

1619R2X Brand



1.6 Relative Maturity

- **Mid MG1 Roundup Ready Xtend® product with good yield potential and great defensive package**
- **Outstanding PRR package: 1c PRR gene and great field tolerance**
- **Broadly adapted in RM**
- **Strong IDC and good white mold tolerance**

AGRONOMIC CHARACTERISTICS

Plant Type	M
Plant Height	M
Growth Habit	Indeterminate
Standability	2
Flower Color	P
Hilum Color	lb
Pubescence Color	G
Pod Color	Br

DISEASE TOLERANCE

Brown Stem Rot	-
Southern Stem Canker	-
Frogeye Leaf Spot	-
Southern Root Knot (<i>M. incognita</i>)	-
Iron Chlorosis	4
Sudden Death Syndrome	6
White Mold	4
Soybean Cyst Nematode	R3
PRR Gene	1c
PRR Tolerance	3

• As of this printing no dicamba herbicide product has been approved for commercial in-crop use with Roundup Ready 2 Xtend® soybeans.
 • **DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO Roundup Ready 2 Xtend® Soybeans IN 2016 unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application.**

RATINGS KEY



Proven top performers over multiple seasons in diverse agronomic conditions.
All contain the Genuity® Roundup Ready 2 Yield® technology.

Field and weather conditions may vary from area to area. The ratings in the charts are to be used as guidelines only. The limitations of warranty and liability on each bag of seed are part of the terms of sale thereof.

Traits:

CONV = Conventional

RR2Y = Genuity® Roundup Ready 2 Yield®

RR2X = Roundup Ready 2 Xtend™

SR = Sulfonylurea Ready (Sulfonylurea-based Herbicide Tolerance)

VG = Vistive® Gold

Rating System: 1 = Excellent, 9 = Poor, - = data is insufficient at this time, NR = Not Recommended.

Canopy: MT = Medium Thin, M = Medium, MB = Medium-Bush, B = Bush.

Plant Height: MS = Medium Short, M = Medium, MT = Medium Tall, T = Tall.

Flower Color: P = Purple, W = White.

Pubescence Color: G = Gray, Tw = Tawny, Lt Tw = Light Tawny.

Pod Color: Tn = Tan, Br = Brown.

Hilum Color: Bf = Buff, Br = Brown, G = Gray, Bl = Black, Imb = Imperfect Black.

Seed Size: Approximate number of seeds per pound. Seed size will vary due to environmental conditions during the growing season.

Soybean Cyst Nematode: R = Resistant, MR = Moderately Resistant, MS = Moderately Susceptible, Susc. = Susceptible

1 = Race 1

3 = Race 3

14 = Race 14

PRR Gene:

Gene Rps1a Resistance to: Race 1, 2, 10, 11, 13-18, 24

Gene Rps1c Resistance to: Race 1-3, 6-11, 13, 15, 17, 21, 23, 24

Gene Rps1k Resistance to: Race 1-11, 13-15, 17, 18, 22, 24

Gene Rps3a Resistance to: Race 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29 and 31-35

Focus Area: Geographically where best performance potential has been demonstrated:



As of this printing no dicamba herbicide product has been approved for commercial in-crop use with Roundup Ready 2 Xtend™ soybeans. **DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO Roundup Ready 2 Xtend™ soybeans IN 2016 unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. While no in-crop use of dicamba is currently approved, some dicamba products may be labeled for weed control prior to planting a crop and subject to minimum plant back restrictions. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON Roundup Ready 2 Xtend Soybeans, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THAT 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 Roundup Ready 2 Xtend™ Soybeans and follow all pesticide product labeling.**

Roundup Ready 2 Xtend™ soybeans has been approved for cultivation in the U.S. and Canada, and for import in Australia/New Zealand, Colombia, China, Japan, Korea, Mexico, Taiwan, and Vietnam. The single events in this product have been approved for import in the EU. As of February 2, 2016, E.U. stack approval is in the final stage of approval and is expected but not guaranteed to be received in the near future. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals.

Roundup Ready 2 Xtend™ soybeans contains 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. Contact your Monsanto dealer or refer to Monsanto's Technology Use Guide for recommended Roundup Ready® Xtend Crop System weed control programs.

At this time, Vistive® Gold soybeans have received full approval for planting in the United States but have not yet received import approval in certain export markets. While certain export approvals are pending, Vistive® Gold soybeans will be available in limited geographies only to growers who have signed a 2016 Vistive® Gold Soybean Grain Production Grower Agreement and agree to follow the stewardship requirements. Upon receipt of appropriate approvals, Monsanto will inform growers and determine whether the stewardship requirements will need to remain in place.

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. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

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 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. Genuity Design®, Genuity®, Roundup Ready 2 Xtend™, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, SR and Design®, Vistive and Design® and Vistive® are trademarks of Monsanto Technology LLC. All other trademarks are the property of their respective owners.

Channel® and the Arrow Design® and Seedsmanship At Work® are registered trademark of Channel Bio, LLC.

The purchase/bailment/transfer of these seeds conveys no license under said patents to use these seeds or perform any of the methods covered by these patents. A license must first be obtained before these seeds can be used in any way. See your seed dealer to sign a Monsanto Technology/Stewardship Agreement ("MTSA"). Progeny of these seeds cannot be cleaned or used as planting seed or transferred to others for planting. These seeds may only be offered for sale and distribution by authorized seed companies or their dealers. Before opening a bag of seed, be sure you read, understand and accept the stewardship requirements for the biotechnology traits expressed in the seed as set forth in the Monsanto Technology/Stewardship Agreement that you signed. By opening and using the bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.

©2016 Monsanto Company.