |
| TSIR-CZ-103                                                           | 382            | 5             | 349   | 5          | 365    | 5          |
| TSIR-CZ-104                                                           | 405            | 4             | 390   | 2          | 397    | 2          |
| TSIR-CZ-105                                                           | 449            | 1             | 393   | 1          | 421    | 1          |
| Mean                                                                  | 411            |               | 379   |            | 395    |            |
|                                                                       | Sowing (A)     | Genotype (B)  |       | B within A |        | A within B |
| CD (0.05)                                                             | 6.10           | 8.76          |       | 12.39      |        | 13.26      |
| Grains/Earhead                                                        |                |               |       |            |        |            |
| TSIR-CZ-101                                                           | 31.17          | 4             | 32.89 | 3          | 32.03  | 3          |
| TSIR-CZ-102                                                           | 31.60          | 3             | 31.09 | 4          | 31.35  | 4          |
| TSIR-CZ-103                                                           | 34.40          | 1             | 34.39 | 1          | 34.40  | 1          |
| TSIR-CZ-104                                                           | 33.10          | 2             | 33.42 | 2          | 33.26  | 2          |
| TSIR-CZ-105                                                           | 27.73          | 5             | 30.49 | 5          | 29.11  | 5          |
| Mean                                                                  | 31.60          |               | 32.46 |            | 32.03  |            |
|                                                                       | Sowing (A)     | Genotype (B)  |       | B within A |        | A within B |
| CD (0.05)                                                             | NS             | 1.45          |       | NS         |        | 2.16       |
| 1000 grains weight, g                                                 |                |               |       |            |        |            |
| TSIR-CZ-101                                                           | 43.07          | 3             | 39.81 | 4          | 41.44  | 4          |
| TSIR-CZ-102                                                           | 44.48          | 1             | 42.73 | 1          | 43.60  | 1          |
| TSIR-CZ-103                                                           | 41.49          | 4             | 42.38 | 2          | 41.93  | 3          |
| TSIR-CZ-104                                                           | 41.17          | 5             | 39.69 | 5          | 40.43  | 5          |
| TSIR-CZ-105                                                           | 43.91          | 2             | 40.84 | 3          | 42.38  | 2          |
| Mean                                                                  | 42.82          |               | 41.09 |            | 41.96  |            |
|                                                                       | Sowing (A)     | Genotype (B)  |       | B within A |        | A within B |
| CD (0.05)                                                             | 0.64           | 1.09          |       | 1.54       |        | 1.60       |
| Centres: Bilaspur, Indore, Jabalpur, Junagarh, Powarkheda and Udaipur |                |               |       |            |        |            |

| Table 4.2.1.          | Central Zone   |            | IR-TS-DOS-TAD       |           | Bilaspur   | 2025-26    |
|-----------------------|----------------|------------|---------------------|-----------|------------|------------|
| Genotype              | Date of Sowing |            |                     |           | Mean       | Rk         |
|                       | Timely         | Rk         | Late                | Rk        |            |            |
| Yield, q/ha           |                |            |                     |           |            |            |
| TSIR-CZ-101           | 50.08          | 2          | 47.10               | 2         | 48.59      | 2          |
| TSIR-CZ-102           | 53.07          | 1          | 48.11               | 1         | 50.59      | 1          |
| TSIR-CZ-103           | 44.18          | 5          | 42.72               | 5         | 43.45      | 5          |
| TSIR-CZ-104           | 46.06          | 4          | 43.76               | 4         | 44.91      | 4          |
| TSIR-CZ-105           | 49.41          | 3          | 46.08               | 3         | 47.74      | 3          |
| Mean                  | 48.56          |            | 45.55               |           | 47.06      |            |
|                       | F. Test        |            | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | *              |            | 0.47                | 2.86      | 3.87       |            |
| Genotype (B)          | *              |            | 1.41                | 4.23      | 7.35       |            |
| B within A            | NS             |            | 2.00                | 5.99      |            |            |
| A within B            | NS             |            | 1.85                | 5.54      |            |            |
| Earhead/sq.m.         |                |            |                     |           |            |            |
| TSIR-CZ-101           | 542            | 2          | 520                 | 2         | 531        | 2          |
| TSIR-CZ-102           | 551            | 1          | 547                 | 1         | 549        | 1          |
| TSIR-CZ-103           | 445            | 5          | 432                 | 5         | 438        | 5          |
| TSIR-CZ-104           | 504            | 4          | 502                 | 4         | 503        | 4          |
| TSIR-CZ-105           | 528            | 3          | 504                 | 3         | 516        | 3          |
| Mean                  | 514            |            | 501                 |           | 507        |            |
