

Table 1, contd.

| Clovis (irrigated) New Mexico, three replications |       |                |                            |                    |                                |                 |
|---|-------|----------------|----------------------------|--------------------|--------------------------------|-----------------|
| line  | entry | yield<br>kg/ha | volum e<br>weight<br>kg/hl | plant<br>height cm | days to<br>heading<br>from 1/1 | lodging<br>(% ) |
| W 95-385  | 35    | 7722           | 79.3                       | 105                | 135                            | 0               |
| HBK0630-4-5                                       | 44    | 7620           | 79.2                       | 97                 | 139                            | 0               |
| T112  | 33    | 7570           | 79.3                       | 95                 | 139                            | 0               |
| NW 97S151   | 45    | 7468           | 76.6                       | 105                | 138                            | 0               |
| KS96HW 10-3                                       | 20    | 7367           | 78.2                       | 115                | 135                            | 0               |
| G96134  | 24    | 7352           | 76.9                       | 106                | 136                            | 0               |
| G96047  | 23    | 7347           | 79.1                       | 94                 | 136                            | 0               |
| TX90A9528   | 11    | 7293           | 76.2                       | 107                | 136                            | 2               |
| XH9806  | 41    | 7273           | 78.2                       | 104                | 133                            | 0               |
| NE96573   | 28    | 7219           | 78.5                       | 111                | 137                            | 0               |
| KS96HW 94   | 22    | 7142           | 80.0                       | 102                | 139                            | 0               |
| W 95-610W   | 39    | 6998           | 79.9                       | 94                 | 135                            | 0               |
| T108  | 31    | 6965           | 76.1                       | 102                | 136                            | 0               |
| G96135  | 25    | 6953           | 78.6                       | 108                | 137                            | 0               |
| CO950043  | 17    | 6877           | 79.5                       | 99                 | 137                            | 0               |
| TX93D2066   | 9     | 6768           | 76.3                       | 112                | 139                            | 0               |
| XH1888  | 40    | 6694           | 76.3                       | 106                | 139                            | 0               |
| TX94V5922   | 12    | 6663           | 79.2                       | 101                | 137                            | 9               |
| TX95D8283   | 10    | 6586           | 75.2                       | 93                 | 138                            | 1               |
| W 95-091  | 37    | 6576           | 77.9                       | 98                 | 138                            | 2               |
| G96044  | 26    | 6543           | 78.8                       | 99                 | 134                            | 0               |
| OK95571   | 6     | 6529           | 79.7                       | 106                | 135                            | 0               |
| Trego   | 18    | 6400           | 81.1                       | 104                | 138                            | 0               |
| TX95V4339   | 13    | 6336           | 75.0                       | 99                 | 138                            | 0               |
| W 94-480W   | 38    | 6276           | 78.9                       | 113                | 139                            | 0               |
| T111  | 32    | 6053           | 77.5                       | 102                | 135                            | 0               |
| OK95616-14C                                       | 5     | 6012           | 74.6                       | 97                 | 139                            | 5               |
| OK95548-26C                                       | 8     | 5697           | 79.2                       | 99                 | 138                            | 0               |
| W 95-392  | 36    | 5566           | 80.2                       | 100                | 136                            | 0               |
| KS89180B-2-1-2                                    | 43    | 5446           | 74.3                       | 100                | 136                            | 0               |
| T114  | 34    | 5395           | 75.1                       | 105                | 136                            | 0               |
| OK96717   | 7     | 5326           | 78.7                       | 98                 | 135                            | 0               |
| KS96HW 115  | 21    | 5268           | 79.0                       | 106                | 136                            | 0               |
| TAM 107   | 3     | 5210           | 76.1                       | 101                | 141                            | 0               |
| OK94P549-2C                                       | 4     | 5202           | 79.0                       | 97                 | 140                            | 0               |
| CO940611  | 16    | 5183           | 78.9                       | 102                | 135                            | 0               |
| TX97V4311   | 15    | 5053           | 78.4                       | 86                 | 137                            | 1               |
| TX95V5905   | 14    | 5047           | 78.5                       | 95                 | 138                            | 12              |
| NE95510   | 27    | 4708           | 77.7                       | 110                | 136                            | 0               |
| XH9815  | 42    | 4652           | 75.8                       | 105                | 136                            | 0               |
| Scout66   | 2     | 4177           | 78.9                       | 109                | 133                            | 13              |
| Kharkof   | 1     | 4059           | 77.8                       | 114                | 140                            | 12              |
| KS95H167-3  | 19    | 3452           | 79.4                       | 106                | 138                            | 2               |
| TB1071  | 30    | 3204           | 78.3                       | 75                 | 137                            | 0               |
| TK1269  | 29    | 3189           | 76.0                       | 87                 | 136                            | 0               |
| m ean   |       | 6054           | 77.9                       | 102                | 137                            | 1               |
| l.s.d. (0.05 )                                    |       | 1856           | 3.3                        |                    |                                |                 |
| c.v. (% )   |       | 19             | 2.6                        |                    |                                |                 |