2019 Green Valley Corn Varieties

**GV 7962 VT2 Pro RIB**
Consistent yield!
Responds to Fungicide!
Available in Conventional

**NEW! GV 7992 VT2 Pro RIB**
Semi-Determinate ear
Excellent Stay Green
Excels in High - Yield Environments

**GV 8072 VT2 Pro RIB**
Full Flex hybrid!!!
Silage corn option.
Real workhorse hybrid.

**GV 8182 VT2 Pro RIB**
Semi-Flex ear!
28-36K population
Very good drought tolerance!
Best suited for well drained soils!

**GV 8282 VT2 Pro RIB**
Yield! Yield! Yield!
Responds to higher management!
Excellent test weight!
Good stalk ratings!

**GV 8362 VT2 Pro RIB**
Awesome no-till emergence scores!
Go anywhere corn!
Available in conventional

**GV 8365 SS RIB**
SmartStax® version of GV 8362

**NEW! GV 8392 VT2 Pro RIB**
4.4 bu. Over 8362
Widely Adapted hybrid
Excellent Greensnap score
Great Stalks and Roots

**GV 8452 VT2 Pro RIB**
DroughtGard® Hybrid!!!
Consistent yield in wet and dry years!
High yield!
Responds to fungicide.

**GV 8472 VT2 Pro RIB**
Yielding machine!
Place anywhere corn!
Nice fall appearance!
### 2019 Corn Rating

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Maturation</th>
<th>Population</th>
<th>Plant Height</th>
<th>Ear Height</th>
<th>Ear Type</th>
<th>Cob Color</th>
<th>Seeding Vigor</th>
<th>Roots</th>
<th>Stalks</th>
<th>GLS Rating</th>
<th>Common Rust</th>
<th>Stay-Green</th>
<th>Drought Tolerance</th>
<th>Trait Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>7962</td>
<td>109</td>
<td>32-36k</td>
<td>Medium</td>
<td>Medium</td>
<td>Semi-Determinate</td>
<td>Red</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>5</td>
<td>1</td>
<td>4</td>
<td>1</td>
<td>GENVT2PRORIB</td>
</tr>
<tr>
<td>7992</td>
<td>109</td>
<td>32-36k</td>
<td>Medium</td>
<td>Medium</td>
<td>Semi-Determinate</td>
<td>Red</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>GENVT2PRORIB</td>
</tr>
<tr>
<td>8072</td>
<td>110</td>
<td>25-35k</td>
<td>Medium-Tall</td>
<td>Medium-High</td>
<td>Flex</td>
<td>Pink</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>GENVT2PRORIB</td>
</tr>
<tr>
<td>8182</td>
<td>111</td>
<td>28-36k</td>
<td>Medium-Tall</td>
<td>Medium-High</td>
<td>Semi-Flex</td>
<td>Pink</td>
<td>2</td>
<td>4</td>
<td>1</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>GENVT2PRORIB</td>
</tr>
<tr>
<td>8282</td>
<td>112</td>
<td>28-36k</td>
<td>Medium-Tall</td>
<td>Medium</td>
<td>Semi-Flex</td>
<td>Red</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>GENVT2PRORIB</td>
</tr>
<tr>
<td>8392</td>
<td>113</td>
<td>26-36k</td>
<td>Medium-Tall</td>
<td>Medium</td>
<td>Semi-Flex</td>
<td>Red</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>GENVT2PRORIB</td>
</tr>
<tr>
<td>8362</td>
<td>113</td>
<td>28-36k</td>
<td>Medium</td>
<td>Medium</td>
<td>Semi-Flex</td>
<td>Red</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>GENVT2PRORIB</td>
</tr>
<tr>
<td>8452</td>
<td>114</td>
<td>30-36k</td>
<td>Medium</td>
<td>Medium</td>
<td>Semi-Determinate</td>
<td>Red</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>GENDGVT2PRORIB</td>
</tr>
<tr>
<td>8472</td>
<td>114</td>
<td>30-36k</td>
<td>Medium</td>
<td>Medium</td>
<td>Semi-Flex</td>
<td>Red</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>GENVT2PRORIB</td>
</tr>
</tbody>
</table>

