

RPM[®] Brand^{*} SOYBEANS



DB1509RR^{TM*} 1.5

- Multi-race Phythophthora resistance (Rps1k)
- Outstanding harvest standability
- Need good soils for high yield potential
- Strong performance in the Northeast
- Avoid SCN-prone fields

DB1809RR^{TM*} 1.8

- Multi-race Phythophthora resistance (Rps1k)
- Outstanding resistance to SCN races 1, 3 and 5 – Peking
- Very good sudden death syndrome tolerance

DB2309RR^{TM*} 2.3

- Very good SCN race 1 resistance = Peking
- Outstanding SCN race 3 resistance
- Multi-race Phythophthora resistance (Rps1k)
- Above average frogeye leaf spot tolerance
- Excellent shattering resistance
- Avoid fields with a history of sudden death syndrome = 2; fields with a history of white mold and BSR-prone fields

DB2809RR^{TM*} 2.8

- Use in high fertility soils with excellent moisture-holding ability
- Excellent harvest standability
- Good shattering resistance
- Multi-race Phythophthora resistance (Rps1k)
- Good SDS field tolerance

DB3009RR^{TM*} 3.0

- Performs best in highly productive soils
- Use seed treatment for PRR protection
- Very good harvest standability
- Excellent shattering resistance
- Very good SCN race 3 resistance
- Very good SDS field tolerance

DB3309RR^{TM*} 3.3

- Tall plant height - an edge in stress environ.
- Very good harvest standability
- Multi-race Phythophthora resistance (Rps1k)
- Good SDS field tolerance
- Outstanding SCN race 3 resistance

DB3509RR^{TM*} 3.5

- Excellent field emergence
- Very good harvest standability
- Very good SCN race 3 resistance
- Multi-race Phythophthora resistance (Rps1k)
- Very good SDS field tolerance

DB3519RR^{TM*} 3.5

- Multi-race Phythophthora resistance (Rps1k)
- Very good SCN race 3 resistance
- Outstanding frogeye leaf spot tolerance
- Very good soybean aphid antibiosis
- Excellent harvest standability
- Excellent shattering resistance

DB3809RR^{TM*} 3.8

- Performs best in good moisture- holding soils
- Excellent emergence
- Excellent harvest standability
- Multi-race Phythophthora resistance(Rps1k)
- Very good SCN race 3 resistance
- Very good SDS field tolerance

DB3909RR^{TM*} 3.9

- Well adapted to stress environments
- Excellent field emergence
- Outstanding harvest standability
- Excellent shattering resistance
- Very good SCN race 3 resistance
- Good Phythophthora field tolerance
- Very good SDS field tolerance

DB4409RR^{TM*} 4.4

- Multi-race Phythophthora resistance (Rps1k)
- Very good SCN race 3 resistance
- Good SDS field tolerance: 6
- Above average blight tolerance
- Very good soybean aphid antibiosis
- Moderate tol. to charcoal rot/drought
- Excellent shattering resistance

DB5409RR^{TM*} 5.4

- Multi-race Phythophthora resistance (Rps1k)
- Good Phythophthora field tolerance
- Very good SDS field tolerance
- Very good southern stem canker field tolerance
- Moderate tolerance to the charcoal rot/drought complex
- Excellent field emergence
- May need foliar fungicide for frogeye leaf spot