|                       | F. Test        |            | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |            | 7.19                | 43.74     | 5.49       |            |
| Genotype (B)          | **             |            | 12.88               | 38.63     | 6.22       |            |
| B within A            | NS             |            | 18.22               | 54.63     |            |            |
| A within B            |                |            | 17.81               | 53.40     |            |            |
| Grains/Earhead        |                |            |                     |           |            |            |
| TSIR-CZ-101           | 20.98          | 4          | 21.36               | 4         | 21.17      | 4          |
| TSIR-CZ-102           | 20.36          | 5          | 19.55               | 5         | 19.96      | 5          |
| TSIR-CZ-103           | 26.70          | 1          | 26.66               | 1         | 26.68      | 1          |
| TSIR-CZ-104           | 21.79          | 3          | 22.91               | 3         | 22.35      | 3          |
| TSIR-CZ-105           | 22.12          | 2          | 23.02               | 2         | 22.57      | 2          |
| Mean                  | 22.39          |            | 22.70               |           | 22.54      |            |
|                       | F. Test        |            | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |            | 0.25                | 1.49      | 4.21       |            |
| Genotype (B)          | **             |            | 1.14                | 3.41      | 12.37      |            |
| B within A            | NS             |            | 1.61                | 4.83      |            |            |
| A within B            |                |            | 1.46                | 4.38      |            |            |
| 1000 grains weight, g |                |            |                     |           |            |            |
| TSIR-CZ-101           | 44.08          | 2          | 42.50               | 2         | 43.29      | 2          |
| TSIR-CZ-102           | 47.54          | 1          | 45.36               | 1         | 46.45      | 1          |
| TSIR-CZ-103           | 37.55          | 5          | 37.38               | 5         | 37.47      | 5          |
| TSIR-CZ-104           | 42.22          | 4          | 38.41               | 4         | 40.31      | 4          |
| TSIR-CZ-105           | 42.79          | 3          | 39.77               | 3         | 41.28      | 3          |
| Mean                  | 42.84          |            | 40.68               |           | 41.76      |            |
|                       | F. Test        |            | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |            | 0.43                | 2.62      | 4.00       |            |
| Genotype (B)          | **             |            | 1.03                | 3.09      | 6.05       |            |
| B within A            | NS             |            | 1.46                | 4.38      |            |            |
| A within B            |                |            | 1.37                | 4.12      |            |            |
| Date of Sowing:       | 11.11.2025     | 04.12.2025 | Date of Harvesting: |           | 17.03.2026 | 19.03.2026 |

| Table 4.2.2.          | Central Zone   | IR-TS-DOS-TAD |                     |           | Gwalior    | 2025-26    |
|-----------------------|----------------|---------------|---------------------|-----------|------------|------------|
| Genotype              | Date of Sowing |               |                     |           | Mean       | Rk         |
|                       | Timely         | Rk            | Late                | Rk        |            |            |
| Yield, q/ha           |                |               |                     |           |            |            |
| TSIR-CZ-101           | 37.02          | 2             | 30.83               | 2         | 33.92      | 2          |
| TSIR-CZ-102           | 35.54          | 3             | 28.02               | 3         | 31.78      | 3          |
| TSIR-CZ-103           | 34.64          | 4             | 26.53               | 4         | 30.58      | 4          |
| TSIR-CZ-104           | 32.71          | 5             | 24.56               | 5         | 28.61      | 5          |
| TSIR-CZ-105           | 39.80          | 1             | 32.48               | 1         | 36.14      | 1          |
| Mean                  | 35.94          |               | 28.48               |           | 32.21      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | *              |               | 0.66                | 4.02      | 7.93       |            |
| Genotype (B)          | **             |               | 1.77                | 2.30      | 5.83       |            |
| B within A            | NS             |               | 1.09                | 3.25      |            |            |
| A within B            |                |               | 1.17                | 3.52      |            |            |
| Earhead/sq.m.         |                |               |                     |           |            |            |
| TSIR-CZ-101           | 290            | 1             | 285                 | 1         | 295        | 1          |
| TSIR-CZ-102           | 289            | 4             | 275                 | 3         | 282        | 4          |
| TSIR-CZ-103           | 300            | 2             | 269                 | 4         | 284        | 3          |
| TSIR-CZ-104           | 288            | 5             | 251                 | 5         | 270        | 5          |
| TSIR-CZ-105           | 299            | 3             | 283                 | 2         | 291        | 2          |
| Mean                  | 296            |               | 273                 |           | 284        |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 6.24                | 37.97     | 8.50       |            |
| Genotype (B)          | *              |               | 5.42                | 16.25     | 4.67       |            |
| B within A            | NS             |               | 7.66                | 22.98     |            |            |
