

## SOYBEAN VARIETY CHARACTERISTICS

Variety	Origin	Year Rel.	Relative Maturity <sup>(1)</sup>	Flower Color	Pubescence	Pod Color	Hilum Color	Seed Coat Lustre	Emergence <sup>(2)</sup>	Shattering <sup>(3)</sup>	Iron Chlorosis <sup>(4)</sup>	Phytophthora Root Rot <sup>(5)</sup>	Lodging Resistance	PVP <sup>(6)</sup>
Davison	SD	'09	2.2	White	Lt. Tawny	Tan	Black	D	1	1	–	R1	Good	Yes***
Deuel	SD	'09	1.1	Purple	Tawny	Brown	Black	D	1	1	–	R1K	Fair- Good	Yes***
Glacier	MN	'95	0.2	Purple	Tawny	Brown	Yellow*	D	1	1	3.0	R1,R4	Good	Yes
Granite	MN	'95	1.6	Purple	Gray	Brown	Imp. Black**	D	4	–	3.5	R1	Good	Yes
Hamlin	SD	'05	0.9	White	Tawny	Brown	Black	D	1	1	2.3	R1K	Good	Yes
Hendricks	MN	'94	0.8	Purple	Gray	Brown	Yellow	D	1	1	1.7	R1	Good	Yes
Lambert	MN	'92	0.7	Purple	Gray	Brown	Buff	D	3	1	3.3	R1	Good	Yes
MN0301	MN	'97	0.4	Purple	Gray	Brown	Yellow	D	4	2	3.5	R1	–	Yes
MN0901	MN	'99	0.9	White	Gray	Brown	Yellow	–	3	2	3.7	R1	Good	Yes
MN1301	MN	'97	1.4	White	Gray	Brown	Yellow	–	5	1	3.0	R1	Excellent	Yes
MN1401	MN	'98	1.3	Purple	Tawny	Tan	Yellow	–	5	2	3.6	R1	–	Yes
Parker	MN	'92	1.4	White	Gray	Brown	Buff	D	5	1	2.0	R1	Good	Yes
SD1092RR	MN	'05	0.9	Purple	Gray	Brown	Buff	S	1	1	–	R1K	–	Yes
SD1093RR	QA	–	0.9	Purple	Lt. Tawny	Tan	Black	–	1	2	2.2	–	Good	No
SD1111RR	SD	'06	1.0	Purple	Gray	Brown	Yellow	D	1	1	–	R1	Good	Yes
SD1161RR/SCN	SD	'07	1.6	White	Gray	Brown	Yellow	D	1	1	3.6	R1	Good	Yes***
Spink	SD	'02	0.8	Purple	Gray	Brown	Buff	D	1	1	2.4	R1	Good	Yes
Stride	SD	'97	1.4	Purple	Gray	Brown	Imp. Black	S	1	1	3.7	R1	Excellent	Yes
Surge	SD	'97	0.7	Purple	Gray	Brown	Imp. Black	D	1	1	2.7	R1	Good	Yes
Turner	SD	'99	2.3	White	Gray	Brown	Buff	D	1	1	3.0	R1	Good	Yes

\* Glacier - Hila color may vary from yellow to tan to a light buff appearance.

\*\* Granite - Hila color may vary from almost yellow to light imperfect black in appearance.

\*\*\* Plant Variety Protection applied for.

(1) Relative Maturity: 95% ripe pods. First digit is the maturity group with the number following the decimal point is the maturity rating within that group. Group 0 maturities spanned 18 calendar days so each unit on the relative scale (0.1) represents 1.8 days. In contrast, Group 1 maturities spanned 13 days and Group II spanned 12 days. Therefore, each (0.1) unit on the relative maturity scale represents 1.3 days for Group 1 and 1.2 for Group II varieties listed above.

(2) Emergence - indicates the percent of seeds that have emerged after 12 days from 4 ½" depth (sand), maintained at 77° F. Scores indicate: 1 = more than 85% emerged, 2= 70-84%, 3=45-69%, 4=20-44%, and 5= 1-19%.

(3) Shattering - indicates the percent pods that have opened two weeks after maturity. Scores indicate 1= no shattering, 2 = 1-10%, 3 = 11-25%, 4 = 26-50%, and 5+ over 50% shattered.

(4) Iron Chlorosis - susceptibility is evaluated on sites with high pH soils and range from 1 (little or no yellowing) to 3 (moderate yellowing) to 5 (severe yellowing).

(5) Phytophthora Root Rot: S = Susceptible, R1, R3, and R4 = Genes for resistance to different races of Phytophthora.

(6) PVP - Plant Variety Protection, Title V. Certification Option - To be sold by variety name only as a class of Certified Seed. Yes\*\*\* - application anticipated/pending.