characteristics

RPM [®] BRAND [*]	GROUP MAT.	HERB. RESIST.	FIELD EMERG.	STANDABILITY	SHATTERING	HEIGHT / MAT.	HYPOCOTYL L.	PLANT TYPE	SEED PROTEIN (% @ 13% H2O)	SEED OIL (% @ 13% H2O)	FLOWER COLOR	PUBESCENCE C.	HILA COLOR	POD COLOR	PHYTHOPHTHORA RESIST. GENE	PRR FIELD TOL.	WHITE MOLD	SDS	SCN SOURCE	SCN RESIST.	FROGEYE L.S.
DB1509RR ^{TM*}	1.5	RR	8	8	7	4	L	SB	33.8	19.6	P	L	BR	BR	1K	Y	4	3	-	-	-
DB1809RR ^{TM*}	1.8	RR	8	8	8	6	L	SB	32.7	19.8	P	LT	BL	BR	1K	Y	4	5	PEKING	H	7
DB2309RR ^{TM*}	2.3	RR	7	7	8	5	L	SB	-	-	P	T	BL	BR	1K	Y	3	2	PEKING	H	6
DB2809RR ^{TM*}	2.8	RR	7	9	8	4	L	SB	34.6	19.2	W	LT	BL	BR	1K	Y	4	5	-	-	7
DB3009RR ^{TM*}	3.0	RR	7	7	8	6	L	SB	33.9	18.6	P	LT	BL	TN	-	Y	5	6	PI88788	R	5
DB3309RR ^{TM*}	3.3	RR	7	7	7	8	L	SB	33.4	19.1	W	LT	BL	TN	1K	Y	4	6	PI88788	H	6
DB3509RR ^{TM*}	3.5	RR	8	7	-	6	L	SB	33.7	19.0	W	LT	BR	BR	1K	Y	-	7	PI88788	R	9
DB3519RR ^{TM*}	3.5	RR	7	8	8	6	L	SB	34.9	18.7	W	LT	BL	BR	1K	Y	-	5	PI88788	R	7
DB3809RR ^{TM*}	3.8	RR	8	9	6	4	L	SB	-	-	P	LT	BL	TN	1K	Y	-	7	PI88788	R	9
DB3909RR ^{TM*}	3.9	RR	9	8	8	7	L	SB	34.7	19.0	W	LT	BR	BR	-	Y	-	7	PI88788	R	7
DB4409RR ^{TM*}	4.4	RR	8	7	8	6	L	SB	33.8	19.6	W	L	BL	BR	1K	Y	-	6	PI88788	R	-
DB5409RR ^{TM*}	5.4	RR	9	-	-	7	L	SB	37.4	18.2	P	B	IB	TN	1C	Y	-	7	-	-	2

NUMERIC RATINGS: 9 = excellent to 1 = poor; a dash (-) indicates insufficient data, or variety not tested for that particular trait

FIELD EMERGENCE: Rating based on speed and strength of emergence. 7-9 = excellent; 4-6 = average; 1-3 = below average

HYPOCOTYL LENGTH (ratings based on relative length of hypocotyls, which is the portion of the seedling between the cotyledons and the root): S = short; M = medium; L = long

PLANT TYPE: I = intermediate; B = bushy; SB = semi-bushy

FLOWER COLOR: W = white; P = purple; X = segregated

PUBESCENCE COLOR: LT = light tawny; T = tawny; G = gray

HILUM COLOR: BL = black; IB = imperfect black; BG = black to gray due to environmental fade; BR = brown

POD COLOR: BR = brown; TN = tan
SCN (Soybean Cyst Nematode) RESISTANCE: L = low; M = moderate; R = resistant; H = high

key

PHYTHOPHTHORA RESISTANCE GENE: (-) = no specific gene for resistance. 1k = provides resistance to races 1-11, 13-15, 17, 18, 21-24, 26, 36, 37.

PHYTHOPHTHORA ROOT ROT (PRR) FIELD TOLERANCE: Y = tolerates presence of moderate PRR activity; N = will not tolerate PRR

WHITE MOLD: Scores based on RPMTM research observations of comparative white mold tolerance among various soybean varieties across multiple locations and years. All varieties are capable of developing white mold symptoms under severe infestations. To our knowledge, there are no totally resistant varieties in the industry. However, differences exist in the ability of varieties to tolerate white mold (i.e. the rate at which the infection develops and the extent of damage it causes). These scores reflect those differences.

SDS, FROGEYE, SCN: 9=excellent resistance; 8-7= very good resistance; 6= good resistance; 5= average resistance; 4= below average resistance; 3-2 = susceptible; 1=highly susceptible

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DOEBLER'S

75 years

"Your Regional Advantage"