

2018 Soybean Maturity Group IV Mid RR / RR2 / RR2X Variety Response to Iron Deficiency Chlorosis

Brand	Variety	IDC Tolerance Score ¹					Avg. IDC Tolerance	Yield (bu/A) ²
Pioneer	P46A16R	3	4	4	5	4	4	58.0
Local Seed	LS4565XS	6	6	6	5	5	5	56.7
Great Heart	GT-4628X	5	4	5	4	9	6	55.9
Delta Grow	DG 4670 RR2	4	5	5	4	4	4	53.1
Asgrow	AG45X8	5	5	5	5	4	5	52.7
Croplan	RX 4500 S	6	5	6	5	5	6	50.8
Progeny	P4620RXS	6	6	7	6	5	6	49.9
AgriGold	G4605RX	5	5	6	5	5	6	49.8
Pioneer	P46A57BX	4	4	4	4	3	4	49.8
Dyna-Gro	S45XS37	6	6	6	5	4	5	48.9
Local Seed	LS4689X	6	6	5	6	4	5	48.5
Local Seed	LS4583X	5	6	6	5	5	5	47.4
Progeny	P4570RXS	5	6	6	6	6	6	46.6
AgriGold	G4579RX	5	6	6	6	5	6	46.0
Great Heart	GT-4685XS	5	6	6	6	5	6	45.8
Dyna-Gro	S45XS66	6	6	6	6	6	6	40.8
Asgrow	AG46X6	5	6	6	7	6	6	40.4
MorSoy	MS 4616 RXT	5	6	5	5	4	5	38.0
Delta Grow	DG 46X25RR2X	5	6	6	5	5	6	34.8
AGS	GS 46X17	7	7	7	7	7	7	33.0
Univ. of Missouri	S14-15146R	6	7	7	7	7	7	24.3
NK	S45-J3X	7	7	7	7	7	7	23.8
Croplan	RX4687S	6	7	7	8	7	7	23.5
Terral	REV 4679X	6	7	7	7	7	7	22.5
Local Seed	LS4677X	7	7	7	7	7	7	22.2
NK	S45-K5X	6	7	7	7	7	7	19.9
Mission Seed	A4637NSXR2	6	7	7	8	7	7	17.1

¹ Tolerance scores were assigned on a scale of 1 to 10 with 1 being completely tolerant and 10 being completely susceptible.

² Yield was only collected at one location, while tolerance scores were collected at two locations.

These data are intended to serve as an additional resource for variety selection specifically for soils with a history of problems associated with iron deficiency chlorosis. Consult other sources such as results from Official Variety Trials and Demonstration Programs for detailed information regarding variety performance.

