

**MG V early entries from Stoneville, MS silt loam OVT**

Brand	Variety	RM	Bloom	Characteristic color			Seeds	D/I	# of days			Seed damage category	
				Pubescence	Pod	Hilum			in field	to R8	beyond R8	Purple	Total
AgriGold	G5000RX	5.0	Purple	Brown	Light Tawny	Black	2,929	I	183	141	42	3.3	4.0
AgriGold	G5288RX	5.2	Purple	Tan	Light Tawny	Black	2,770	I	183	141	42	2.0	3.0
AGS	GS 51X18S	5.1	White	Tan	Gray	Imp. Black	3,172	I	183	141	42	4.7	5.3
Armor	X50D13	5.0	-	-	-	-	2,770	-	183	141	42	4.7	6.0
Armor	X51D77	5.1	-	-	-	-	3,088	-	183	141	42	1.7	2.0
Armor	X52D71	5.3	-	-	-	-	2,796	-	183	141	42	3.0	4.7
Armor	X55D57	5.5	-	-	-	-	2,564	-	183	141	42	1.0	1.0
Asgrow	AG52X9	5.2	Purple	Tan	Light Tawny	Black	2,790	I	183	141	42	2.3	3.3
Asgrow	AG53X9	5.3	Purple	Tan	Gray	Imp. Black	2,520	I	183	143	40	2.3	3.3
Asgrow	AG54X9	5.4	Purple	Brown	Tawny	Black	2,680	I	183	143	40	1.0	1.3
Asgrow	AG55X7	5.5	White	Tan	Tawny	Black	2,880	I	183	143	40	3.7	4.7
Cropland	RX 5016 S	5.0	Purple	Brown	Light Tawny	Black	2,930	I	183	143	40	3.3	4.7
Delta Grow	DG 5170 RR2/5	5.1	Purple	Tan	Light Tawny	Black	2,565	I	183	146	37	3.3	4.3
Delta Grow	DG 52X15 Xter	5.2	-	Brown	-	-	2,619	-	183	146	37	3.3	4.3
Dyna-Gro	S52XT08	5.2	White	Brown	Tawny	Black	2,705	D	183	146	37	1.0	1.0
Dyna-Gro	S56XT99	5.6	White	Tan	Tawny	Black	2,470	D	183	146	37	1.3	2.7
Dyna-Gro	SX18652XS	5.2	White	Tan	Gray	Buff	2,816	I	183	146	37	1.0	1.0
Dyna-Gro	SX18854XT	5.4	Purple	Tan	Tawny	Black	2,518	D	183	146	37	1.0	1.3
Go Soy	50G17	5.0	Purple	Tan	Tawny	Black	2,802	I	183	146	37	1.0	1.0
Go Soy	54G16	5.4	-	-	-	Buff	2,709	D	183	146	37	1.3	1.3
Great Heart Seed	GT-5324X	5.3	White	-	Light Tawny	Black	2,824	I	183	146	37	1.0	1.3
Local Seed Co.	LS5087X	5.0	Purple	Tan	Light Tawny	Black	2,731	I	183	148	35	5.0	6.0
NK Seeds	S50-G9XS	5.0	Purple	Tan	Light Tawny	Black	2,623	I	183	148	35	5.3	6.7
Pioneer	P54A75X	5.4	White	Brown	Tan	Brown	2,870	-	183	148	35	1.0	1.3
Progeny Ag	P5016RXS	5.0	Purple	Brown	Light Tawny	Black	2,955	I	183	148	35	4.3	5.3
Progeny Ag	P5018RX	5.0	Purple	Tan	Light Tawny	Black	2,563	-	183	151	32	2.0	3.0
Progeny Ag	P5226RYS	5.2	Purple	Tan	Light Tawny	Black	2,603	I	183	151	32	3.0	4.0
Progeny Ag	P5252RX	5.2	White	Tan	Gray	Buff	2,626	-	183	151	32	1.0	1.0
Progeny Ag	P5279RXS	5.2	Purple	Brown	Gray	Imp. Black	2,682	I	183	151	32	1.3	2.3
Progeny Ag	P5554RX	5.5	White	Tan	Tawny	Black	2,439	D	183	147	36	1.0	1.0
Progeny Ag	P5688RX	5.6	White	Brown	Tawny	Black	2,528	D	183	147	36	1.0	1.0
Terral	REV 51A56	5.1	Purple	Brown	Tawny	Black	2,595	I	183	147	36	4.3	5.3

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Terral	REV 52A98	5.2	White	Tan	Tawny	Black	2,781	D	183	147	36	1.0	1.0
Terral	REV 55A67	5.5	White	Brown	Tawny	Black	3,054	D	183	149	34	1.0	1.7
Terral	REV 56A58	5.6	Purple	Brown	Light Tan	Black	2,715	D	183	149	34	1.0	1.0
Univ. of Arkansas	R14-14797 RR	5.2	Purple	Tan	Tawny	Black	3,450	D	183	149	34	0.7	1.0
Univ. of Missouri	S14-9017R	5.3	White	Tan	Light Tawny	Black	2,855	I	183	146	37	5.0	6.0
											<i>p</i> -value	<0.0001	<0.0001
											CV	45.0	38.9
											LSD	1.7	1.8

RM = relative maturity

Seeds = # of seed/pound

D/I = determinate or indeterminate growth habit

Planting date (April 19, 2018) and harvest date (October 19, 2018) were used to determine the number of days soybean varieties were in the field as well as days beyond R8

Seed damage was evaluated using a 0-9 scale based on the percentage of grain within each damage category. A 0=no damage, 5=50% damage and a 7=70% damage.