| A within B            |                |               | 9.27                | 27.79     |            |            |
| Grains/earhead        |                |               |                     |           |            |            |
| TSIR-CZ-101           | 31.14          | 4             | 29.45               | 3         | 30.29      | 3          |
| TSIR-CZ-102           | 31.84          | 2             | 28.39               | 5         | 30.12      | 4          |
| TSIR-CZ-103           | 31.14          | 3             | 28.64               | 4         | 29.89      | 5          |
| TSIR-CZ-104           | 30.99          | 5             | 29.92               | 2         | 30.46      | 2          |
| TSIR-CZ-105           | 32.05          | 1             | 30.42               | 1         | 31.24      | 1          |
| Mean                  | 31.43          |               | 29.37               |           | 30.40      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 0.77                | 4.66      | 9.75       |            |
| Genotype (B)          | NS             |               | 1.09                | 3.26      | 8.77       |            |
| B within A            | NS             |               | 1.54                | 4.61      |            |            |
| A within B            |                |               | 1.57                | 4.72      |            |            |
| 1000 grains weight, g |                |               |                     |           |            |            |
| TSIR-CZ-101           | 39.33          | 2             | 36.67               | 2         | 38.00      | 2          |
| TSIR-CZ-102           | 38.80          | 3             | 36.00               | 3         | 37.40      | 3          |
| TSIR-CZ-103           | 37.27          | 4             | 34.53               | 4         | 35.90      | 4          |
| TSIR-CZ-104           | 36.60          | 5             | 32.80               | 5         | 34.70      | 5          |
| TSIR-CZ-105           | 41.60          | 1             | 37.80               | 1         | 39.70      | 1          |
| Mean                  | 38.72          |               | 35.56               |           | 37.14      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | **             |               | 0.07                | 0.46      | 0.78       |            |
| Genotype (B)          | **             |               | 0.28                | 0.83      | 1.83       |            |
| B within A            | NS             |               | 0.39                | 1.18      |            |            |
| A within B            |                |               | 0.36                | 1.08      |            |            |
| Date of Sowing:       | 10.11.2025     | 05.12.2025    | Date of Harvesting: |           | 09.04.2026 | 10.04.2026 |

| Table 4.2.3.          | Central Zone   | IR-TS-DOS-TAD |                     |           | Indore     | 2025-26    |
|-----------------------|----------------|---------------|---------------------|-----------|------------|------------|
| Genotype              | Date of Sowing |               |                     |           | Mean       | Rk         |
|                       | Timely         | Rk            | Late                | Rk        |            |            |
| Yield, q/ha           |                |               |                     |           |            |            |
| TSIR-CZ-101           | 52.84          | 1             | 46.25               | 3         | 49.54      | 3          |
| TSIR-CZ-102           | 51.69          | 2             | 48.54               | 2         | 50.11      | 2          |
| TSIR-CZ-103           | 48.70          | 4             | 51.61               | 1         | 50.16      | 1          |
| TSIR-CZ-104           | 49.59          | 3             | 45.54               | 4         | 47.56      | 4          |
| TSIR-CZ-105           | 46.95          | 5             | 44.44               | 5         | 45.70      | 5          |
| Mean                  | 49.95          |               | 47.27               |           | 48.61      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | *              |               | 0.22                | 1.33      | 1.74       |            |
| Genotype (B)          | NS             |               | 1.42                | 4.26      | 7.15       |            |
| B within A            | NS             |               | 2.01                | 6.02      |            |            |
| A within B            |                |               | 1.81                | 5.42      |            |            |
| Earhead/sq.m.         |                |               |                     |           |            |            |
| TSIR-CZ-101           | 279            | 2             | 259                 | 4         | 269        | 3          |
| TSIR-CZ-102           | 258            | 5             | 261                 | 3         | 259        | 5          |
| TSIR-CZ-103           | 272            | 4             | 258                 | 5         | 265        | 4          |
| TSIR-CZ-104           | 275            | 3             | 290                 | 2         | 283        | 2          |
| TSIR-CZ-105           | 308            | 1             | 305                 | 1         | 307        | 1          |
| Mean                  | 278            |               | 275                 |           | 277        |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 6.24                | 37.95     | 8.73       |            |
| Genotype (B)          | **             |               | 6.50                | 19.50     | 5.76       |            |
| B within A            | NS             |               | 9.20                | 27.58     |            |            |
| A within B            |                |               | 10.32               | 30.95     |            |            |
| Grains/earhead        |                |               |                     |           |            |            |
| TSIR-CZ-101           | 46.46          | 3             | 47.21               | 3         | 46.83      | 3          |
| TSIR-CZ-102           | 47.47          | 2             | 47.29               | 2         | 47.38      | 2          |
