



2017

# PRODUCT

## *Guide*

STAND TALL





# WE STAND BIG *and Tall*

## **FARMING ISN'T JUST THE BEST JOB IN THE WORLD. IT'S THE BIGGEST.**

We're not just responsible for feeding our families, but our communities, our state, our nation and, ultimately, our world.

## **IT'S A BIG JOB THAT DEMANDS EVEN BIGGER YIELDS.**

Which is why we, at independently-owned Peterson Farms Seed, are always searching for the next best genetics and traits.

## **IT'S WHY WE WORK WITH ALL THE MAJOR SEED INNOVATORS.**

We only choose seed proven to work here. In our backyard. And yours.

**AND, MOST OF ALL, IT'S WHY WE ARE EXCITED  
TO PUT YET ANOTHER GENERATION OF PETERSON  
FARMS SEED PRODUCTS TO WORK ON YOUR FARM.**

## **IT'S WHY WE REPORT TO YOU AND ONLY YOU.**

Not a board of directors or stockholders or anybody who's interested in anything but growing your business.

## **IT'S WHY WE RUN THE REGION'S LARGEST INDEPENDENT TESTING PROGRAM.**

A program that has grown to some 40,000 test plots.

## **IT'S WHY WE BACK OUR SEED WITH A SEASONED TEAM OF AGRONOMISTS.**

Who are ready and willing to help maximize your yields.





# CORN Hybrids

Loosen up that corn belt. Seed innovators have developed hybrids that not only grow in northern soils, but also give our traditional crops a run for their money.

## 21N78 RR2

Relative Maturity

78  
» day «

- Tremendous root strength and extremely responsive to high yielding environments and irrigation.
- Dent by dent hybrid with fast drydown.
- Plant at high populations for positive yield response.



## 71C80 VT2PRO

Relative Maturity

80  
» day «

- Strong stalk with good greensnap tolerance.
- Maximize performance by keeping it north and utilizing the full season.
- Performs well when placed in a late replant situation, south of zone.



## 71D83 VT2PRO

Relative Maturity

83  
» day «

- This hybrid expresses its maturity more like an 81 day.
- Heavy test weight leads to good grain quality with no test weight discounts.
- Plant on productive soils with high population.
- Sturdy stalks and late season health; girthy ears with fast drydown for ease of harvest.



## 79M83 VT2PRO

Relative Maturity

83  
» day «

- Impressive yields with fast drydown.
- Exhibits strong seedling vigor, very good staygreen, and fall intactness.
- Performs well across different soil types and environments.



## 92G84 GT/CB/LL

Relative Maturity

84  
» day «

- Early flowering hybrid with outstanding yield for its maturity.
- Admirable northern adaptation, bringing big yields to northern growers.
- Exceptional plant health and very good stalk strength; it will pay the bills!



## 98E84 GT/CB/LL

Relative Maturity

84  
» day «

- Widely adapted for northern markets, bringing outstanding yield for its maturity.
- Superior stalk and root strength allows for ease at harvest.
- Flowers early, utilizing the entire season.





## 14G85 CONVENTIONAL

Relative Maturity  
**85**  
= day =

- Impressive performance across high and low yield environments.
- Medium-tall hybrid with consistent uniform ear development; produces longer ears with very good flex.
- Flowers early and flares husk to enhance drydown.
- Exhibits very good staygreen and intactness.

## 23A85 ARTESIAN GTA

Relative Maturity  
**85**  
= day =

- Above average stalk and root quality for harvest flexibility.
- Medium-tall hybrid that is widely adapted east to west.
- Late season staygreen makes for an attractive hybrid.

Agrisure  
Artesian GTA

## 72A91 VT2PRO

Relative Maturity  
**91**  
= day =

- Showcases outstanding yield potential with very good disease package.
- Good ear flex and drydown with open husks.
- Very good drought, greensnap and Goss's Wilt tolerance.
- Avoid placement on poorly drained soils.
- Benefits from sidedress N applications.

VTDoublePRO  
RIB COMPLETE

NEW 16S92 CONVENTIONAL

## 16S92 CONVENTIONAL 76S92 VT2PRO

Relative Maturity  
**92**  
= day =

- Very good early season vigor with good stress tolerance.
- Widely adapted across varying environments.
- Best performance in zone with good southern movement.
- Outstanding yielding product with fast drydown.

