

# 3451LS™

4.5 RM



- Strong stem canker score
- Excellent on wet soils
- LL/STS stacked
- Excellent choice for double crop acres
- Rps1k with good Phytophthora field tolerance
- Moderate populations preferred

## POSITIONING AND MANAGEMENT

<b>M</b> Plant Height	<b>Med</b> Canopy Width	<b>P</b> Flower Color
<b>LT</b> Pubesc. Color	<b>BR</b> Pod Color	<b>BL</b> Hilum Color
<b>PI88788</b> SCN	<b>Rps1k</b> PRR Resistance	<b>2900-3100</b> Average Seed Size (Seeds per pound)
<b>Brown Stem Rot</b>		

### RATINGS KEY: 9 = OUTSTANDING 1 = POOR

- 9 Best-in-class performance in a given situation or growing environment
- 7-8 Good to very good adaptability to a given situation or growing environment
- 5-6 Average to slightly above average adaptability to a given situation or growing environment
- 1-4 Avoid using a product in a given situation or growing environment
- NA Rating not available

### ABBREVIATIONS

- BSR = Brown Stem Rot
- IDC = Iron Deficiency Chlorosis
- PRR = Phytophthora Field Tolerance
- SCN = Soybean Cyst Nematode
- SDS = Sudden Death Syndrome

### PHYTOPHTHORA ROOT ROT RESISTANCE\*

- Rps1a: races 1, 2, 10, 11, 13-18, 24
- Rps1c: races 1-3, 6-11, 13, 15, 17, 21, 23, 24
- Rps1k: races 1-11, 13-15, 17, 18, 22, 24
- Rps3: races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25

NG = No gene

\* Varieties not carrying a major Phytophthora gene may still contain adequate field tolerance to protect against major infection

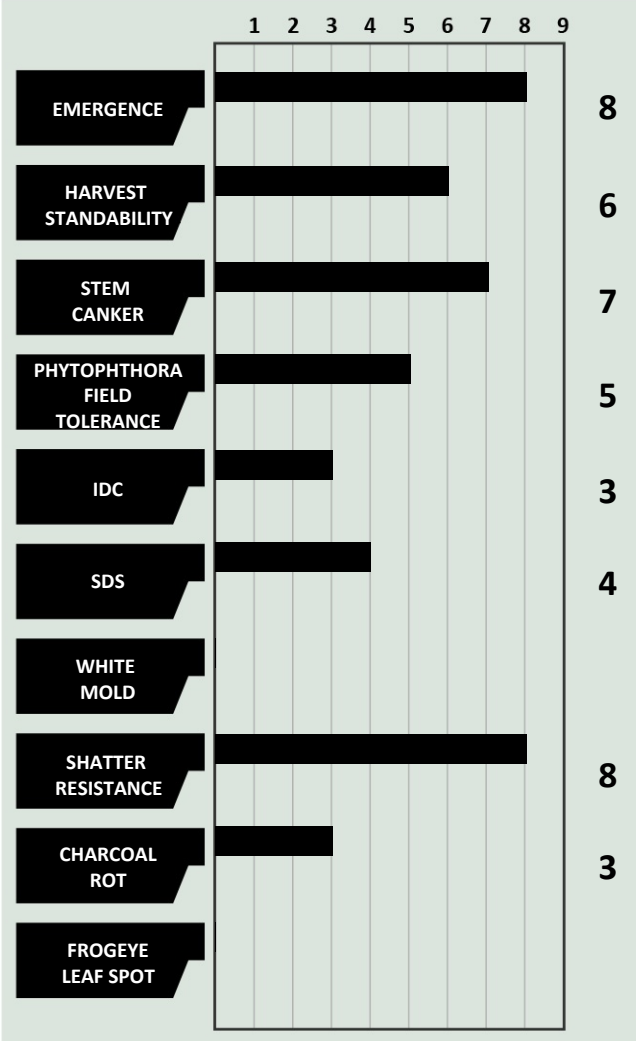
### CANOPY WIDTH:

- T = Thin
- M = Medium
- B = Bushy
- MB = Medium Bush
- MF = Medium-Full
- MT = Medium-Thin

### PLANT HEIGHT:

- T = Tall
- M = Medium

## AGRONOMICS



NuTech Seed warrants that seed sold by it conforms to the label description on the seed packaging within tolerances established or permitted by law. This warranty excludes and is in lieu of all other warranties, expressed or implied, including any warranty of merchantability or fitness for a particular purpose, which are hereby disclaimed.

Important: Characteristic scores provide key information useful in selecting and managing products in your area. Information and scores are assigned by NuTech Seed and are based on period-of-years testing through 2017 harvest and were the latest available at time of printing. Some scores may change after 2018 harvest. Scores represent an average of performance data across areas of adaptation, multiple growing conditions, and a wide range of both climate and soil types, and may not predict future results. Individual product responses are variable and subject to a variety of environmental, disease and pest pressures. Please use this information as only one component of your product positioning decision.

Always follow grain marketing, stewardship practices and pesticide label directions. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible. DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend® technology unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. IT IS

A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON SOYBEANS WITH Roundup Ready 2 Xtend® technology, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with soybeans with Roundup Ready 2 Xtend® technology.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Soybeans with Roundup Ready 2 Xtend® technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba.

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