

S14-15138GT Line Profile

Key Features

Late Group IV (RM 4.8) Roundup Ready 1
Tolerant to sulfonylurea herbicides (STS)
Excellent performance across soil types
Moderately resistant to SCN races 3 and 14
Resistant to stem canker, SDS, and frogeye leaf spot

Agronomic Traits

Growth Habit- Indeterminate
Relative Maturity- 4.8
Flower Color- White
Pubescence Color- Tawny
Pod Wall Color- Tan
Hila Color- Black
Height- 35 inches
Lodging Score- 2.2
Seed per lb.- 3000
Seed luster- Intermediate

Disease Ratings

Phytophthora Rot- Field tolerant
SCN- Mod. Resistant races 3, 14
SDS- Resistant
Stem Canker- Resistant
Frogeye Leaf spot- Resistant
Root Knot- Susceptible
Protein % - 35.8
Oil % - 19.2
Chloride- Includer
RR/Conventional- RR1/STS

Three Year Means of S14-15138GT for Yield (Bu/A) versus two Asgrow checks by Soil Type, and over years for Yield, Maturity, Height, & Lodging, Southeast MO, 2015-2017

<u>Variety</u>	<u>Loam</u>	<u>Clay</u>	<u>Sand</u>	<u>3 Year Mean YLD</u>	<u>Maturity</u>	<u>Height Inches</u>	<u>Lodging Score</u>
S14-15138GT	69.2	67.6	39.2	65.8	9/29	35	2.6
AG 4835	69.9	67.2	23.7	66.8	9/30	40	2.6
AG 4632*	70.8	69.7	45.2	68.2	9/27	39	2.6
# Locations	6	5	1	12	7	5	5

*Check was AG5335 in 2015 and AG 46X7 in 2017

Performance of S14-15138GT versus two checks in the Regional Uniform Trial IV-Late Test-Southern States (2017) over 13 sites

<u>Variety</u>	<u>Yld Bu/A</u>	<u>Maturity</u>	<u>Height</u>	<u>Lodging</u>
S14-15138GT	61.4	9/27	33	1.8
AG 4632RR2Y	63.5	9/24	36	2.1
AG 4835	60.8	9/27	36	1.7