

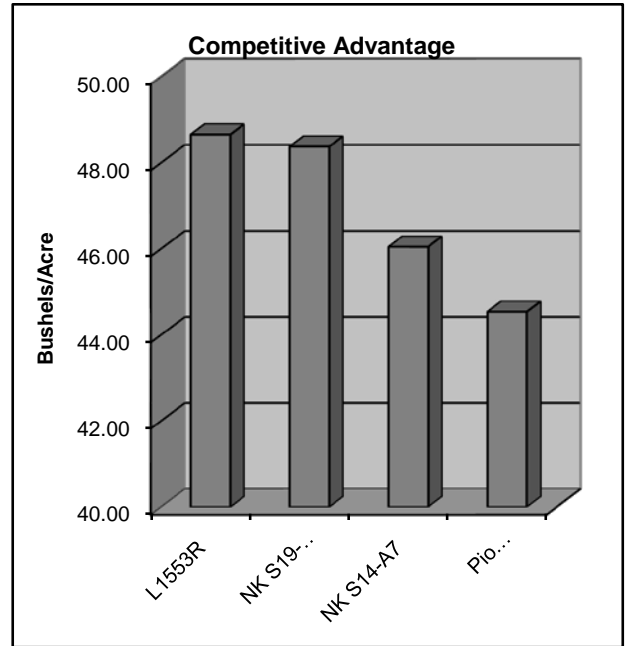
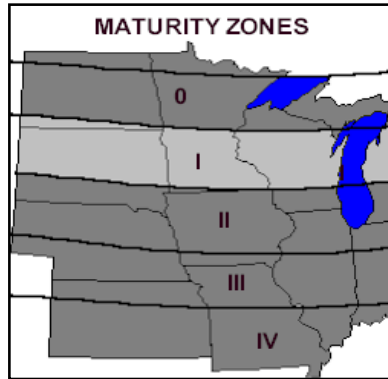
LATHAM L1553R

Brand Soybeans

Released 2006

Top Qualities

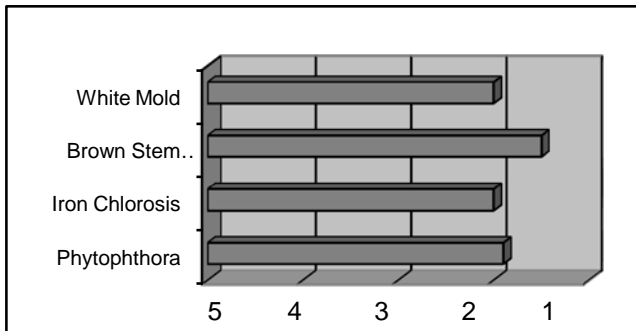
- Mid Group I
- Great Emergence
- Very Attractive
- Good Iron Chlorosis Tolerance
- Rps1-K gene for Phytophthora Resistance
- Very Good SDS Tolerance



Yield data was obtained from replicated research trials

General Highlights

L1553R is a tough line with high yield potential for Western Minnesota, South Dakota and some areas of Wisconsin. Moderately resistant to Brown Stem Rot.



Characteristics and Disease Resistance:

Maturity:	1.5	Phytophthora Resistance:	Rps1-k
Flower Color:	Purple	Phytophthora Tolerance:	1.9
Pubescence:	Lt. Tawny	Iron Chlorosis:	2.0
Pod Color:	Tan	Brown Stem Rot:	1.5
Hilum Color:	Black	White Mold Tolerance:	2.0
Plant Height:	Medium Tall	Sudden Death Syndrome:	2.1
Plant Type:	Medium	Stress Tolerance:	1.8
Emergence:	1.5	Shatter Resistance:	N/A
Standability:	1.7	Row Width:	All
Soil Type:	All	No-till Suitability:	1.9
Protein Content:	N/A	SCN Gene Resistance:	----
Oil Content:	N/A	SCN Tolerance Rating:	----



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 programs in the upper Midwest.

2007 Research Trials

	L1553R	E1538R	NK S19-R5	NK S14-A7	Pio. 91M51
Alexander, IA	52.63	53.39	54.32	52.27	50.75
Corwith, IA	39.69	40.96	40.11	39.48	35.22
Whittemore, IA	20.43	34.00	25.15	20.93	24.19
Bird Island, MN	42.97	54.20	49.45	41.61	47.44
Franklin, MN	52.27	52.33	46.03	42.63	41.30
Truman, MN	56.50	52.58	51.15	52.36	44.39
Brookings, SD	65.95	55.97	58.49	63.68	52.08
Janesville, WI	58.80	61.75	62.30	55.40	60.90
All Location Avg.	48.66	50.65	48.38	46.05	44.53

Yield Results From Farmer Superstrip Test Plots

2007 "Superstrip" Dealer Strip Trials

	L1553R	E1538R	E1738R	L1838R	L1950R
Rubicon, WI	63.20	59.00	63.40	63.30	62.90
Chilton, WI	39.20	44.00	48.50	41.30	49.20
Durand, WI	36.90	36.70	30.60	34.60	33.70
Winona, MN	53.80	48.20	56.80	50.20	49.70
St. Charles, MN	56.70	55.70	47.40	51.40	57.50
Mt. Lake, MN	31.50	47.70	47.10	47.50	39.10
Sleepy Eye, MN	49.80	62.20	61.00	64.10	57.40
Sanborn, MN	35.20	49.90	58.40	59.10	48.50
Renville, MN	52.20	52.20	52.70	56.80	56.30
Hanska, MN	51.90	56.90	55.90	56.50	52.80
Pipestone, MN	66.10	69.30	64.70	68.90	64.80
Riceville, IA	49.70	53.10	53.40	52.90	50.30
12 Location Ave.	48.85	52.91	53.33	53.88	51.85

Positioning and Management

Latham L1553R is a popular line with great yield potential in its maturity. This is a tough soybean that has resistance to Phytophthora and moderate resistance to Brown Stem Rot. Works well in areas with Iron Chlorosis problems.

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