| TSIR-CZ-103           | 41.29          | 4             | 50.10               | 1         | 45.70      | 4          |
| TSIR-CZ-104           | 50.61          | 1             | 45.37               | 4         | 47.99      | 1          |
| TSIR-CZ-105           | 39.41          | 5             | 42.64               | 5         | 41.02      | 5          |
| Mean                  | 45.05          |               | 46.52               |           | 45.79      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 0.68                | 4.11      | 5.71       |            |
| Genotype (B)          | NS             |               | 2.33                | 6.98      | 12.46      |            |
| B within A            | NS             |               | 3.29                | 9.88      |            |            |
| A within B            |                |               | 3.02                | 9.06      |            |            |
| 1000 grains weight, g |                |               |                     |           |            |            |
| TSIR-CZ-101           | 41.11          | 3             | 37.86               | 3         | 39.48      | 3          |
| TSIR-CZ-102           | 42.31          | 2             | 39.77               | 2         | 41.04      | 2          |
| TSIR-CZ-103           | 43.50          | 1             | 40.83               | 1         | 42.16      | 1          |
| TSIR-CZ-104           | 35.73          | 5             | 34.83               | 4         | 35.28      | 5          |
| TSIR-CZ-105           | 38.88          | 4             | 34.59               | 5         | 36.74      | 4          |
| Mean                  | 40.30          |               | 37.58               |           | 38.94      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | *              |               | 0.29                | 1.78      | 2.91       |            |
| Genotype (B)          | **             |               | 0.62                | 1.86      | 3.91       |            |
| B within A            | NS             |               | 0.88                | 2.63      |            |            |
| A within B            |                |               | 0.84                | 2.51      |            |            |
| Date of Sowing:       | 10.11.2025     | 09.12.2025    | Date of Harvesting: |           | 07.04.2026 | 13.04.2026 |

| Table 4.2.4.          | Central Zone   | IR-TS-DOS-TAD |                     |           | Jabalpur   | 2025-26    |
|-----------------------|----------------|---------------|---------------------|-----------|------------|------------|
| Genotype              | Date of Sowing |               |                     |           | Mean       | Rk         |
|                       | Timely         | Rk            | Late                | Rk        |            |            |
| Yield, q/ha           |                |               |                     |           |            |            |
| TSIR-CZ-101           | 53.81          | 4             | 39.05               | 5         | 46.43      | 4          |
| TSIR-CZ-102           | 48.10          | 5             | 42.86               | 4         | 45.48      | 5          |
| TSIR-CZ-103           | 57.14          | 1             | 51.43               | 1         | 54.29      | 1          |
| TSIR-CZ-104           | 54.29          | 3             | 45.24               | 3         | 49.76      | 3          |
| TSIR-CZ-105           | 56.67          | 2             | 50.00               | 2         | 53.33      | 2          |
| Mean                  | 54.00          |               | 45.72               |           | 49.86      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 2.05                | 12.48     | 15.93      |            |
| Genotype (B)          | NS             |               | 2.34                | 7.01      | 11.49      |            |
| B within A            | NS             |               | 3.31                | 9.92      |            |            |
| A within B            |                |               | 3.60                | 10.79     |            |            |
| Earhead/sq.m.         |                |               |                     |           |            |            |
| TSIR-CZ-101           | 487            | 3             | 544                 | 2         | 516        | 3          |
| TSIR-CZ-102           | 473            | 4             | 395                 | 5         | 434        | 5          |
| TSIR-CZ-103           | 461            | 5             | 434                 | 4         | 448        | 4          |
| TSIR-CZ-104           | 511            | 2             | 559                 | 1         | 535        | 2          |
| TSIR-CZ-105           | 601            | 1             | 493                 | 3         | 547        | 1          |
| Mean                  | 507            |               | 485                 |           | 496        |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 5.84                | 35.51     | 4.56       |            |
| Genotype (B)          | **             |               | 12.08               | 36.21     | 5.97       |            |
| B within A            | **             |               | 17.08               | 51.21     |            |            |
| A within B            |                |               | 16.35               | 49.03     |            |            |
| Grains/earhead        |                |               |                     |           |            |            |
| TSIR-CZ-101           | 27.19          | 3             | 19.55               | 5         | 23.37      | 3          |
| TSIR-CZ-102           | 23.85          | 4             | 22.74               | 3         | 23.30      | 4          |
| TSIR-CZ-103           | 38.60          | 1             | 27.40               | 1         | 33.00      | 1          |
| TSIR-CZ-104           | 31.14          | 2             | 21.27               | 4         | 26.21      | 2          |
| TSIR-CZ-105           | 22.11          | 5             | 23.46               | 2         | 22.79      | 5          |
| Mean                  | 28.58          |               | 22.89               |           | 25.73      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 1.35                | 8.22      | 20.33      |            |