VTDoublePRO  
RIB COMPLETE

## 75K85 VT2PRO

Relative Maturity  
**85**  
= day =

- Exceptional stalk and root strength for maturity.
- Excellent staygreen and intactness.
- Outstanding top-end yield potential and fast drydown.

VTDoublePRO  
RIB COMPLETE

## 57H87 VT3PRO 77H87 VT2PRO

Relative Maturity  
**87**  
= day =

- Medium statured plant with exemplary root quality. Performs well across all yield levels.
- Excellent drydown with good husk coverage means reduced drying cost and better grain quality.
- With earlier harvest, it is sure to get to the elevator before the snow falls!

genuity  
VT TRIPLE PRO CORN  
RIB COMPLETE  
VTDoublePRO  
RIB COMPLETE

## 76R92 VT2PRO

Relative Maturity  
**92**  
= day =

- Great seedling vigor allows for earlier planting, utilizing the full growing season.
- Solid roots make it stable and adaptable.
- Performs well under all conditions, even low GDD growing seasons.

VTDoublePRO  
RIB COMPLETE

## 75T93 VT2PRO

Relative Maturity  
**93**  
= day =

- Performs best as a full season hybrid and adapts well north out of zone.
- Very good stalks, great test weight, fast drydown, early seedling vigor.
- Responds well to high populations for high yields.

VTDoublePRO  
RIB COMPLETE

## 13D91 CONVENTIONAL 73D91 VT2PRO

Relative Maturity  
**89**  
= day =

- Tremendous drought tolerance makes it a great option for "desert" fields.
- Outstanding stalk and roots respond well to higher populations for higher yields.
- Very attractive hybrid with good fall appearance.

VTDoublePRO  
RIB COMPLETE

## 74K89 VT2PRO

Relative Maturity  
**89**  
= day =

- Very good seedling vigor and handles cooler seasons well.
- Excellent consistency and stability across various environments.
- Exceptional stalk and root strength adds up to better yields.

VTDoublePRO  
RIB COMPLETE

NEW

## 77P94 VT2PRO

Relative Maturity  
**94**  
= day =

- Outstanding yield potential with the horsepower to run with longer maturity hybrids.
- Excels in-zone and can be pushed north as a full-season hybrid.
- Best positioned on better soils and responds to high management.

VTDoublePRO  
RIB COMPLETE

## 2MD95 SILAGE

Relative Maturity  
**95**  
= day =

- Just like 2MD96, we like to call this one "Dumbo" for its wide droopy leaves.
- It is strictly for silage and has very high tonnage.
- Keep the final stand around 28,000 for optimum performance.

Roundup Ready  
CORN 2



**NEW 11W95 CONVENTIONAL**

**11W95 CONVENTIONAL  
81W95 SMARTSTAX**

Relative Maturity  
**95**  
day

- High yielder with robust defensive characteristics.
- Outstanding seedling vigor.
- Enjoy best yield performance under higher populations.



**NEW 75S96 VT2PRO**

**25S96 RR2  
75S96 VT2PRO**

Relative Maturity  
**96**  
day

- Known for being a shorty, it has great greensnap tolerance and less residue, making it easier to manage in heavy soils.
- Terrific drought tolerance and handles lighter soils well, producing more corn in dry years.
- Good Goss's Wilt tolerance.
- Very good test weight and late season health.



**2MD02 SILAGE**

Relative Maturity  
**102**  
day

- Robust silage hybrid.
- Brings the same awesome characteristics that 2MD96 brought to beef and dairy producers.
- Offers big tons per acre of highly digestible silage.



**88A97 SMARTSTAX**

Relative Maturity  
**97**  
day

- Tremendous stalk and root strength add up to better yields.
- Good staygreen and late season intactness.
- Very good stress tolerance and great yield potential with consistency.



**86S98 SMARTSTAX**

Relative Maturity  
**98**  
day

- The big brother to 76S92, with wide adaptation east to west.
- Medium compact stature, excellent stalk and root strength, and impressive agronomics.
- Fast drydown and very good test weight.



**NEW**

**72D00 VT2PRO**

Relative Maturity  
**100**  
day

- Our first DroughtGard® hybrid gives this cross great drought tolerance.
- Extremely defensive and comes with an attractive fall appearance.
- Stable performance across a wide range of environments.
- Potential for early corn, early.