### Conventionals

<table>
<thead>
<tr>
<th>Hybrid</th>
<th>Maturation</th>
<th>Population</th>
<th>Plant Height</th>
<th>Ear Height</th>
<th>Ear Type</th>
<th>Cob Color</th>
<th>Seeding Vigor</th>
<th>Roots</th>
<th>Stalks</th>
<th>GLS Rating</th>
<th>Common Rust</th>
<th>Stay-Green</th>
<th>Drought Tolerance</th>
<th>Trait Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>7960</td>
<td>109</td>
<td>32-36k</td>
<td>Medium</td>
<td>Medium</td>
<td>Semi-Determinate</td>
<td>Red</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>5</td>
<td>1</td>
<td>4</td>
<td>1</td>
<td>Conventional</td>
</tr>
<tr>
<td>8360</td>
<td>113</td>
<td>28-36k</td>
<td>Medium</td>
<td>Medium</td>
<td>Semi-Flex</td>
<td>Red</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>1</td>
<td>2</td>
<td>Conventional</td>
</tr>
</tbody>
</table>

VT2PRORIB = VT Double® Pro RIB Complete® Corn Blend  
DGVT2PRORIB = DroughtGard® Hybrids VT Double® Pro RIB Complete®  
SSRIB = SmartStax® RIB Complete® Corn Blend
2019 Green Valley Soybean Varieties

Roundup Ready 2 Xtend®

GV 34X7
High yield potential!
Yield trail winner!
Outstanding emergence

GV 36X7
Yield trial winner!
Excels all over the corn belt!
No soil type restrictions

NEW! GV 38X9
Top Yielding Bean
Light Tawny
Excellent Frog Eye scores!

GV 39X7
Proven parent lines
Stacked with top end yield
Can’t miss bean!

GV 40X8
Very exciting bean!
Great row filling/wide plant type!

GV 42X7
Light Tawny bean!
Responds well to fungicide!
Proven Yielder!

GV 42X8
Excellent defense package!
Good parent lines
Exciting full maturity bean

NEW! GV 42X9
Must Have Variety
Excellent SDS
Great Disease Package

GV 44X7
Great row filler
Stacked with awesome defense package

GV 46X7
Medium Tall bean
Awesome Standability

Conventionals

GV 36C6
Consistent NON-GMO yielder
Grower’s have never been disappointed.

NEW! GV 39C9
High Yielding Non-GMO Bean,
Excellent Standability,
Medium Bush Plant Type

