

Table 32. Summary of agronomic and yield data for 30 wheats grown in the 1993 Western Plains Regional Performance Nursery.

| VARIETY OR<br>PEDIGREE                | :<br>C.I. OR<br>SEL. NO. | :<br>ENTRY:<br>NO. | : PLANT<br>HEIGHT<br>CM | : DAYS TO<br>HEADING<br>FROM 1/1: | : LODGING<br>0-9 | : WINTER<br>SURVIVAL<br>% | : VOLUME<br>WEIGHT<br>KG/HL | : YIELD<br>KG/HA |
|---------------------------------------|--------------------------|--------------------|-------------------------|-----------------------------------|------------------|---------------------------|-----------------------------|------------------|
|                                       | Number of Trials         |                    | 4                       | 4                                 | 1                | 1                         | 2                           | 3                |
| TAM-105/10334                         | TX89A7315                | 19                 | 88                      | 148                               | 0                | 93                        | 73.2                        | 3019             |
| TAM-200/TAM-107                       | C0890323                 | 7                  | 74                      | 148                               | 0                | 96                        | 76.2                        | 2938             |
| Centura/Dawn//Colt sib                | NE88584                  | 9                  | 81                      | 148                               | 0                | 96                        | 73.4                        | 2925             |
| Quantum Hybrid Wheat                  | XH1438                   | 26                 | 80                      | 151                               | 0                | 94                        | 74.8                        | 2923             |
| TAM-107/TX73V862                      | TX91V3736                | 23                 | 68                      | 147                               | 0                | 97                        | 74.8                        | 2922             |
| Lov13/2* Ctk 78//TAM-105              | C0880054                 | 6                  | 67                      | 150                               | 0                | 89                        | 70.4                        | 2912             |
| TX71A889/TAM-101                      | TX90A9524                | 16                 | 70                      | 147                               | 0                | 95                        | 73.6                        | 2901             |
| TAM-105/10334                         | TX89A7318                | 20                 | 67                      | 146                               | 0                | 91                        | 74                          | 2782             |
| Larned                                | Larned                   | 1                  | 81                      | 149                               | 0                | 93                        | 74.8                        | 2783             |
| TAM-105*4/Amigo*5//Largo              | TX88A6840                | 15                 | 73                      | 148                               | 0                | 93                        | 70.9                        | 2741             |
| Arapahoe                              | Arapahoe                 | 4                  | 75                      | 151                               | 0                | 95                        | 71.9                        | 2734             |
| Quantum Hybrid Wheat                  | XH1437                   | 25                 | 80                      | 151                               | 0                | 95                        | 74.4                        | 2727             |
| Carson/Sandy                          | C0870258                 | 5                  | 76                      | 151                               | 0                | 97                        | 74                          | 2726             |
| Siouxland/TX80GH2679                  | TX91V5524                | 21                 | 79                      | 149                               | 0                | 97                        | 74.3                        | 2702             |
| KS83H2510 (H11)/Brule 83 composite    | NE90479                  | 10                 | 73                      | 148                               | 0                | 97                        | 75.7                        | 2701             |
| C0830120/Siouxland                    | C0890427                 | 8                  | 70                      | 150                               | 0                | 93                        | 72.3                        | 2693             |
| Lamar                                 | Lamar                    | 3                  | 80                      | 151                               | 2                | 97                        | 75.5                        | 2676             |
| Quantum Hybrid Wheat                  | XHN1564                  | 28                 | 73                      | 151                               | 0                | 95                        | 72.5                        | 2640             |
| Siouxland                             | Siouxland                | 2                  | 82                      | 148                               | 0                | 95                        | 73                          | 2626             |
| Siouxland/TAM-101                     | TX90A9507                | 14                 | 68                      | 151                               | 0                | 97                        | 71.4                        | 2625             |
| Quantum Hybrid Wheat                  | XH1541                   | 27                 | 73                      | 152                               | 0                | 94                        | 73.5                        | 2567             |
| TAM-105/BAU39                         | TX90V7119                | 17                 | 81                      | 149                               | 0                | 89                        | 74.3                        | 2551             |
| Quantum Hybrid Wheat                  | QT542                    | 24                 | 80                      | 152                               | 0                | 91                        | 74.5                        | 2493             |
| TAM-200//TX38949-2/TAM-107            | TX90V8734                | 18                 | 73                      | 152                               | 0                | 93                        | 77.2                        | 2411             |
| P1 V/3/Naphal/Lancer/2/TX1682/NE70654 | N88L267                  | 11                 | 72                      | 153                               | 1                | 95                        | 73.9                        | 2401             |
| Siouxland/NK812                       | T76                      | 29                 | 71                      | 153                               | 0                | 94                        | 70.7                        | 2400             |
| NE82438/NE7060                        | N91L018                  | 12                 | 68                      | 154                               | 0                | 93                        | 71.3                        | 2370             |
| NE80413/2/Lindon/NE7060               | N91L182                  | 13                 | 73                      | 154                               | 0                | 97                        | 67.8                        | 2254             |
| TX86V1540/TX78V2430-4                 | TX90V6132                | 22                 | 81                      | 149                               | 0                | 90                        | 70.8                        | 2244             |
| Complex Pedigree                      | ID0352                   | 30                 | 79                      | 156                               | 0                | 95                        | 72.4                        | 1976             |