**81W01 SMARTSTAX**

Relative Maturity  
**101**  
day

- Excellent eye appeal with very good stalk and root strength along with consistent and girthy ears.
- The big brother to our popular 81W95, it also has excellent early season vigor and should be planted at high end of population range.
- Good drought and stress tolerance.



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. *Only commercialized 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.

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: Genuity® RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. Always read and follow IRM requirements.

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.

DroughtGard®, Genuity Design®, Genuity®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, Roundup®, SmartStax and Design®, SmartStax®, VT Double PRO® and VT Triple PRO® are trademarks of Monsanto Technology LLC.



**LIBERTY LINK** Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of Bayer.

Agrisure®, Agrisure Artesian® and Artesian™ are trademarks of a Syngenta Group Company. All other trademarks are the property of their respective owners.



Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.





# CORN HYBRID CHARACTERISTICS



	Brand	Trait Package	Maturity	Required Refuge	Characteristics													
					Emergence	Early Vigor	Root Strength	Stalk Strength	Plant Height	Ear Height	Ear Type	Staygreen	Ear Retention	Drought Tolerance	North. Leaf Blight	Dry Down	Test Weight	GDUs to Black Layer
78-80 Day	21N78	RR2	78	None	8	8	9	8	Med-Tall	Med	Semi-flex	9	8	7	n/a	8	Med-High	1925
	71C80	VT2PRO	80	In-Bag	8	7	7	9	Med-Tall	Med	Determinate	7	8	7	7	7	Med-High	1950
81-85 Day	71D83	VT2PRO	83	In-Bag	8	8	9	8	Med	Med-Low	Determinate	7	8	8	8	9	High	2025
	79M83	VT2PRO	83	In-Bag	9	9	8	8	Med-Tall	Med	Semi-flex	8	8	8	8	7	Med-High	2050
	92G84	GT/CB/LL	84	20%	7	7	8	8	Med	Med	Semi-flex	8	8	8	7	8	Med-High	2100
	98E84	GT/CB/LL	84	20%	7	7	8	8	Med	Med-Low	Semi-flex	8	8	7	8	8	Med-High	2100
	14G85	Conventional	85	None	8	8	8	8	Med-Tall	Med	Semi-flex	9	8	7	8	8	Med	2110
	23A85	Artesian GT	85	None	8	8	8	8	Med-Tall	Med	Semi-flex	8	8	9	8	7	Med	2110
	75K85	VT2PRO	85	In-Bag	8	8	9	9	Med	Med	Semi-flex	9	8	8	9	9	Med-High	2110
86-90 Day	57H87	VT3PRO	87	In-Bag	8	8	9	9	Med	Med	Semi-flex	7	8	8	7	8	Med-High	2150
	77H87	VT2PRO																
	13D91	Conventional	89	None	8	8	9	9	Med	Med	Semi-flex	8	8	9	7	8	Med	2175
	73D91	VT2PRO		In-Bag														
	74K89	VT2PRO	89	In-Bag	8	8	9	9	Med-Tall	Med	Semi-flex	8	8	9	7	8	Med-High	2175
91-95 Day	72A91	VT2PRO	91	In-Bag	8	8	9	9	Med	Med	Semi-flex	8	8	9	9	8	Med	2175
	76R92	VT2PRO	92	In-Bag	8	8	8	8	Med-Tall	Med	Semi-flex	9	8	8	8	8	Med-High	2180
	16S92	Conventional	92	None	8	8	8	8	Med	Med	Semi-flex	8	8	9	7	9	Med	2220
	76S92	VT2PRO		In-Bag														
	75T93	VT2PRO	93	In-Bag	8	8	7	8	Med-Tall	Med	Determinate	7	9	7	7	8	Med-High	2225
	77P94	VT2PRO	94	In-Bag	8	8	8	8	Med-Tall	Med	Semi-flex	7	8	8	7	8	Med	2235
	11W95	Conventional	95	None	9	9	8	8	Med	Med	Semi-flex	7	9	8	9	8	Med-High	2250
	81W95	SmartStax		In-Bag														
2MD95	RR2/Silage	95	None	9	8	7	5	Tall	Med	Flex	9	8	8	8	5	Low	n/a	
96-99 Day	25S96	RR2	96	None	8	8	8	8	Med-Short	Med-Low	Semi-flex	8	8	8	7	8	Med	2400
	75S96	VT2PRO		In-Bag														
	88A97	SmartStax	97	In-Bag	9	8	9	9	Med	Med-High	Semi-flex	8	8	8	8	8	Med-High	2450
	86S98	SmartStax	98	In-Bag	9	9	9	9	Med-Short	Med	Semi-flex	8	8	9	8	9	High	2475
100+ Day	72D00	DroughtGard VT2PRO	100	In-Bag	9	9	9	9	Med	Med-Low	Semi-flex	8	9	9	8	9	Med	2500
	81W01	SmartStax	101	In-Bag	9	9	8	8	Med-Tall	Med	Semi-flex	8	9	8	9	8	Med-High	2550
	2MD02	RR2/Silage	102	None	9	8	7	5	Tall	Med	Flex	9	8	8	8	5	Low	n/a

