

MG IV late 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	G4995RX	4.9	Purple	Tan	Light Tawny	Black	2,754	I	176	142	34	2.7	4.7
AGS	GS 48X18	4.8	White	Tan	Light Tawny	Black	3,200	I	176	135	41	1.7	2.7
Armor	X47D22	4.7	-	-	-	-	3,000	-	176	133	43	2.0	2.7
Armor	X49D31	4.9	-	-	-	-	2,952	-	176	142	34	1.7	3.0
Armor	X48D02	4.8	-	-	-	-	2,500	-	176	135	41	1.3	2.0
Asgrow	AG47X9	4.7	Purple	Brown	Light Tawny	Black	3,000	I	176	133	43	2.3	4.0
Asgrow	AG48X9	4.8	Purple	Tan	Light Tawny	Black	2,500	I	176	135	41	3.0	4.0
Asgrow	AG49X9	4.9	Purple	Brown	Light Tawny	Black	2,470	I	176	142	34	2.7	4.3
Croplan	RX4825	4.8	Purple	Tan	Light Tawny	Black	2,190	D/I	176	135	41	1.7	3.0
Croplan	RX4927	4.9	Purple	Brown	Light Tawny	Black	2,425	I	176	142	34	2.0	3.3
Delta Grow	DG 48X45RR2	4.8	Purple	Tan	Light Tawny	Black	2,809	I	176	135	41	1.0	1.7
Delta Grow	DG 4790 RR2	4.7	White	Brown	Light Tawny	Black	2,848	I	176	133	43	4.5	5.5
Dyna-Gro	S48XT56	4.8	Purple	Tan	Light Tawny	Black	2,356	I	176	135	41	2.7	3.7
Dyna-Gro	S49XT39	4.9	Purple	Brown	Gray	Imp. Black	2,887	I	176	142	34	2.7	3.7
Go Soy	49G16	4.9	Purple	Tan	Tawny	Black	3,477	I	176	142	34	3.0	4.3
Great Heart Seed	GT-4721X	4.7	Purple	-	Light Tawny	Black	2,600	I	176	133	43	1.0	3.0
Great Heart Seed	GT-4809X	4.8	White	-	Light Tawny	Black	3,335	I	176	135	41	3.7	6.0
Great Heart Seed	GT-4979X	4.9	Purple	-	Light Tawny	Black	2,649	I	176	142	34	3.0	4.7
Great Heart Seed	GT-4833XS	4.8	Purple	-	Light Tawny	Black	2,454	I	176	135	41	2.7	4.0
Local Seed Co.	AV47W2X	4.7	White	-	Gray	Buff	3,057	-	176	133	43	2.0	3.3
Local Seed Co.	AV49W3X	4.9	-	-	-	-	2,753	-	176	142	34	3.0	3.0
Local Seed Co.	LS4889XS	4.8	Purple	Brown	Light Tawny	Black	2,484	I	176	135	41	1.0	1.5
Local Seed Co.	LS4966X	4.8	Purple	Tan	Light Tawny	Black	2,352	I	176	135	41	1.0	2.0
Local Seed Co.	LS4968XS	4.9	Purple	Brown	Light Tawny	Black	2,716	I	176	142	34	2.3	3.3
Local Seed Co.	L4988X	4.9	Purple	Tan	Gray	Imp. Black	2,708	I	176	142	34	1.7	4.3
Mission Seed Solutions	MEX4908	4.9	Purple	Tan	Light Tawny	Black	2,800	I	176	142	34	1.3	3.0
Mission Seed Solutions	MEX4808	4.8	Purple	Brown	Light Tawny	Black	2,600	I	176	135	41	1.7	3.3
MorSoy	MS 4846 RXT	4.8	Purple	Tan	Light Tawny	Black	2,170	D/I	176	135	41	1.7	3.7
NK Seeds	S48-R2X	4.8	Purple	Tan	Light Tawny	Black	2,976	I	176	135	41	2.7	3.7
Petrus Seed	479 GTS	4.7	White	Tan	Tawny	Black	3,200	I	176	133	43	3.0	5.0
Petrus Seed	4916 GT	4.9	Purple	Tan	Tawny	Black	3,300	D/I	176	142	34	4.0	5.0
Pioneer	P46A60X	4.8	Purple	Brown	Light Tawny	Black	2,975	-	176	135	41	2.7	3.7
Progeny Ag.	P4757RY	4.7	White	Brown	Light Tawny	Black	2,505	II	176	133	43	4.0	5.3

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Progeny Ag.	P4799RXS	4.7	White	Brown	Light Tawny	Black	2,478	I	176	133	43	1.7	3.3
Progeny Ag.	P4816RX	4.8	Purple	Tan	Light Tawny	Black	2,240	I	176	135	41	1.3	3.0
Progeny Ag.	P4851RX	4.8	Purple	Brown	Light Tawny	Black	2,641	I	176	135	41	3.0	4.3
Progeny Ag.	P4955RX	4.9	Purple	Brown	Gray	Imp. Black	2,834	-	176	142	34	4.0	5.0
Progeny Ag.	P4994RX	4.9	White	Brown	Light Tawny	Brown	2,494	I	176	142	34	2.0	3.7
Terral	REV 4927X	4.9	Purple	Brown	Light Tan	Black	2,886	I	176	142	34	2.0	3.0
Terral	REV 4857X	4.8	White	Brown	Gray	Black	3,018	I	176	135	41	5.0	6.0
Terral	REV 48A26	4.8	Purple	Brown	Light Tan	Black	2,660	I	176	135	41	2.3	3.7
Terral	REV 47A98	4.7	White	Brown	Gray	Buff	2,437	I	176	133	43	2.3	4.0
University of Missouri	S14-15138R	4.8	White	Tan	Tawny	Black	2,835	I	176	135	41	3.7	5.0
University of Missouri	S14-9051R	4.7	White	Tan	Gray	Buff	2,785	I	176	133	43	3.7	3.5
USG	7489XTS	4.8	Purple	Tan	Light Tawny	Black	2,319	I	176	135	41	2.0	2.5
USG	7496XTS	4.9	Purple	Brown	Light Tawny	Black	2,609	I	176	142	34	3.0	4.8
											<i>p</i> -value	<0.0001	<0.0001
											CV	36.8	35.4
											LSD	1.6	2.2

RM = relative maturity

Seeds = # of seed/pound

D/I = determinate or indeterminate growth habit

Planting date (April 19, 2018) and harvest date (October 12, 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.