

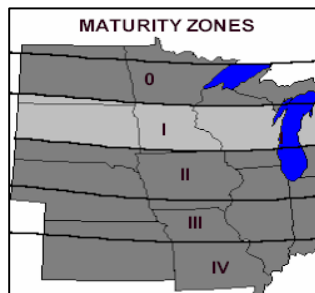
Latham L1401RX

Brand Soybeans

Released 2005

Top Qualities

- NEW Early CystX Line!
- Great Emergence
- Attractive Plant Type
- Works Well On All Soil Types
- Medium-tall Plant That Stands Very Well
- Good Tolerance To Phytophthora Root Rot
- The **BEST** SCN Resistance



Positioning and Management

Latham L1401RX could be the answer to many prayers from farmers in the northern areas who have been plagued by Soybean Cyst Nematodes! We will be evaluating this exciting new line in 2005 for many defensive characteristics including Iron Chlorosis. It is a medium-tall soybean that works well on all soil types and all row widths. It handles stress well and has a beautiful field appearance!

General Highlights

Latham L1401RX is our earliest maturing CystX offering. It has the best Cyst resistance available with good field tolerance to Phytophthora and Sudden Death Syndrome.



Characteristics and Disease Resistance:

Maturity:	1.4	Phytophthora Resistance:	----
Flower Color:	White	Phytophthora Tolerance:	2.4
Pubescence:	Tawny	Iron Chlorosis:	2.8
Pod Color:	Brown	Brown Stem Rot:	N/A
Hilum Color:	Black	White Mold Tolerance:	N/A
Plant Height:	Medium Tall	Sudden Death Syndrome:	1.5
Plant Type:	Medium	Stress Tolerance:	1.5
Emergence:	1.5	Shatter Resistance:	N/A
Standability:	1.6	Row Width:	All
Soil Type:	All	No-till Suitability:	2.2
Protein Content:	N/A	SCN Gene Resistance:	CystX
Oil Content:	N/A	SCN Tolerance Rating:	1.6



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

	L1401RX	L1338R	L1711RX	L1783R	L1838R
Alexander, IA	55.20	61.10	56.54	66.22	69.26
Comfrey, MN	51.22	54.66	56.18	60.47	69.70
Cylinder, IA	48.48	49.53	54.57	60.62	68.51
Whittemore, IA	44.24	43.89	47.36	57.61	50.00
Janesville, WI	51.22	54.66	56.18	60.75	69.70
Franklin, MN	52.90	56.85	53.55	62.10	74.75
All Location Ave.	50.54	53.45	54.06	61.30	66.99

Yield Results From Farmer Superstrip Test Plots

2005 "Superstrip" Dealer Strip Trials

	L1338R	L1401RX	L1711RX	L1783R	L1838R
Hendricks MN	43.80	40.80	42.50	50.90	57.10
SleepyEye MN	53.80	44.60	42.60	56.00	62.80
Sanborn MN	47.90	50.40	49.70	52.70	58.60
Madelia MN	55.10	48.00	45.40	49.80	65.60
Mt. Lake MN	43.80	43.60	46.30	50.00	55.10
West Bend WI	37.50	37.60	34.70	41.20	45.30
All Location Ave.	46.98	44.17	43.53	50.10	57.42

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