

Table 3. Conventional soybean variety performance results (average of 4 replications sorted by yield) - Maturity Group 0 at Brookings, SD).

Variety Information			Agronomic Performance		
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Check	CHECK	1.4	65.1	9.2	1.0
SD AES	ROBERTS	0.6	<b>58.0</b>	9.2	2.3
SD AES	CODINGTON	0.9	<b>55.6</b>	9.6	1.0
Richland IFC	MK808CN	0.8	52.5	9.7	3.5
MN AES	MN0810CN	0.8	51.5	9.3	3.0
Richland IFC	MK0603	0.6	51.2	9.4	4.3
Richland IFC	MK0508	0.8	49.6	9.5	4.5
Richland IFC	MK42	0.7	44.3	9.4	3.3
<b>Trial Average</b>			53.5	9.4	2.8
<b>LSD (0.05)†</b>			3.8	0.3	0.8
<b>C.V.‡</b>			4.8	2.0	-

\* 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.

Table 4. Conventional soybean variety performance results (average of 4 replications sorted by yield) - Maturity Group 2 at Brookings, SD).

Variety Information			Agronomic Performance		
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture %	Lodging Score (1-5)*
Viking	2155N	2.1	<b>67.5</b>	9.6	1.3
Ag Performance	AP 2215	2.2	<b>67.3</b>	9.8	1.5
Check	CHECK	1.4	<b>65.9</b>	9.0	1.0
Miller Hybrids	2368	2.3	61.7	9.4	3.0
Ag Performance	AP 2218	2.2	59.1	9.3	1.3
SD AES	DAVISON	2.2	59.0	9.2	1.0
Richland IFC	MK373	2.0	58.0	9.3	1.3
Viking	O.2023	2.0	56.9	9.2	1.0
<b>Trial Average</b>			61.9	9.3	1.4
<b>LSD (0.05)†</b>			2.9	0.3	0.4
<b>C.V.‡</b>			3.1	1.9	-

\* 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.