\*Scale of 1-9 with 1 being poor, 9 being excellent

## KEY TO OUR CORN NAMING SYSTEM



## TRAIT PACKAGE KEY

- RR2** Roundup Ready® Corn 2
- VT2PRO** VT Double Pro® RIB Complete®
- VT3PRO** Genuity® VT Triple PRO® RIB Complete®
- SmartStax** SmartStax® RIB Complete®
- Droughtgard VT2PRO** DroughtGard® Hybrids with VT Double PRO® RIB Complete®
- RR2/Silage** Roundup Ready® Corn 2
- GT/CB/LL** Agrisure® GT/CB/LL trait stack
- Artesian GT** Agrisure Artesian® GTA trait stack





The background of the advertisement is a wide-angle photograph of a lush green field of crops, likely soybeans, stretching to the horizon. A man in a plaid shirt and jeans is walking away from the camera, carrying a young child on his shoulders. The child is wearing a light-colored shirt and a hat. The sky is filled with large, dramatic clouds, and the sun is low on the horizon, creating a warm, golden light. A white rectangular frame is superimposed over the center of the image, containing the main text.

**BIG YIELDS** *mean*  
**BIGGER TOMORROWS.**  
*For everybody.*



# SOYBEAN

## Varieties

**LIBERTY  
LINK** 

It's not just weed resistance that has  
made us the region's LibertyLink® soybean leader.

It's amazingly high yields.

### L01-14 LL

- Great IDC means this bean handles sour ground well.
- Top yields in the early market.
- Big seed for big yields.

**LIBERTY  
LINK** 

Maturity  
**0.1**  
early group 0

### L02-16N LL

- Very good IDC.
- Earliest SCN LibertyLink® variety.
- Early vigor leads to big branches.

**LIBERTY  
LINK** 

Maturity  
**0.2**  
early group 0

### L03-12N LL

- Excellent IDC means this bean handles sour ground well.
- Steady yield and performance.
- Controls volunteer RR Corn or RR Canola.

**LIBERTY  
LINK** 

Maturity  
**0.3**  
early group 0

### L04-16 LL

- Excellent IDC.
- Nice companion to our 0.3 and 0.5 varieties.
- New unique genetics in the early LibertyLink® market.

**LIBERTY  
LINK** 

Maturity  
**0.4**  
mid group 0

### L05-11N LL

- Rps1k for Phytophthora coupled with SCN resistance puts up barriers to any yield robbers.
- Excellent IDC will erase yellow, yield-dragging areas in fields.
- Big, bushy bean that handles any conditions.

**LIBERTY  
LINK** 

Maturity  
**0.5**  
mid group 0

### L07-16N LL

- Awesome IDC resistance.
- Great adaptability allowing for easy placement.
- Replaces L08-14 and adds SCN protection.

**LIBERTY  
LINK** 

Maturity  
**0.7**  
late group 0



## L11-13N LL



- Very good IDC and SCN protection gives a wide variety of options for ground placement and can even go on sour ground.
- Attractive, tall and bushy plant keeps its height even in heavy ground.
- The most prolific podding bean we've ever seen.



## L17-16N LL



- A great defensive soybean with high yields.
- SCN, IDC, and Rps1k in one package, to handle all soil types.
- LibertyLink® for alternative weed control.



