

L3148R2



SOYBEAN TECH INFO SUMMARY

POSITIONING AND MANAGEMENT

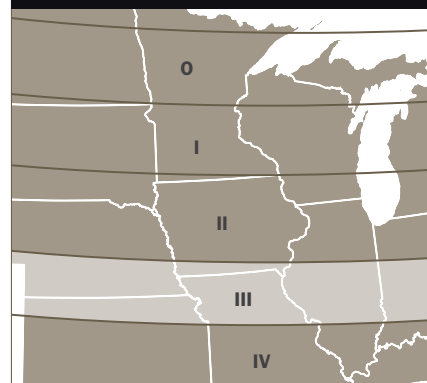
The Latham L3148R2 is a 2nd generation Roundup Ready 2 Yield soybean line. It carries the Rps1-c gene for Phytophthora and has very good tolerance to Brown Stem Rot and Sudden Death Syndrome. SCN resistance is from the PI 88788 gene. It is ideally suited for the "prairie soils" of the upper midwest and responds well to irrigation.



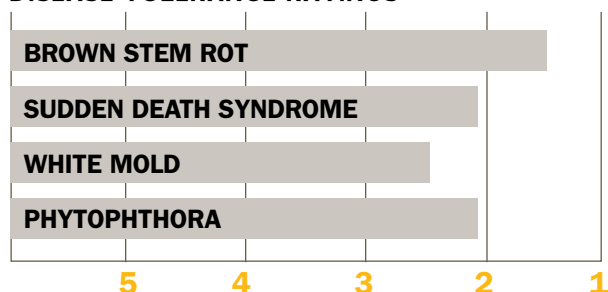
TOP QUALITIES

- Early Group III
- Roundup Ready 2 Yield™
- Excellent tolerance to Brown Stem Rot
- Very good on Sudden Death Syndrome
- C-gene for Phytophthora Resistance
- SCN Resistance from PI 88788

MATURITY ZONES



DISEASE TOLERANCE RATINGS



OVERALL CHARACTERISTICS

| | | | |
|------------------------|------------------------|--------------------------------|-----------------|
| Maturity | 3.1 | Phytophthora Resistance | Rps1-c |
| Flower Color | Purple | Phytophthora Tolerance | 2.1 |
| Pubescence | Gray | Iron Chlorosis | 2.6 |
| Pod Color | Brown | Brown Stem Rot | 1.5 |
| Hilium Color | Imperfect Black | White Mold Tolerance | 2.5 |
| Plant Height | Medium-Tall | Sudden Death Syndrome | 2.1 |
| Plant Type | Medium | Stress Tolerance | 1.8 |
| Emergence | 1.4 | Shatter Resistance | 1.7 |
| Standability | 1.8 | Row Width | All |
| Soil Type | All | No-till Suitability | 1.8 |
| Protein Content | N/A | SCN Gene Resistance | PI 88788 |
| Oil Content | N/A | 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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HI-TECH SEEDS