2018 Soybean Maturity Group IV Late RR / RR2 / RR2X Variety Response to Iron Deficiency Chlorosis

Brand	Variety	IDC Tolerance Score ¹					Avg. IDC Tolerance	Yield (bu/A) ²
Great Heart	GT-4979X	4	5	5	5	4	5	55.3
Asgrow	AG48X9	4	5	5	4	3	4	52.9
Terral	REV 4927X	4	5	5	4	3	4	51.8
GoSoy	49G16	4	5	6	6	5	5	48.2
USG	7489XTS	5	6	6	6	5	6	47.6
Delta Grow	DG 4790 RR2	4	5	6	5	5	5	47.3
Progeny	P4757RY	5	5	6	5	5	5	46.3
Progeny	P4799RXS	6	6	6	5	5	6	46.1
Dyna-Gro	S48XT56	4	6	6	6	6	5	43.7
Croplan	RX4825	4	6	6	6	5	5	43.2
NK	S48-R2X	3	4	4	5	4	4	42.7
AgriGold	G4995RX	6	6	6	5	5	5	42.5
Progeny	P4816RX	4	6	6	5	5	5	42.2
Progeny	P4955RX	5	5	6	6	6	6	40.9
MorSoy	MS 4846 RXT	5	6	6	6	5	5	40.8
Great Heart	GT-4833XS	6	6	6	6	6	6	39.9
Local Seed	LS4889XS	6	6	6	7	5	6	38.1
Armor	X47D22	5	5	6	5	5	5	38.1
Pioneer	P48A60X	5	6	6	6	6	6	38.0
Terral	REV 47A98	4	5	6	7	6	5	37.9
Local Seed	LS4966X	5	6	6	6	5	5	37.8
Dyna-Gro	S49XT39	5	5	6	6	6	6	36.6
Asgrow	AG47X9	6	6	6	7	6	6	35.5
Delta Grow	DG 48X45RR2X	5	6	6	6	6	6	34.4
Progeny	P4994RX	6	6	6	7	7	6	33.1
Terral	REV 4857X	6	6	6	6	6	6	29.1
USG	7496XTS	6	6	7	7	7	7	29.0
Univ. of Missouri	S14-15138R	6	6	7	7	6	6	28.9
Local Seed	LS4968XS	6	6	6	6	6	6	26.9
Petrus Seed	4916 GT	6	6	6	6	6	6	25.9
Terral	REV 48A26	5	6	6	7	7	6	24.9
Croplan	RX4927	6	7	7	7	7	7	23.2
Great Heart	GT-4721X	7	7	7	8	8	7	21.5
Asgrow	AG49X9	6	6	7	7	7	7	21.1
Progeny	P4851RX	7	7	7	7	8	7	19.7
Local Seed	LS4988X	6	6	7	7	7	6	19.7
Great Heart	GT-4809X	7	7	7	7	8	7	19.0
AGS	GS 48X18	6	7	7	7	7	7	18.0
Petrus Seed	479 GTS	6	6	7	8	7	7	16.8

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2018 Soybean Maturity Group V RR / RR2 / RR2X Variety Response to Iron Deficiency Chlorosis

Brand	Variety	IDC Tolerance Score ¹					Avg. IDC Tolerance	Yield (bu/A) ²
Dyna-Gro	S52XT08	2	4	4	3	3	3	58.8
Asgrow	AG55X7	3	3	4	4	3	3	56.5
Delta Grow	DG 5170 RR2/ST	4	4	4	3	3	3	53.7
Terral	REV 55A67	4	4	5	4	4	4	53.2
Pioneer	P54A75X	4	5	5	5	5	4	51.1
Progeny	P5226RYS	4	4	5	4	3	4	48.5
GoSoy	50G17	4	4	5	4	4	4	46.5
Delta Grow	DG 52X15	5	5	5	6	5	5	46.4
Progeny	P5279RXS	3	5	6	5	5	5	45.4
Progeny	P5752RY	4	5	5	5	4	5	45.0
Progeny	P5554RX	3	4	5	5	4	4	44.9
Progeny	P5252RX	4	5	5	5	5	5	44.5
AgriGold	G5288RX	5	6	6	6	6	6	43.5
Progeny	P5018RX	4	5	6	5	5	5	39.6
Terral	REV 52A98	4	5	5	5	5	5	38.5
Progeny	P5688RX	3	4	5	6	5	4	38.5
AGS	GS 51X18S	3	4	4	4	3	4	37.6
USG	75B75R	3	3	4	4	4	4	37.4
Dyna-Gro	S56XT99	2	4	5	5	4	4	36.8
Asgrow	AG52X9	6	6	7	6	6	6	34.3
Local Seed	LS5087X	4	5	5	5	5	5	34.1
Great Heart	GT-5324X	3	4	3	4	3	4	30.6
GoSoy	54G16	4	5	4	3	3	4	26.3
Asgrow	AG54X9	6	6	6	6	6	6	23.0
Terral	REV 51A56	5	6	7	7	7	6	22.1
Croplan	RX 5016 S	6	6	6	7	7	6	19.5
Terral	REV 56A58	5	6	7	7	7	6	18.8
AgriGold	G5000RX	5	7	7	7	7	7	18.0
Progeny	P5016RXS	6	6	7	7	7	7	14.8
NK	S50-G9XS	6	7	7	7	7	7	13.6
Asgrow	AG53X9	6	7	7	8	8	7	13.4
Uni. of Missouri	S14-9017R	7	8	8	9	8	8	4.2

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