## L12-16N LL



- Excellent width down the row, with lots of yield expression.
- Very good early emergence and vigor.
- A great combination of IDC and SCN resistance.



## L13-15N LL



- Breaking yield barriers in the mid 1.0 maturity group, this is our top performer in the 1.0-1.8 group.
- Very good IDC tolerance.
- Adaptable east to west.



## LIBERTYLINK® SOYBEAN CHARACTERISTICS

	Product	Trait Package	Maturity	Characteristics							
				Emergence*	Phytophthora Gene	Phytophthora Field Tolerance*	IDC*	SCN	Lodging*	Plant Type	Plant Height
Early Grp. 0	L01-14	LL	0.1	7.1	Rps1k	6.9	7.9	S	7.0	Intermediate	Med-Tall
	L02-16N	LL	0.2	7.5	Rps1a	7.1	7.8	R	7.5	Intermediate	Med
	L03-12N	LL	0.3	7.4	Rps1c	6.9	8.3	R	7.0	Bushy	Med
Mid Grp. 0	L04-16	LL	0.4	7.5	Rps1c	7.0	8.1	S	7.2	Intermediate	Med-Tall
	L05-11N	LL	0.5	7.2	Rps1k	6.9	8.0	R	7.3	Bushy	Tall
Late Grp. 0	L07-16N	LL	0.7	7.3	Rps1k	7.1	7.9	R	7.4	Intermediate	Med-Tall
Early Grp. 1	L11-13N	LL	1.1	7.2	Rps1k	7.1	8.1	R	7.0	Intermediate	Med-Tall
	L12-16N	LL	1.2	7.3	Rps1c	7.3	7.4	R	7.3	Bushy	Med-Tall
	L13-15N	LL	1.3	7.2	NG	7.2	7.8	R	7.4	Intermediate	Med-Tall
Mid Grp. 1	L17-16N	LL	1.7	7.2	NG	7.0	7.7	R	7.0	Intermediate	Med-Tall

\*Scale of 1-9 with 1 being poor, 9 being excellent

### KEY TO OUR LL SOYBEAN NAMING SYSTEM



### TRAIT PACKAGE KEY

LL LibertyLink® soybeans



# SOYBEAN

## Varieties



Talk about growing power. Seed innovators continue to pack this little plant with genetics that not only produce yields of dreams, but reality.

### 16R008N RR2Y

- Earliest soybean with the Rps3a+1c gene.
- Brings a big yield bump to the 00 maturity group.
- Handles those variable soils outside the valley.



NEW

### 17R009 RR2Y

- Excellent IDC, Brown Stem Rot, and Phytophthora package.
- Very good bean for RRV soils.
- Too good of genetics not to bring on a new RR2Y.



### 16R01 RR2Y

- Full launch of the 11R01 replacement.
- Attractive lateral branches.
- Terrific IDC tolerance for ease of placement.



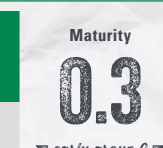
### 14R02 RR2Y

- Stacked Phytophthora traited soybean variety with Rps1c+3a.
- Handles all but the toughest IDC ground.
- Great offensive partner for our early tough ground soybeans.



### 13R03 RR2Y

- Rps3a brings the best Phytophthora resistance we can offer for bean-on-bean.
- Place this anywhere; a worry-free option for heavy or tough ground.
- Excellent emergence for no till option and handles trash.



### 16R06N RR2Y

- Full launch year, replacing some industry standards.
- Very good IDC.
- Combines SCN and the Rps3a gene for great Phytophthora resistance.





# GENUITY® ROUNDUP READY 2 YIELD® SOYBEAN CHARACTERISTICS



## 15R07N RR2Y

- Our top RR2Y variety, everyone's favorite.
- Good IDC tolerance.
- Top performer in our replicated yield trials.



## 16R09N RR2Y

- A limited look at the big sister of 15R07N.
- Promises to bring the same yield and IDC qualities.
- 0.9 maturity soybean that can yield with the 1.0s.



## 16R10 RR2Y

- Perfect fit for SD and southern ND farmers.
- Rps3a and physical characteristics for variable soils.
- Keep off salty ground.



## 14R11N RR2Y

- Superb SCN tolerance.
- Robust IDC resistance for greener fields and better yields.
- Tops the charts in our replicated trials.



