

MG IV 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	G4605RX	4.6	Purple	Tan	Tawny	Black	2,520	I	175	125	50	2.3	3.7
AgriGold	G4440RX	4.4	Purple	Brown	Gray	Black	2,921	I	175	122	53	2.0	3.3
AgriGold	G4579RX	4.5	Purple	Gray	Brown	Black	2,614	I	175	125	50	2.0	3.0
AGS	GS 46X17	4.6	Purple	Brown	Light Tawny	Black	2,636	I	175	125	50	1.0	2.5
Armor	42-D27	4.2	Purple	Tan	Gray	Imp. Black	2,650	I	175	125	50	2.0	3.0
Armor	X45D50	4.5	-	-	-	-	2,979	-	175	125	50	1.0	1.7
Armor	X46D63	4.6	-	-	-	-	2,620	-	175	127	48	1.3	2.7
Asgrow	AG42X9	4.2	Purple	Brown	Tawny	Black	2,590	I	175	127	48	4.7	6.0
Asgrow	AG43X7	4.3	Purple	Brown	Light Tawny	Black	2,750	I	175	127	48	1.7	3.0
Asgrow	AG43X8	4.3	White	Brown	Light Tawny	Black	2,600	I	175	127	48	1.0	2.5
Asgrow	AG45X8	4.5	Purple	Brown	Light Tawny	Black	2,890	I	175	130	45	1.7	2.7
Asgrow	AG46X6	4.6	Purple	Brown	Tawny	Black	2,350	I	175	130	45	1.3	3.3
Croplan	RX4687S	4.6	White	Brown	Light Tawny	Black	2,540	D/I	175	130	45	2.0	3.0
Cropland	RX 4500 S	4.5	Purple	Brown	Light Tawny	Black	2,940	I	175	130	45	1.7	2.3
Cropland	RX 4217 S	4.2	White	Tan	Gray	Buff	3,270	I	175	130	45	2.3	3.3
Delta Grow	DG 4670 RR2	4.6	Purple	Brown	Light Tawny	Black	2,430	I	175	130	45	2.3	3.7
Delta Grow	DG 46X25RR2	4.6	Purple	Brown	Light Tawny	Black	2,925	I	175	129	46	1.3	2.0
Dyna-Gro	S41XS98	4.1	Purple	Tan	Gray	Imp. Black	2,872	I	175	129	46	2.0	3.3
Dyna-Gro	S45XS37	4.5	White	Brown	Tawny	Black	3,281	I	175	129	46	2.3	4.0
Dyna-Gro	S45XS66	4.5	Purple	Brown	Light Tawny	Black	2,917	I	175	129	46	2.0	3.0
Dyna-Gro	SX18845XT	4.5	Purple	Brown	Light Tawny	Black	2,857	I	175	129	46	2.0	2.7
Great Heart Seed	GT-4628X	4.6	Purple	-	Tawny	Black	2,584	I	175	129	46	2.0	3.7
Great Heart Seed	GT-4685XS	4.6	Purple	-	Gray	Buff	2,583	I	175	129	46	2.0	3.0
Local Seed Co.	LS4487XS	4.4	Purple	Tan	Light Tawny	Black	3,071	I	175	129	46	1.3	2.0
Local Seed Co.	LS4677X	4.6	White	Tan	Light Tawny	-	2,986	I	175	129	46	3.0	4.7
Local Seed Co.	LS4565XS	4.5	White	Brown	Tawny	Black	2,826	I	175	129	46	1.7	3.7
Local Seed Co.	LS4583X	4.5	Purple	Brown	Light Tawny	Black	2,883	I	175	129	46	1.3	1.7
Local Seed Co.	LS4689X	4.6	Purple	Tan	Tawny	Black	2,468	I	175	129	46	1.7	3.3
Mission Seed Solutions	A4447NSXR2	4.4	Purple	Brown	Light Tawny	Black	2,800	I	175	131	44	2.0	3.7
Mission Seed Solutions	A4637NSXR2	4.6	White	Brown	Light Tawny	Black	2,800	I	175	131	44	1.3	2.3
Mission Seed Solutions	MEX4608	4.6	Purple	Tan	Tawny	Black	2,700	I	175	131	44	2.3	3.3
Mission Seed Solutions	MEX4618	4.6	Purple	Brown	Gray	Buff	2,800	I	175	131	44	1.3	2.0

MG IV 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
MorSoy	MS 4426 RXT	4.4	White	Brown	Light Tawny	Black	3,009	I	175	131	44	1.7	2.7
MorSoy	MS 4616 RXT	4.6	White	Brown	Tawny	Black	3,095	I	175	131	44	2.7	4.3
NK Seeds	S43-V3X	4.3	Purple	Tan	Light Tawny	Black	2,952	I	175	131	44	2.3	3.3
NK Seeds	S45-J3X	4.5	Purple	Brown	Gray	Black	2,728	I	175	131	44	2.0	4.0
NK Seeds	S45-K5X	4.5	Purple	Tan	Light Tawny	Brown	2,778	I	175	131	44	1.3	3.3
Pioneer	P42A96X	4.2	White	Tan	Light Tawny	Tan	2,720	I	175	131	44	1.7	2.7
Pioneer	P46A16R	4.6	White	Brown	Gray	Buff	2,920	I	175	131	44	2.0	3.3
Pioneer	P46A57BX	4.6	White	Brown	Light Tawny	Brown	2,960	I	175	131	44	1.3	2.3
Progeny Ag.	P4255RX	4.2	Purple	Tan	Gray	Imp. Black	2,995	I	175	131	44	2.5	3.0
Progeny Ag.	P4318RX	4.3	White	Tan	Gray	Buff	3,304	-	175	131	44	1.7	2.7
Progeny Ag.	P4444RXS	4.4	Purple	Brown	Light Tawny	Black	2,802	I	175	131	44	2.3	3.0
Progeny Ag.	P4570RXS	4.5	Purple	Brown	Gray	Buff	2,618	-	175	131	44	3.3	4.7
Progeny Ag.	P4620RXS	4.6	White	Brown	Tawny	Black	2,869	I	175	131	44	2.0	3.3
Terral	REV 4679X	4.6	Purple	Tan	Tawny	Black	2,951	I	175	131	44	2.0	3.0
Univ. of Missouri	S14-15146R	4.6	White	Tan	Tawny	Black	2,890	I	175	131	44	1.5	2.0
USG	7447XTS	4.4	White	Brown	Light Tawny	Black	2,934	I	175	131	44	1.7	2.7
											<i>p</i> -value	37.7	32.5
											CV	0.0005	0.0040
											LSD	1.2	1.7

RM = relative maturity

Seeds = # of seed/pound

D/I = determinate or indeterminate growth habit

Planting date (April 19, 2018) and harvest date (October 11, 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.