

Table 5. Conventional soybean variety performance results (average of 4 replications sorted by yield) - Maturity Group 1 at Brookings, SD).

| Variety Information | | | Agronomic Performance | | |
|----------------------|-----------|-----------------|-----------------------|------------|-------------------------|
| Brand | Variety | Maturity Rating | Yield (bu/ac@13%) | Moisture % | Lodging Score (1-5)* |
| Check | CHECK | 1.4 | 66.9 | 8.8 | 1.0 |
| Viking | 1518N | 1.5 | 65.3 | 9.0 | 1.0 |
| Ag Performance | AP 1515 | 1.5 | 65.2 | 9.0 | 1.0 |
| Halls Seed | HBK69BL | 1.9 | 63.6 | 8.9 | 1.5 |
| Halls Seed | H69P2 | 1.9 | 63.2 | 8.9 | 1.0 |
| Viking | 1218N | 1.2 | 62.8 | 8.9 | 1.0 |
| Viking | O.1202N | 1.2 | 61.7 | 8.8 | 1.3 |
| SD AES | BROOKINGS | 1.7 | 61.4 | 9.1 | 1.5 |
| MN AES | MN1613CN | 1.6 | 60.8 | 9.0 | 2.3 |
| Ag Performance | AP 1816 | 1.8 | 60.7 | 9.3 | 2.5 |
| Richland IFC | MK41 | 1.4 | 60.3 | 9.1 | 1.0 |
| Ag Performance | AP 1216 | 1.2 | 58.9 | 8.8 | 1.0 |
| Miller Hybrids | 1968 | 1.9 | 58.6 | 9.6 | 1.3 |
| Brushvale | BS1146 | 1.1 | 58.4 | 9.2 | 1.0 |
| MN AES | MN1806CN | 1.8 | 56.8 | 9.5 | 3.0 |
| Brushvale | BS1512 | 1.4 | 56.3 | 8.8 | 1.8 |
| MN AES | MN1312CN | 1.3 | 54.3 | 8.9 | 1.0 |
| Richland IFC | MK9101 | 1.0 | 44.1 | 10.0 | 1.5 |
| Richland IFC | MK1016 | 1.0 | 41.5 | 9.2 | 2.0 |
| Trial Average | | | 59.0 | 9.1 | 1.4 |
| LSD (0.05)† | | | 3.4 | 0.3 | 0.7 |
| C.V.‡ | | | 4.1 | 2.2 | - |

* Lodging Score (1 = no lodging to 5 = flat on the ground)

† Yield or moisture value required (\geq LSD) to determine if varieties are significantly different from one another.

‡ C.V. is a measure of variability or experimental error, 15% or less is acceptable.