Latham® SEEDS

TECH INFO

LATHAM L2158R

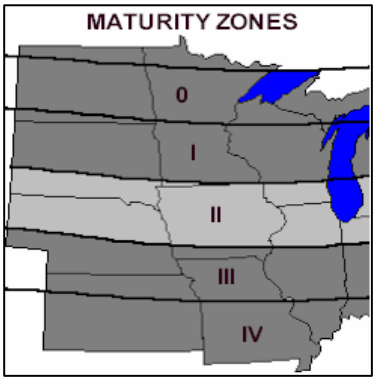
NEW!

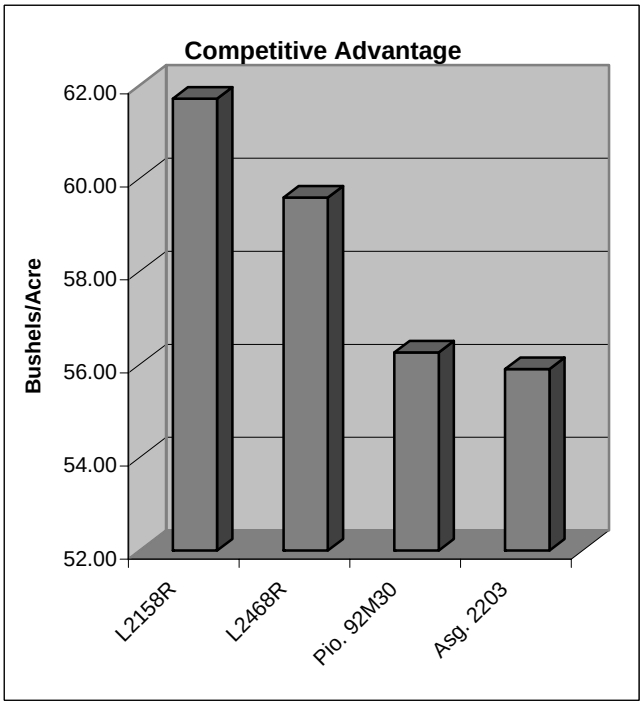
Brand Soybeans

Released 2007

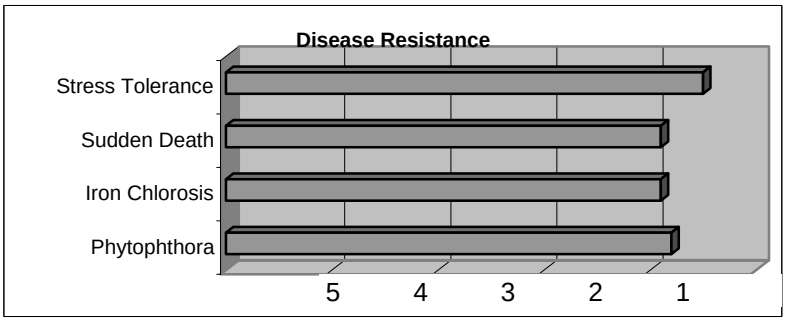
Top Qualities

- Early Group II
- PI 88788 gene for SCN
- K-gene for Phytophthora
- Great Iron Chlorosis Tolerance
- Better Yielding Than L2038R
- Very Good against Sudden Death Syndrome





Yield data was obtained from Latham replicated research trials



General Highlights

L2158R is an experimental line that has better yield than L2038R with better Iron Chlorosis tolerance. Excellent early scores against Sudden Death Syndrome.

Characteristics and Disease Resistance:

Maturity:	2.1	Phytophthora Resistance:	1k
Flower Color:	Purple	Phytophthora Tolerance:	1.8
Pubescence:	Gray	Iron Chlorosis:	1.9
Pod Color:	Brown	Brown Stem Rot:	N/A
Hilum Color:	Imp. Black	White Mold Tolerance:	N/A
Plant Height:	Medium	Sudden Death Syndrome:	1.7
Plant Type:	Medium-Bush	Stress Tolerance:	1.5
Emergence:	1.2	Shatter Resistance:	N/A
Standability:	1.6	Row Width:	All
Soil Type:	All	No-till Suitability:	1.9
Protein Content:	3.0	SCN Gene Resistance:	PI88788
Oil Content:	2.5	SCN Tolerance Rating:	2.1

Roundup Ready® SOYBEANS

Research and Development

Yield in Bushels Per Acre: Each location represents a 3-replication test.
Latham Seed Company operates one of the largest and most comprehensive soybean research farms in the upper Midwest.

2006 Research Trials

		L2158R	L2468R	L2038R	Pio. 92M30	Asg. 2203
Alexander, IA	Low SCN	67.23	68.02	66.54	64.02	66.38
Paullina, IA	No SCN	61.49	59.06	54.92	56.03	54.94
Whittemore, IA	Mod SCN	75.59	64.79	70.40	62.37	65.10
Truman, MN	Low SCN	49.38	46.37	47.90	47.94	46.04
Janesville, WI	No SCN	54.87	59.70	50.83	50.93	47.03
5 Location Average		**61.71**	**59.59**	**58.12**	**56.26**	**55.90**

Yield Results From Farmer Superstrip Test Plots

2006 "Superstrip" Dealer Strip Trials

	L2158R	L2038R	E2283R	L2468R	688RRN
Humboldt, IA	57.70	55.60	53.70	51.40	53.40
Geneva, IA	70.10	71.20	60.80	54.80	56.10
Cylinder, IA	63.10	59.10	58.70	59.90	60.90
Grand Junction, IA	64.70	64.50	60.00	55.60	59.40
Rake, IA	74.00	64.10	64.50	68.70	68.40
Colo, IA	51.80	45.90	51.30	50.50	48.40
Randall, IA	55.80	57.30	56.70	56.00	53.90
Pocahontas, IA	54.20	57.00	55.40	53.40	52.00
Vincent, IA	59.70	60.40	58.50	59.10	58.70
Elk Point, SD					
Union Grove, WI	70.90	55.60	56.30	62.40	49.50
11 Location Ave.	**62.20**	**59.07**	**57.59**	**57.18**	**56.07**

Positioning and Management

This new soybean is one of the most exciting lines we've seen since the advent of L2038R. It is an excellent companion to L2038R and will partner with it to dominate the RR/SCN market! It carries the PI 88788 gene for SCN resistance and the Rps1-K gene for Phytophthora resistance. With the uncertainty of the White Mold tolerance, be careful in putting the L2158R in fields with a history of that disease.

Technical Information

1. All Rating Scales are 1 to 5; (1 = Excellent, 5 = Poor)
2. Phytophthora Root Rot Race Resistance. Resistant varieties carry the major gene reported to be resistant to these races:

Rps1-a:	1,2,10,11,13,15-18,24,26,27
Rps1-c:	1-3,6-11,13,15,17,21,23,24,26
Rps1-k:	1-11,13-15,17,18,21,22,24,26
Rps3:	1-5,8,9,11,13,14,16,18,23,25
Rps6:	1-4,10,12,14-16,18-21,25

3. Phytophthora Field Tolerance: Although not race specific resistance, this offers general protection against serious infection.
4. Soybean Cyst Nematode Resistance - Varieties containing these genes are resistant to the following races of Soybean Cyst Nematode:

CystX	All known races
PI88788	3,6,8,9,10,12,13,14
Peking	1,3,5,6,7,8,10,15

Dec-06