| Genotype (B)          | **             |               | 1.37                | 4.11      | 13.06      |            |
| B within A            | *              |               | 1.94                | 5.81      |            |            |
| A within B            |                |               | 2.20                | 6.59      |            |            |
| 1000 grains weight, g |                |               |                     |           |            |            |
| TSIR-CZ-101           | 40.67          | 3             | 36.67               | 5         | 38.67      | 3          |
| TSIR-CZ-102           | 42.67          | 2             | 47.67               | 1         | 45.17      | 1          |
| TSIR-CZ-103           | 32.00          | 5             | 44.00               | 2         | 38.00      | 4          |
| TSIR-CZ-104           | 34.33          | 4             | 38.67               | 4         | 36.50      | 5          |
| TSIR-CZ-105           | 43.00          | 1             | 43.33               | 3         | 43.17      | 2          |
| Mean                  | 38.53          |               | 42.07               |           | 40.30      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 0.59                | 3.59      | 5.68       |            |
| Genotype (B)          | **             |               | 1.05                | 3.16      | 6.41       |            |
| B within A            | **             |               | 1.49                | 4.47      |            |            |
| A within B            |                |               | 1.46                | 4.37      |            |            |
| Date of Sowing:       | 10.11.2025     | 09.12.2025    | Date of Harvesting: |           | 23.03.2026 | 01.04.2026 |

| Table 4.2.5.          | Central Zone   | IR-TS-DOS-TAD |                     |           | Junagarh   | 2025-26    |
|-----------------------|----------------|---------------|---------------------|-----------|------------|------------|
| Genotype              | Date of Sowing |               |                     |           | Mean       | Rk         |
|                       | Timely         | Rk            | Late                | Rk        |            |            |
| Yield, q/ha           |                |               |                     |           |            |            |
| TSIR-CZ-101           | 44.68          | 5             | 41.55               | 4         | 43.12      | 4          |
| TSIR-CZ-102           | 45.08          | 4             | 39.84               | 5         | 42.46      | 5          |
| TSIR-CZ-103           | 46.90          | 2             | 42.66               | 3         | 44.78      | 2          |
| TSIR-CZ-104           | 49.09          | 1             | 48.13               | 1         | 48.61      | 1          |
| TSIR-CZ-105           | 46.11          | 3             | 43.13               | 2         | 44.62      | 3          |
| Mean                  | 46.37          |               | 43.06               |           | 44.72      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 0.60                | 3.64      | 5.18       |            |
| Genotype (B)          | *              |               | 1.12                | 3.36      | 6.14       |            |
| B within A            | NS             |               | 1.58                | 4.75      |            |            |
| A within B            |                |               | 1.54                | 4.61      |            |            |
| Earhead/sq.m.         |                |               |                     |           |            |            |
| TSIR-CZ-101           | 343            | 3             | 337                 | 4         | 340        | 3          |
| TSIR-CZ-102           | 397            | 2             | 370                 | 2         | 383        | 2          |
| TSIR-CZ-103           | 340            | 4             | 330                 | 5         | 335        | 5          |
| TSIR-CZ-104           | 337            | 5             | 343                 | 3         | 340        | 3          |
| TSIR-CZ-105           | 447            | 1             | 427                 | 1         | 437        | 1          |
| Mean                  | 373            |               | 361                 |           | 367        |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 6.55                | 39.85     | 6.91       |            |
| Genotype (B)          | **             |               | 8.73                | 26.18     | 5.83       |            |
| B within A            | NS             |               | 12.35               | 37.02     |            |            |
| A within B            |                |               | 12.84               | 38.50     |            |            |
| Grains/earhead        |                |               |                     |           |            |            |
| TSIR-CZ-101           | 29.82          | 3             | 29.51               | 3         | 29.66      | 3          |
| TSIR-CZ-102           | 26.06          | 4             | 25.87               | 4         | 25.97      | 4          |
| TSIR-CZ-103           | 30.68          | 1             | 31.28               | 1         | 30.98      | 1          |
| TSIR-CZ-104           | 30.15          | 2             | 30.45               | 2         | 30.30      | 2          |
| TSIR-CZ-105           | 22.68          | 5             | 24.18               | 5         | 23.43      | 5          |
| Mean                  | 27.88          |               | 28.26               |           | 28.07      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 0.62                | 3.77      | 8.54       |            |
| Genotype (B)          | **             |               | 1.14                | 3.43      | 9.98       |            |
| B within A            | NS             |               | 1.62                | 4.85      |            |            |
| A within B            |                |               | 1.57                | 4.72      |            |            |
| 1000 grains weight, g |                |               |                     |           |            |            |
| TSIR-CZ-101           | 43.68          | 5             | 41.97               | 2         | 42.82      | 4          |
