

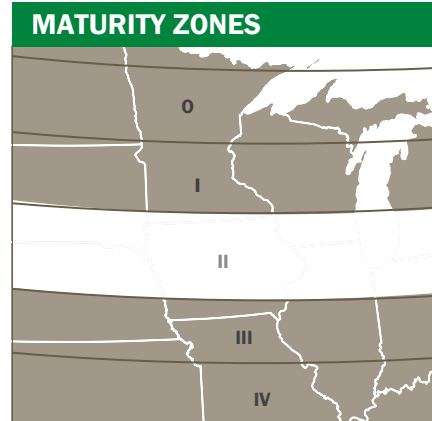
L2084R2



TECH INFO SUMMARY

POSITIONING AND MANAGEMENT

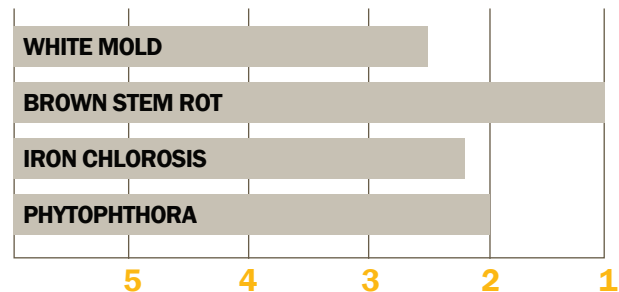
Latham L2084R2 is a new line with the Roundup-Ready 2 Yield trait. It carries the K-gene for Phytophthora as well as resistance to Brown Stem Rot. White Mold and Iron Chlorosis scores are good. The SCN resistance is from PI 88788. This line is derived from L2085R and out-yielded it in 2009 by 2.5 bu/A.



TOP QUALITIES

Early Group II
One parent is Latham 2085R
Very good iron chlorosis tolerance
K-gene for phytophthora resistance
SCN resistance from PI 88788
Resistant to BSR

DISEASE TOLERANCE RATINGS



OVERALL CHARACTERISTICS

Maturity	2.0	Phytophthora Resistance	Rps1-k
Flower Color	Purple	Phytophthora Tolerance	2.0
Pubescence	Light Tawny	Iron Chlorosis	2.2
Pod Color	Brown	Brown Stem Rot	1.0
Hilium Color	Black	White Mold Tolerance	2.5
Plant Height	Medium-Tall	Sudden Death Syndrome	N/A
Plant Type	Medium	Stress Tolerance	1.8
Emergence	1.4	Shatter Resistance	1.3
Standability	1.8	No-till Suitability	2.0
Soil Type	All	SCN Gene Resistance	PI 88788
Row Width	All	SCN Tolerance Rating	2.2

Technical Information

- All Rating Scales are 1 to 5; (1 = Excellent, 5 = Poor)
- Phytophthora Root Rot Race Resistance. Resistant varieties carry the major gene reported to be resistant to these races:
 Rps1-a: 1, 2, 10, 11, 12, 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
- Phytophthora Field Tolerance: Although not race specific resistance, this offers general protection against serious infection.
- 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

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