GV 41C5
Great yielder
Awesome defense package
<table>
<thead>
<tr>
<th>Variety</th>
<th>RM</th>
<th>Plant Type</th>
<th>Pubescence</th>
<th>Flower Color</th>
<th>Hilum Color</th>
<th>Emergence</th>
<th>Lodging</th>
<th>Shatter</th>
<th>SDS</th>
<th>PFT</th>
<th>SCN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ronduapt Ready 2 Xtend®</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>34X7</td>
<td>3.4</td>
<td>Intermediate</td>
<td>Gray</td>
<td>Purple</td>
<td>Imp. Black</td>
<td>1.5</td>
<td>2</td>
<td>1.3</td>
<td>2</td>
<td>1.7</td>
<td>1.4</td>
</tr>
<tr>
<td>36X7</td>
<td>3.6</td>
<td>Intermediate</td>
<td>Gray</td>
<td>Purple</td>
<td>Imp. Black</td>
<td>1.7</td>
<td>1.8</td>
<td>1.5</td>
<td>1.7</td>
<td>1.8</td>
<td>1.4</td>
</tr>
<tr>
<td>38X9</td>
<td>3.8</td>
<td>Intermediate</td>
<td>Light Tawny</td>
<td>White</td>
<td>Black</td>
<td>1.5</td>
<td>1.6</td>
<td>1.5</td>
<td>2.2</td>
<td>1.6</td>
<td>1.5</td>
</tr>
<tr>
<td>39X7</td>
<td>3.9</td>
<td>Intermediate</td>
<td>Gray</td>
<td>Purple</td>
<td>Imp. Black</td>
<td>1.6</td>
<td>2.1</td>
<td>1.6</td>
<td>2</td>
<td>1.7</td>
<td>1.6</td>
</tr>
<tr>
<td>40X8</td>
<td>4</td>
<td>Intermediate</td>
<td>Gray</td>
<td>Purple</td>
<td>Imp. Black</td>
<td>2</td>
<td>2</td>
<td>1.8</td>
<td>1.8</td>
<td>1.9</td>
<td>1.9</td>
</tr>
<tr>
<td>42X9</td>
<td>4.2</td>
<td>Intermediate</td>
<td>Gray</td>
<td>Purple</td>
<td>Imp. Black</td>
<td>2.1</td>
<td>1.9</td>
<td>1.7</td>
<td>1.8</td>
<td>1.8</td>
<td>1.6</td>
</tr>
<tr>
<td>44X7</td>
<td>4.4</td>
<td>Semi-bush</td>
<td>Light Tawny</td>
<td>White</td>
<td>Black</td>
<td>1.6</td>
<td>1.7</td>
<td>1.7</td>
<td>2</td>
<td>1.8</td>
<td>1.5</td>
</tr>
<tr>
<td>46X7</td>
<td>4.6</td>
<td>Intermediate</td>
<td>Gray</td>
<td>Purple</td>
<td>Imp. Black</td>
<td>1.5</td>
<td>2</td>
<td>1.8</td>
<td>2</td>
<td>1.9</td>
<td>1.5</td>
</tr>
<tr>
<td>Conventionals</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36C6</td>
<td>3.6</td>
<td>Bush</td>
<td>Gray</td>
<td>Purple</td>
<td>Buff</td>
<td>1</td>
<td>1.6</td>
<td>1.3</td>
<td>1.9</td>
<td>1.8</td>
<td>1.6</td>
</tr>
<tr>
<td>39C9</td>
<td>3.9</td>
<td>Medium-bush</td>
<td>Gray</td>
<td>White</td>
<td>Buff</td>
<td>2</td>
<td>1.7</td>
<td>1.2</td>
<td>2</td>
<td>1.9</td>
<td>1.5</td>
</tr>
<tr>
<td>41C5</td>
<td>4.1</td>
<td>Intermediate</td>
<td>Light Tawny</td>
<td>Seg</td>
<td>Black</td>
<td>2</td>
<td>1.7</td>
<td>1.1</td>
<td>1.5</td>
<td>1.7</td>
<td>1.6</td>
</tr>
</tbody>
</table>

Ratings Scale 1 Excellent - 9 Poor
NEW! GV 37G29
Excellent Defense Package
Top - End Yield
Light Tawny

NEW! GV 39G29
Excellent Standability!
Great SDS
Solid from Emergence to Harvest

### 2019 Soybean Rating

<table>
<thead>
<tr>
<th>Variety</th>
<th>RM</th>
<th>Plant Type</th>
<th>Pubescence</th>
<th>Flower Color</th>
<th>Hilum Color</th>
<th>Emergence</th>
<th>Lodging</th>
<th>Shatter</th>
<th>SDS</th>
<th>PFT</th>
<th>SCN</th>
</tr>
</thead>
<tbody>
<tr>
<td>LibertyLink® GT27™</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37G29</td>
<td>3.7</td>
<td>Intermediate</td>
<td>Light Tawny</td>
<td>Purple</td>
<td>Black</td>
<td>1.2</td>
<td>2.4</td>
<td>1.6</td>
<td>2.2</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>39G29</td>
<td>3.9</td>
<td>Intermediate</td>
<td>Light Tawny</td>
<td>White</td>
<td>Black</td>
<td>1.1</td>
<td>1.5</td>
<td>1.7</td>
<td>1.6</td>
<td>1.5</td>
<td></td>
</tr>
</tbody>
</table>