| TSIR-CZ-102           | 43.79          | 4             | 41.71               | 4         | 42.75      | 5          |
| TSIR-CZ-103           | 45.27          | 3             | 41.55               | 5         | 43.41      | 3          |
| TSIR-CZ-104           | 48.39          | 1             | 46.27               | 1         | 47.33      | 1          |
| TSIR-CZ-105           | 45.60          | 2             | 41.92               | 3         | 43.76      | 2          |
| Mean                  | 45.34          |               | 42.68               |           | 44.01      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 0.44                | 2.68      | 3.87       |            |
| Genotype (B)          | **             |               | 0.55                | 1.66      | 3.09       |            |
| B within A            | NS             |               | 0.78                | 2.35      |            |            |
| A within B            |                |               | 0.83                | 2.48      |            |            |
| Date of Sowing:       | 10.11.2025     | 04.12.2025    | Date of Harvesting: |           | 15.03.2026 | 19.03.2026 |

| Table 4.2.6.          | Central Zone   |            | IR-TS-DOS-TAD       |           | Powarkheda | 2025-26    |
|-----------------------|----------------|------------|---------------------|-----------|------------|------------|
| Genotype              | Date of Sowing |            |                     |           | Mean       | Rk         |
|                       | Timely         | Rk         | Late                | Rk        |            |            |
| Yield, q/ha           |                |            |                     |           |            |            |
| TSIR-CZ-101           | 51.99          | 5          | 51.63               | 3         | 51.81      | 5          |
| TSIR-CZ-102           | 65.26          | 1          | 51.49               | 4         | 58.37      | 2          |
| TSIR-CZ-103           | 62.01          | 2          | 56.36               | 1         | 59.18      | 1          |
| TSIR-CZ-104           | 54.97          | 4          | 55.84               | 2         | 55.41      | 4          |
| TSIR-CZ-105           | 61.64          | 3          | 50.08               | 5         | 55.86      | 3          |
| Mean                  | 59.17          |            | 53.08               |           | 56.13      |            |
|                       | F. Test        |            | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | *              |            | 0.55                | 3.37      | 3.82       |            |
| Genotype (B)          | **             |            | 1.05                | 3.14      | 4.56       |            |
| B within A            | **             |            | 1.48                | 4.43      |            |            |
| A within B            |                |            | 1.43                | 4.30      |            |            |
| Earhead/sq.m.         |                |            |                     |           |            |            |
| TSIR-CZ-101           | 387            | 4          | 370                 | 3         | 379        | 4          |
| TSIR-CZ-102           | 399            | 3          | 388                 | 1         | 394        | 1          |
| TSIR-CZ-103           | 374            | 5          | 357                 | 4         | 365        | 5          |
| TSIR-CZ-104           | 400            | 2          | 382                 | 2         | 391        | 2          |
| TSIR-CZ-105           | 444            | 1          | 332                 | 5         | 388        | 3          |
| Mean                  | 401            |            | 366                 |           | 383        |            |
|                       | F. Test        |            | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | **             |            | 1.22                | 7.45      | 1.24       |            |
| Genotype (B)          | **             |            | 3.72                | 11.15     | 2.38       |            |
| B within A            | **             |            | 5.26                | 15.76     |            |            |
| A within B            |                |            | 4.86                | 14.57     |            |            |
| Grains/earhead        |                |            |                     |           |            |            |
| TSIR-CZ-101           | 34.78          | 4          | 43.73               | 2         | 39.26      | 4          |
| TSIR-CZ-102           | 40.82          | 2          | 39.42               | 3         | 40.12      | 2          |
| TSIR-CZ-103           | 41.02          | 1          | 37.81               | 5         | 39.41      | 3          |
| TSIR-CZ-104           | 37.26          | 3          | 46.05               | 1         | 41.66      | 1          |
| TSIR-CZ-105           | 33.03          | 5          | 39.18               | 4         | 36.11      | 5          |
| Mean                  | 37.38          |            | 41.24               |           | 39.31      |            |
|                       | F. Test        |            | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |            | 1.43                | 8.70      | 14.08      |            |
| Genotype (B)          | NS             |            | 1.63                | 4.89      | 10.16      |            |
| B within A            | *              |            | 2.31                | 6.91      |            |            |
| A within B            |                |            | 2.51                | 7.52      |            |            |
| 1000 grains weight, g |                |            |                     |           |            |            |
| TSIR-CZ-101           | 38.77          | 4          | 32.08               | 4         | 35.43      | 4          |
| TSIR-CZ-102           | 40.33          | 3          | 33.78               | 3         | 37.05      | 3          |
| TSIR-CZ-103           | 40.41          | 2          | 42.04               | 1         | 41.23      | 2          |
| TSIR-CZ-104           | 36.97          | 5          | 31.96               | 5         | 34.47      | 5          |
| TSIR-CZ-105           | 43.99          | 1          | 38.64               | 2         | 41.31      | 1          |
| Mean                  | 40.09          |            | 35.70               |           | 37.90      |            |
|                       | F. Test        |            | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |            | 1.19                | 7.24      | 12.15      |            |
| Genotype (B)          | NS             |            | 1.99                | 5.95      | 12.84      |            |
| B within A            | NS             |            | 2.81                | 8.42      |            |            |
| A within B            |                |            | 2.78                | 8.33      |            |            |
| Date of Sowing:       | 11.11.2025     | 03.12.2025 | Date of Harvesting: |           | 07.04.2026 | 12.04.2026 |



| Table 4.2.7.          | Central Zone   | IR-TS-DOS-TAD |                     |           | Udaipur    | 2025-26    |
|-----------------------|----------------|---------------|---------------------|-----------|------------|------------|
| Genotype              | Date of Sowing |               |                     |           | Mean       | Rk         |
|                       | Timely         | Rk            | Late                | Rk        |            |            |
| Yield, q/ha           |                |               |                     |           |            |            |
| TSIR-CZ-101           | 56.72          | 2             | 49.22               | 1         | 52.97      | 2          |
| TSIR-CZ-102           | 59.50          | 1             | 48.38               | 2         | 53.94      | 1          |
| TSIR-CZ-103           | 56.37          | 3             | 44.82               | 3         | 50.59      | 3          |
| TSIR-CZ-104           | 54.95          | 4             | 43.25               | 4         | 49.10      | 4          |
| TSIR-CZ-105           | 48.83          | 5             | 42.08               | 5         | 45.46      | 5          |
| Mean                  | 55.27          |               | 45.55               |           | 50.41      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | *              |               | 0.71                | 4.29      | 5.42       |            |
| Genotype (B)          | **             |               | 1.34                | 4.01      | 6.50       |            |
| B within A            | NS             |               | 1.89                | 5.67      |            |            |
| A within B            |                |               | 1.83                | 5.49      |            |            |
| Earhead/sq.m.         |                |               |                     |           |            |            |
| TSIR-CZ-101           | 410            | 1             | 288                 | 3         | 349        | 2          |
| TSIR-CZ-102           | 383            | 4             | 318                 | 1         | 350        | 1          |
| TSIR-CZ-103           | 399            | 3             | 280                 | 4         | 340        | 3          |
| TSIR-CZ-104           | 403            | 2             | 262                 | 5         | 332        | 4          |
| TSIR-CZ-105           | 368            | 5             | 296                 | 2         | 332        | 5          |
| Mean                  | 393            |               | 289                 |           | 341        |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | **             |               | 6.49                | 39.50     | 7.38       |            |
| Genotype (B)          | NS             |               | 7.53                | 22.58     | 5.42       |            |
| B within A            | **             |               | 10.65               | 31.94     |            |            |
| A within B            |                |               | 11.53               | 34.56     |            |            |
| Grains/earhead        |                |               |                     |           |            |            |
| TSIR-CZ-101           | 27.79          | 3             | 36.00               | 1         | 31.89      | 1          |
| TSIR-CZ-102           | 31.04          | 1             | 31.66               | 4         | 31.35      | 2          |
| TSIR-CZ-103           | 28.12          | 2             | 33.09               | 3         | 30.61      | 4          |
| TSIR-CZ-104           | 27.66          | 4             | 34.46               | 2         | 31.06      | 3          |
| TSIR-CZ-105           | 27.05          | 5             | 30.49               | 5         | 28.77      | 5          |
| Mean                  | 28.33          |               | 33.14               |           | 30.74      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | *              |               | 0.44                | 2.70      | 5.59       |            |
| Genotype (B)          | NS             |               | 1.05                | 3.15      | 8.37       |            |
| B within A            | NS             |               | 1.49                | 4.45      |            |            |
| A within B            |                |               | 1.40                | 4.20      |            |            |
| 1000 grains weight, g |                |               |                     |           |            |            |
| TSIR-CZ-101           | 50.10          | 3             | 47.76               | 4         | 48.93      | 3          |
| TSIR-CZ-102           | 50.27          | 1             | 48.06               | 2         | 49.17      | 2          |
| TSIR-CZ-103           | 50.20          | 2             | 48.47               | 1         | 49.33      | 1          |
| TSIR-CZ-104           | 49.36          | 4             | 48.02               | 3         | 48.69      | 4          |
| TSIR-CZ-105           | 49.23          | 5             | 46.82               | 5         | 48.02      | 5          |
| Mean                  | 49.83          |               | 47.82               |           | 48.83      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 0.36                | 2.17      | 2.83       |            |
| Genotype (B)          | NS             |               | 0.95                | 2.84      | 4.76       |            |