## 15R14N RR2Y

- A great package: yield, IDC, and SCN.
- Full SCN resistance allows for great flexibility in field placement.
- Works well across tri-state area.



## 15R18N RR2Y

- SCN, Brown Stem Rot, and IDC resistance all in one.
- Perfect fit from MN to SD.
- Top of the list in IDC trials.



	Characteristics										
	Product	Trait Package	Maturity	Emergence*	Phytophthora Gene	Phytophthora Field Tolerance*	IDC*	SCN	Lodging*	Plant Type	Plant Height
Grp. 00	16R008N	RR2Y	00.8	7.4	Rps1c+3a	8.0	7.2	R	7.1	Intermediate	Med-Tall
	17R009	RR2Y	00.9	7.2	Rps1c	7.5	7.9	S	7.1	Intermediate	Med-Tall
Early Grp. 0	16R01	RR2Y	0.1	7.1	Rps1c	7.0	7.7	S	7.1	Bushy	Med-Tall
	14R02	RR2Y	0.2	7.4	Rps1c+3a	8.0	6.7	S	7.5	Intermediate	Med
	13R03	RR2Y	0.3	7.4	Rps3a	8.0	7.5	S	7.1	Intermediate	Med
Mid Grp. 0	16R06N	RR2Y	0.6	7.2	Rps3a	8.1	7.9	R	7.2	Bushy	Med-Tall
Late Grp. 0	15R07N	RR2Y	0.7	7.4	Rps1c	6.5	7.7	R	7.2	Bushy	Med
	16R09N	RR2Y	0.9	7.3	Rps1c	6.9	7.5	R	7.1	Intermediate	Med-Tall
Early Grp. 1	16R10	RR2Y	1.0	7.2	Rps3a	7.7	6.9	S	7.4	Intermediate	Med
	14R11N	RR2Y	1.1	7.2	Rps1k	7.6	8.0	R	7.0	Intermediate	Med
Mid Grp. 1	15R14N	RR2Y	1.4	7.0	Rps1c	7.3	7.9	R	7.2	Intermediate	Med
Late Grp. 1 Early Grp. 2	15R18N	RR2Y	1.8	7.0	Rps1k	7.5	7.7	R	7.5	Intermediate	Med-Tall

\*Scale of 1-9 with 1 being poor, 9 being excellent

### KEY TO OUR SOYBEAN NAMING SYSTEM



### TRAIT PACKAGE KEY

**RR2Y** Genuity® Roundup Ready 2 Yield® Soybeans

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. This product has 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.

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** 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.

Genuity Design®, Genuity Icons, Roundup Ready 2 Yield®, Roundup Ready®, Roundup Ready 2 Xtend®, Roundup®, and SR Design™ are trademarks of Monsanto Technology LLC.



# SOYBEAN

## Varieties



The next generation of weed resistant soybeans is here with improved genetics. More importantly, they've been proven by our independent testing program.

NEW

### 17X009 RR2X

- Excellent fit for those soils outside of the valley.
- Will excel on your most productive soils.
- Good IDC tolerance.



NEW

### 17X03 RR2X

- Will be our IDC King!
- Similar performance to 13R03 with better IDC.
- Medium-tall bean with cluster all the way to the top.



NEW

### 17X04N RR2X

- Move over 13R03!
- Rps3a, IDC, and SCN in one package.
- Very flexible placement across soil types.



### 16X07N RR2X

- Awesome IDC, SCN, PRR tolerance.
- Excellent yields in MN and ND.
- The star of the 2016 class of Xtend beans.



NEW

### 17X09N RR2X

- An excellent choice for your Phytophthora prone soils.
- Branches and clusters everywhere.
- Plant on all but the worst IDC soils.



NEW

### 17X10N RR2X

- Very good IDC.
- Rps3a+1c for excellent root health.
- Best in show emergence and standability.





## ROUNDUP READY 2 XTEND® SOYBEAN CHARACTERISTICS

### 16X12N RR2X



- Combines SCN and the Rps3a gene for great Phytophthora resistance.
- Good IDC tolerance.
- Adaptable across ND, MN, and SD.



### 17X13 RR2X



- Rps3a+1c and good IDC.
- Big yields across ND, SD, and MN in 2015.
- Moderate resistance for SCN.



