

# L2875R

## SOYBEAN TECH INFO SUMMARY

### POSITIONING AND MANAGEMENT

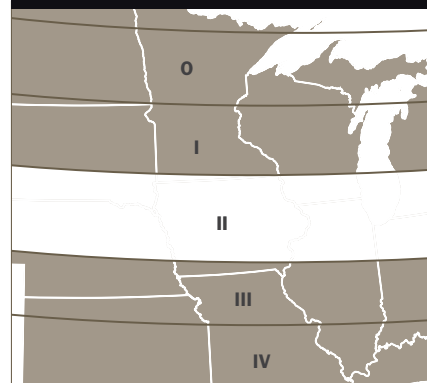
Latham L2875R is a soybean that carries an excellent defensive package. It has very good tolerance to Sudden Death Syndrome and Iron Chlorosis along with the K gene for Phytophthora. It is a true sister line to an older soybean — L2646R. This line performs well on heavy soils and under irrigation. It does carry some field tolerance to Soybean Cyst Nematode but does not have a resistance gene.



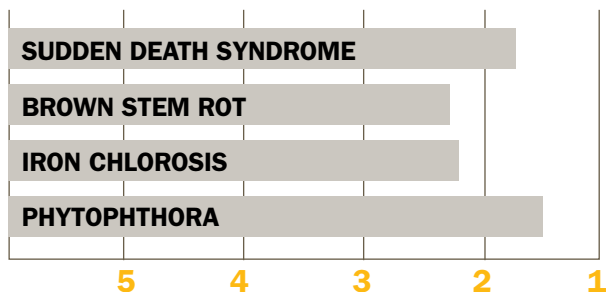
### TOP QUALITIES

- Late Group II
- Good Brown Stem Rot tolerance
- Strong against IDC
- Some field tolerance to SCN
- Very good against Sudden Death Syndrome
- Rps1-k gene for Phytophthora Resistance

### MATURITY ZONES



### DISEASE TOLERANCE RATINGS



### OVERALL CHARACTERISTICS

<b>Maturity</b>	<b>2.8</b>	<b>Phytophthora Resistance</b>	<b>Rps1-k</b>
<b>Flower Color</b>	<b>White</b>	<b>Phytophthora Tolerance</b>	<b>1.5</b>
<b>Pubescence</b>	<b>Lt. Tawny</b>	<b>Iron Chlorosis</b>	<b>2.2</b>
<b>Pod Color</b>	<b>Brown</b>	<b>Brown Stem Rot</b>	<b>2.3</b>
<b>Hilium Color</b>	<b>Black</b>	<b>White Mold Tolerance</b>	<b>2.6</b>
<b>Plant Height</b>	<b>Medium</b>	<b>Sudden Death Syndrome</b>	<b>1.7</b>
<b>Plant Type</b>	<b>Medium</b>	<b>Stress Tolerance</b>	<b>1.6</b>
<b>Emergence</b>	<b>1.8</b>	<b>Shatter Resistance</b>	<b>N/A</b>
<b>Standability</b>	<b>1.5</b>	<b>Row Width</b>	<b>All</b>
<b>Soil Type</b>	<b>All</b>	<b>No-till Suitability</b>	<b>1.8</b>
<b>Protein Content</b>	<b>3.0</b>	<b>SCN Gene Resistance</b>	<b>None</b>
<b>Oil Content</b>	<b>3.0</b>	<b>SCN Tolerance Rating</b>	<b>3.1</b>

#### 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, 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

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

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HI-TECH SEEDS