

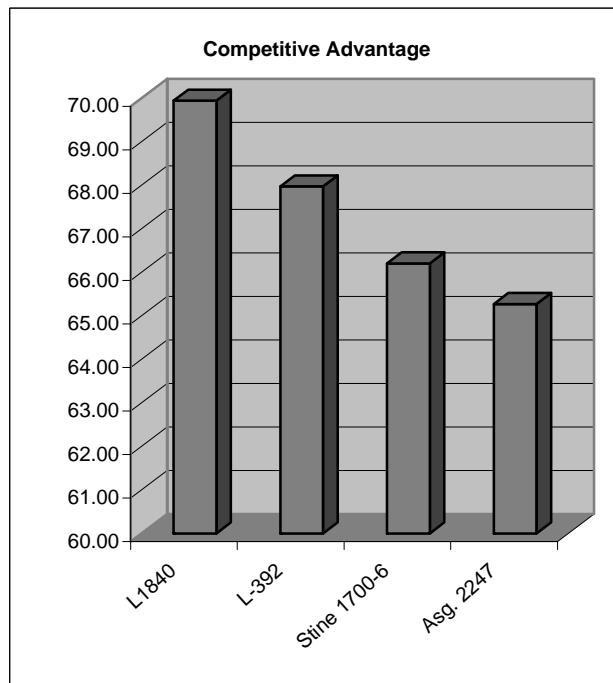
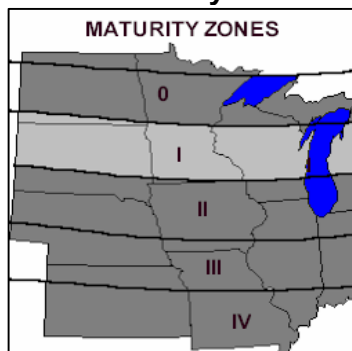
Latham L1840

Released 2004

Top Qualities

- Late Group I
- Stress Tolerant
- Racehorse Type Variety
- Superior Against Brown Stem Rot
- Excellent Phytophthora Tolerance
- Tolerant to STS herbicides!

Brand Soybeans

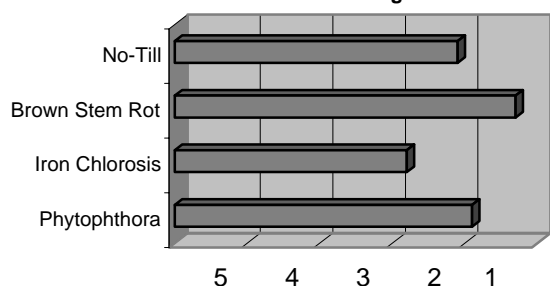


Yield data was obtained from Latham replicated research trials

General Highlights

L1840 is a Latham line that is a 1.8 maturity and does extremely well against brown stem rot. It had terrific yields in 2004 under adverse conditions and in 2005 under optimum conditions.

Disease Resistance Ratings



Variety Characteristics and Disease Resistance:

Maturity:	1.8	Phytophthora Resistance:	----
Flower Color:	White	Phytophthora Tolerance:	1.9
Pubescence:	Lt. Tawny	Iron Chlorosis:	2.8
Pod Color:	Brown	Brown Stem Rot:	1.3
Hilum Color:	Black	White Mold Tolerance:	2.4
Plant Height:	Medium	Sudden Death Syndrome:	2.9
Plant Type:	Medium	Stress Tolerance:	1.7
Emergence:	1.9	Shatter Resistance:	1.3
Standability:	1.4	Row Width:	All
Soil Type:	All	No-till Suitability:	2.1
Protein Content:	3.0	SCN Gene Resistance:	N/A
Oil Content:	2.5	SCN Tolerance Rating:	N/A

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.

2005 Research Trials

	Latham L1840	L1763	L-392	Stine 1700-6	Asg. 2247
Alexander, IA	71.31	65.37	70.71	70.17	71.07
Fort Dodge, IA	68.57	70.90	65.23	62.23	59.47
All Location Ave.	69.94	68.14	67.97	66.20	65.27

Yield Results From Farmer Superstrip Test Plots

2005 "Superstrip" Dealer Strip Trials

	L1840	L1763	E1930	L-392	L2380
West Bend, WI	67.10	58.80	61.10	62.80	55.30
Darlington, WI	55.00	50.50	45.40	50.00	54.10
Winona, MN	48.85	43.53	46.52	43.22	48.00
Sanborn, MN	63.80	64.30	59.30	62.70	60.40
Pipestone, MN	70.80	67.10	68.00	66.20	70.70
Osage, IA	65.50	68.90	66.80	68.50	66.20
Allison, IA	51.50	54.40	50.50	54.60	55.00
Whittemore, IA	58.90	57.50	62.10	66.00	68.20
All Location Ave.	60.18	58.13	57.47	59.25	59.74

Positioning and Management

Latham L1840 is a conventional variety that has shown great performance in the group I zone in the upper midwest. It has an all-around good defensive package including STS tolerance which means it will show less crop injury than other soybean varieties when treated with conventional STS herbicides.

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

Aug 06