NEW

### 17X14N RR2X



- Excellent IDC, best bean in 1.0+ maturity.
- Peking SCN resistance to change up your SCN resistance.
- Narrower look if you like skinny beans.



NEW

### 17X17N RR2X



- A powerful first for this maturity — SCN and Rps3a together in one variety.
- Lots of options for placement with this complete bean.
- Excellent IDC tolerance.



NEW

### 17X18N RR2X



- Excellent standability.
- First bean we've seen with possible white mold tolerance.
- Average IDC, so watch placement.



NEW

### 17X21N RR2X



- A Christmas tree of branches and pods.
- Good IDC and Phytophthora resistance.
- 3 bu over 15R20N in 2015, proves big performance.



	Product	Trait Package	Maturity	Characteristics							
				Emergence*	Phytophthora Gene	Phytophthora Field Tolerance*	IDC*	SCN	Lodging*	Plant Type	Plant Height
Grp. 00	17X009	RR2X	00.9	7.1	Rps1k	7.4	7.5	S	7.3	Intermediate	Med-Tall
Early Grp. 0	17X03	RR2X	0.3	7.4	Rps1c	7.4	8.2	S	7.1	Intermediate	Med-Tall
Mid Grp. 0	17X04N	RR2X	0.4	7.4	Rps3a	7.9	7.5	R	7.5	Intermediate	Med
Late Grp. 0	16X07N	RR2X	0.7	7.1	HRps3a	7.9	7.9	R	7.2	Bushy	Tall
	17X09N	RR2X	0.9	7.4	Rps3a	8.0	7.3	R	7.2	Intermediate	Med
Early Grp. 1	17X10N	RR2X	1.0	7.6	Rps3a+1c	8.1	7.9	R	7.5	Bushy	Med
	16X12N	RR2X	1.2	7.1	Rps3a	8.0	7.5	R	7.1	Intermediate	Med
	17X13	RR2X	1.3	7.4	Rps3a+1c	7.8	7.5	MR	7.2	Intermediate	Med-Tall
Mid Grp. 1	17X14N	RR2X	1.4	7.5	HRps1c	7.0	7.9	R	7.3	Intermediate	Med-Tall
	17X17N	RR2X	1.7	7.6	Rps3a	7.9	7.9	R	7.5	Intermediate	Med
Late Grp. 1 Early Grp. 2	17X18N	RR2X	1.8	7.4	Rps1c	7.4	7.3	R	7.6	Intermediate	Med
	17X21N	RR2X	2.1	7.4	Rps1c	7.3	7.6	R	7.5	Bushy	Med-Tall

\*Scale of 1-9 with 1 being poor, 9 being excellent

### KEY TO OUR SOYBEAN NAMING SYSTEM



### TRAIT PACKAGE KEY

**RR2X** Roundup Ready 2 Xtend® Soybeans

Dicamba & Glyphosate. 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 THE 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.





This statement has been a part of our promise to you since we started our company, and it remains just as true today:

“WE WILL SELL NO SEED WE WOULDN'T *be happy* TO PLANT *on our own farm.*”

— CARL PETERSON, PRESIDENT  
Peterson Farms Seed



# THINK *before you* BIN RUN

Buying new seed each season makes you more money. And we would say that even if we didn't sell seed.

## VERIFICATION REQUIRED

Most soybeans are covered by a variety patent. 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.

## BUYING NEW SEED ENSURES THE LATEST TECHNOLOGY

Buying new seed supports the innovation necessary for you to raise better and higher yielding crops in the future.

## CLEANOUT LOSS

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

## HIGHER SEED RATE

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

## BUYING NEW SEED ENSURES QUALITY

We have the highest quality standards in the seed industry, and we're not afraid to brag about it.

Saving any patented soybean seed is a violation of U.S. patent law and is illegal. Seed piracy hinders the development of future technologies and in turn hurts the entire industry.

**Seed Piracy Statement** - 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, 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 2016 Technology Use Guide Addendum to include Roundup Ready 2 Xtend™ Soybean. U.S. patents for Monsanto technologies can be found at the following webpage: [www.monsantotechnology.com](http://www.monsantotechnology.com).





**Peterson**  
Farms Seed

STAND TALL

**[PETERSONFARMSSEED.COM](http://PETERSONFARMSSEED.COM)**

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