| B within A            | NS             |               | 1.34                | 4.02      |            |            |
| A within B            |                |               | 1.25                | 3.75      |            |            |
| Date of Sowing:       | 11.11.2025     | 5.12.2025     | Date of Harvesting: |           | 28.03.2026 | 10.04.2026 |

| Table 4.2.8.          | Central Zone   | IR-TS-DOS-TAD |                     |           | Vijapur    | 2025-26    |
|-----------------------|----------------|---------------|---------------------|-----------|------------|------------|
| Genotype              | Date of Sowing |               |                     |           | Mean       | Rk         |
|                       | Timely         | Rk            | Late                | Rk        |            |            |
| Yield, q/ha           |                |               |                     |           |            |            |
| TSIR-CZ-101           | 49.64          | 2             | 36.36               | 4         | 43.00      | 3          |
| TSIR-CZ-102           | 51.35          | 1             | 42.90               | 2         | 47.13      | 1          |
| TSIR-CZ-103           | 43.35          | 3             | 45.09               | 1         | 44.22      | 2          |
| TSIR-CZ-104           | 34.09          | 5             | 28.49               | 5         | 31.29      | 5          |
| TSIR-CZ-105           | 42.78          | 4             | 37.37               | 3         | 40.08      | 4          |
| Mean                  | 44.24          |               | 38.04               |           | 41.14      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | *              |               | 0.95                | 5.79      | 8.96       |            |
| Genotype (B)          | **             |               | 1.88                | 5.23      | 11.19      |            |
| B within A            | NS             |               | 2.66                | 7.97      |            |            |
| A within B            |                |               | 2.55                | 7.68      |            |            |
| Earhead/sq.m.         |                |               |                     |           |            |            |
| TSIR-CZ-101           | 382            | 2             | 340                 | 4         | 361        | 3          |
| TSIR-CZ-102           | 376            | 3             | 356                 | 2         | 366        | 2          |
| TSIR-CZ-103           | 365            | 4             | 350                 | 3         | 358        | 4          |
| TSIR-CZ-104           | 337            | 5             | 329                 | 5         | 333        | 5          |
| TSIR-CZ-105           | 422            | 1             | 405                 | 1         | 414        | 1          |
| Mean                  | 376            |               | 356                 |           | 366        |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 14.35               | 87.31     | 15.17      |            |
| Genotype (B)          | **             |               | 8.78                | 26.31     | 5.87       |            |
| B within A            | NS             |               | 12.41               | 37.21     |            |            |
| A within B            |                |               | 18.14               | 54.38     |            |            |
| Grains/earhead        |                |               |                     |           |            |            |
| TSIR-CZ-101           | 25.51          | 1             | 26.12               | 3         | 25.82      | 3          |
| TSIR-CZ-102           | 24.30          | 2             | 29.60               | 2         | 26.95      | 2          |
| TSIR-CZ-103           | 24.22          | 3             | 30.59               | 1         | 27.41      | 1          |
| TSIR-CZ-104           | 22.36          | 4             | 22.35               | 4         | 22.35      | 4          |
| TSIR-CZ-105           | 21.17          | 5             | 21.02               | 5         | 21.09      | 5          |
| Mean                  | 23.51          |               | 25.94               |           | 24.72      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | NS             |               | 1.93                | 11.73     | 30.19      |            |
| Genotype (B)          | *              |               | 1.47                | 4.41      | 14.57      |            |
| B within A            | NS             |               | 2.08                | 6.24      |            |            |
| A within B            |                |               | 2.68                | 8.03      |            |            |
| 1000 grains weight, g |                |               |                     |           |            |            |
| TSIR-CZ-101           | 51.06          | 2             | 41.26               | 3         | 46.16      | 3          |
| TSIR-CZ-102           | 56.29          | 1             | 40.86               | 4         | 48.57      | 1          |
| TSIR-CZ-103           | 49.04          | 3             | 43.12               | 2         | 46.08      | 4          |
| TSIR-CZ-104           | 46.16          | 5             | 38.83               | 5         | 42.49      | 5          |
| TSIR-CZ-105           | 48.29          | 4             | 44.50               | 1         | 46.39      | 2          |
| Mean                  | 50.17          |               | 41.71               |           | 45.94      |            |
|                       | F. Test        |               | SEm                 | CD (0.05) | CV (%)     |            |
| Sowing (A)            | *              |               | 0.82                | 4.98      | 6.90       |            |
| Genotype (B)          | **             |               | 0.96                | 2.89      | 5.14       |            |
| B within A            | **             |               | 1.36                | 4.09      |            |            |
| A within B            |                |               | 1.47                | 4.40      |            |            |
| Date of Sowing:       | 05.11.2025     | 03.12.2025    | Date of Harvesting: |           | 10.03.2026 | 16.03.2026 |