

AGS GS51X18S SOYBEANS

RM: 5.1



POSITIONING

- Good defensive package
- Over-the-top options with Roundup Ready 2 Xtend®
- STS Tolerant
- Indeterminate MG 5.1

PLANT & AGRONOMIC CHARACTERISTICS

Trait	Roundup 2 Xtend
Relative Maturity	5.1
Emergence	Good
Lodging	Good
Shatter Resistance	Good
Plant Height	Medium Tall
Plant Type	Medium Bush
Growth Habit	Indeterminate
Flower Color	Purple
Pubescence	Gray
Pod Color	Tan
Hilum Color	Imperfect Black
Chloride	-

DISEASE & PEST

Iron Deficiency Chlorosis	7
Phytophthora Race	-
Phytophthora Field Tolerance	-
Brown Stem Rot	-
Sclerotinia White Mold	-
Sudden Death Syndrome (SDS)	5
Soybean Cyst Nematode	2
Frogeye Leaf Spot	7
Stem Canker	9
Root Knot Nematode:	3
<i>Southern</i>	-
<i>Peanut</i>	-
<i>Javanese</i>	-

Rating Scale: 9 = Excellent, 1 = Poor
 - Testing Currently Underway



Seed containing a patented trait can only be used to plant a single commercial crop from which seed cannot be saved and replanted. Examples of seed containing a patented trait include but are not limited to Genuity® Roundup Ready 2 Yield® soybeans, and Roundup Ready 2 Xtend® soybeans. Additional information and limitations on the use of these products are provided in the Monsanto Technology Stewardship Agreement, the Monsanto Technology Use Guide, and 2017 Roundup Ready 2 Xtend® Soybean Technology Use Guide Supplement. U.S. patents for Monsanto technologies can be found at the following webpage: <http://www.monsantotechnology.com>

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Certain products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. **Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to <http://www.biotechstatus.com/> for any updated information on import country approvals.** Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING. IT IS A VIOLATION OF FEDERAL AND STATE LAW to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. XTENDIMAX® HERBICIDE WITH VAPORGRIP® TECHNOLOGY AND IN CROP USES MAY NOT BE APPROVED IN ALL STATES. 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 Roundup Ready 2 Xtend® soybeans.

Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Contact your Monsanto dealer or refer to Monsanto's Technology Use Guide for recommended weed control programs. Roundup Ready® technology contains genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate. Roundup Ready 2 Xtend®, Genuity®, Roundup Ready 2 Yield®, Roundup Ready PLUS®, Roundup®, Roundup Ready®, VaporGrip®, and XtendiMax® are trademarks of Monsanto Technology LLC.

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Think Before You Bin-Run

Verification Required

Most soybeans are still covered by a variety patent, and you will not be able to save and plant the seed from those varieties without a license giving you that added right. Check with your seed supplier before saving.

Higher Seeding Rate

Higher seeding rates may be required for bin-run compared to new branded seed.

Yield Loss

Genuity® Roundup Ready 2 Yield® soybean seed outyielded bin-run Roundup Ready® soybeans by 6.1 bu/A.¹

Cleanout Loss

Loss of seed or shrink occurs during seed cleaning and handling processes for bin-run seed.

Lost Income

Income lost by not selling a bushel of soybeans that is saved for planting the next year.

The higher yielding trait technology of Roundup Ready 2 Yield soybeans showed a 6.1 bushel per acre advantage over original Roundup Ready soybeans.

>6.1

High Value of New Branded Seed

Latest Technology

- Highest yielding soybean technology available
- Six soybean trait products anticipated to come from Monsanto in the next 2-7 years*
- Leading seed treatment options

*Pending regulatory approvals.

¹First year results of 2-year protocol study with independent cooperators across 8 locations examining the yield differences of saved Roundup Ready soybeans versus newly purchased Roundup Ready 2 Yield soybeans.

Customer Service

- Dealer agronomic support before and after the sale
- Replant policy support
- Convenient packaging and delivery

Reliable Germination and Quality

- Rigorously tested for quality and meets US Federal Seed Act requirements
- Free of seed-borne diseases
- Properly stored and conditioned



You're buying more than just seed. You're getting value today and innovation for tomorrow.

COMMITMENT. INNOVATION. PERFORMANCE.

www.beyondtheseed.org

For more information about seed technology, visit ASTA's **Beyond the Seed Program** at www.beyondtheseed.org. ASTA, as a trade industry association, does not endorse products, services or technology of individual companies.

Monsanto receives hundreds of calls and letters nationwide each year about potential seed compliance matters. Anyone with concerns or questions can anonymously call 1-800-768-6387, Option 2.

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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.

ALWAYS READ AND FOLLOW 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. Genuity®, Monsanto and Vine Design®, Roundup Ready 2 Yield®, Roundup Ready®, and Roundup® are registered trademarks of Monsanto Technology LLC. All other trademarks are the property of their respective owners. ©2015 Monsanto Company. 32219 3J8L149893

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