Ratings Scale 1 Excellent - 9 Poor

Seeds containing the LibertyLink® trait may be protected under one or more U.S. patents and may be planted only to produce one (1) commercial crop in a single season, and only after signing a BASF Grower Technology Agreement. It is illegal to save seeds containing the LibertyLink trait for use as planting seed or for transfer to others for use as planting seed.

LibertyLink® GT27 soybeans offer triple stack tolerance to Liberty, glyphosate, and, pending EPA approval, the first HPPD based herbicide for soybeans. LibertyLink GT27 is not tolerant to all HPPD herbicides. HPPD herbicides currently on the market are prohibited for use with LibertyLink GT27 soybeans and may result in significant crop injury.

Always read and follow label directions. Liberty and LibertyLink are registered trademarks of BASF. GT27 is a trademark of MS Technologies and BASF. MS Technologies is a trademark of MS Technologies, LLC. ©2018 BASF Corporation/MS Technologies, LLC. All Rights Reserved. APN 18-INT-0014
**2019 Green Valley Wheat Varieties**

**NEW! GV 619**
Great New Early Line! Outstanding Test Weight with Great Yield!

**GV 658**
A medium maturing variety that has awesome yield with elite genetics.

**GV 668**
In house testing shows the test weight is something to brag about. Excellent straw with this variety and a Top Yelder in University trials.

**NEW! GV 679**
New smooth headed scab resistant variety with excellent test weight and an excellent disease package!

---

### 2019 Wheat Rating

<table>
<thead>
<tr>
<th>Variety</th>
<th>Maturity</th>
<th>Height</th>
<th>Standability</th>
<th>Winter Hardiness</th>
<th>Head Type</th>
<th>Test Weight</th>
<th>Leaf Rust</th>
<th>Scab</th>
</tr>
</thead>
<tbody>
<tr>
<td>GV 619</td>
<td>Early</td>
<td>Medium</td>
<td>3</td>
<td>2</td>
<td>Bearded</td>
<td>1</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>GV 658</td>
<td>Medium</td>
<td>Medium</td>
<td>2</td>
<td>2</td>
<td>Bearded</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>GV 668</td>
<td>Medium</td>
<td>Medium</td>
<td>1</td>
<td>2</td>
<td>Bearded</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>GV 679</td>
<td>Medium-Late</td>
<td>Medium</td>
<td>2</td>
<td>2</td>
<td>Beardless</td>
<td>2</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

Ratings Scale 1 Excellent - 9 Poor
**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.

---

**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

**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

---

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 and the Monsanto Technology Use Guide. 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.biotradestatus.com/ for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

B.t. products may not yet be registered in all states. Check with your Monsanto representative for the registration status in your state.

**IMPORTANT IRM INFORMATION:** RIB Complete® com blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. SmartStax® RIB Complete® com blend is not allowed to be sold for planting in the Cotton-Growing Area. See the IRM-Grower Guide for additional information. Always read and follow IRM requirements.

DroughtGard® Hybrids with RIB Complete® com blend the refuge seed may not always contain DroughtGard® Hybrids trait.

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. XtendMax® 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. Acclera®®, DroughtGard®®, Genuity®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, SmartStax and Design®, SmartStax®, VaporGrip®, VT Double PRO®, and XtendMax® are trademarks of Monsanto Technology LLC. LibertyLink and the Water Droplet Design® is a registered trademark of Bayer. Herculex® is a registered trademark of Dow AgroSciences LLC. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners.