



## RATINGS SCALE

- 1.0 Excellent      "—" Insufficient data  
 2.0 Good  
 3.0 Average  
 4.0 Fair  
 5.0 Not Recommended

**Soybean Cyst Nematode (SCN) Resistant:** Varieties containing these genes are resistant to the following races of Soybean Cyst Nematode:

F= PI88788 3,6,8,9,10,12,13,14

P= PI548402 1,3,5,6,7,8,10,15

**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-a: 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25

Rps6: 1-4, 10, 12, 14-16, 18-21, 25

**Brown Stem Rot:** NG = No Gene

**Plant Height:** M = Medium, MT = Medium Tall, T = Tall

**Plant Type:** M = Medium, MB = Medium Bush, B = Bush

**Colors:** BF = Buff, BL = Black, BR = Brown, G = Gray,

IB = Imperfect Black, P = Purple, W = White

## POSITIONING & MANAGEMENT

L2049 E3 was tested for the first time in our 2020 Superstrip plots. In 2019 breeder plots, it showed very good performance against competitive checks and finished strong in a very difficult year. The plant is medium in height with a good amount of lateral branching. The defensive package is solid featuring SCN tolerance from PI 88788, the K-gene for Phytophthora, full Brown Stem Rot resistance and good scores for White Mold, Iron Chlorosis and Charcoal Rot.



Highly Productive & Irrigated Fields	X
Moderately Productive/Average Fields	X
Less Productive/Stressed Fields	X

## SOYBEAN ADVANTAGES

- Yield king in this maturity
- Rps1-k gene for Phytophthora
- Brown Stem Rot resistance; SCN resistance
- Good scores for White Mold, SDS, IDC and Charcoal Rot

## PLANT CHARACTERISTICS

Standability	2.0	Pubescence Color	G
Plant Height	M+	Pod Color	BR
Plant Type	M	Hilum Color	IB
Flower Color	P		

## DISEASE CHARACTERISTICS

Phytophthora Root Rot	K, 2.3	Sudden Death	2.5
Brown Stem Rot	1.0	Frogeye	
White Mold	2.3	Charcoal Rot	2.5

## DEFENSIVE RATINGS

SCN Resistance	F, 2.2
Iron Chlorosis	3.0
Stress Tolerance	2.3

## PLACEMENT

Preferred Row Spacing	All
Soil Type	All
No-Till Rating	2.0

