



# 2018 Seed Guide

*Greetings from French's Hybrids!*

*We at French's, are proud to offer something for almost everyone, including: One (1) New Roundup Ready 2 XTEND® Soybean Varieties and One (1) New GT Soybean Variety plus Two (2) New Standard Corn.*

*Please do not confuse Standard / Conventional Hybrids for Organic. None of our hybrids are organic production.*

*We are confident in our hybrid performance regardless of technology packages. Strip trial results on our operation confirm that the new genetic combinations are consistently outperforming the older crosses.*

*We respectfully solicit your seed order for 2018. Please contact us for clarification or additional information.*

*And..Soybean Seed Pricing includes Eclipse Trio plus N-Force Inoculant plus N-Hibit® Biological.*

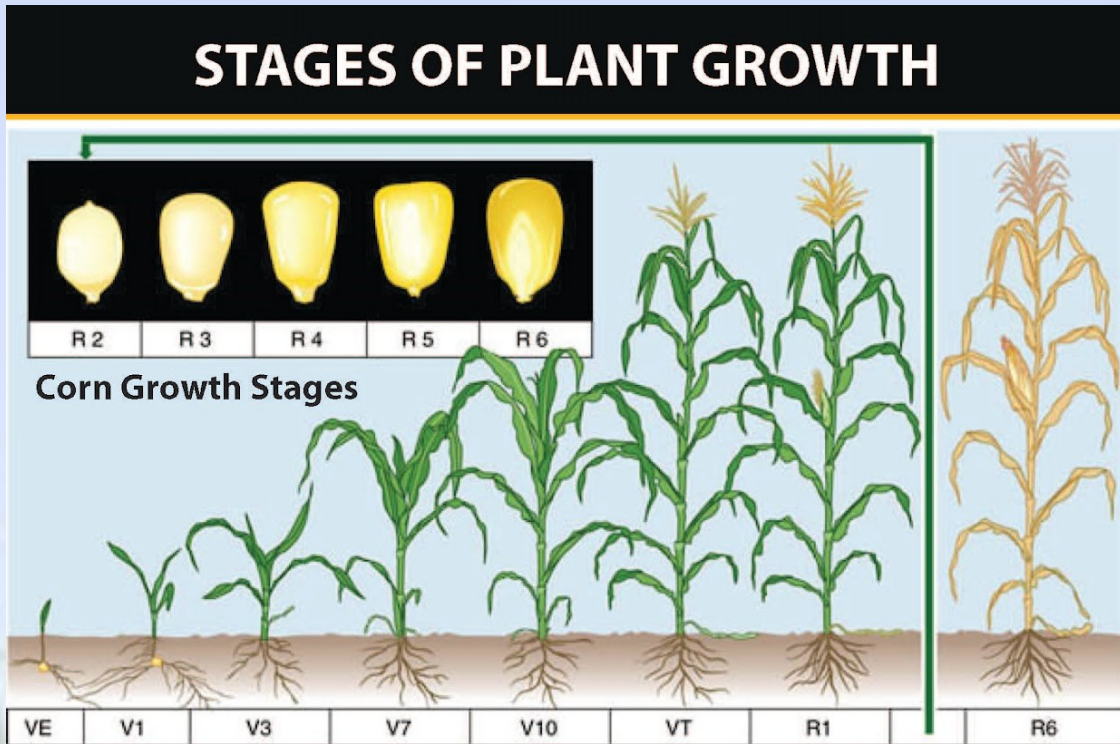
*Advanced seed treatment equals maximum profits!*

*Stay safe this season and always!*

*Sincerely,*

*The French Family*





Vegetative Stages		Reproductive Stages	
Stage	Description	Stage	Description
VE	Emergence	R1	Silking—silks visible outside the husks
V1	One leaf with collar visible	R2	Blister—kernels are white and resemble a blister in shape
V2	Two leaves with collars visible	R3	Milk—kernels are yellow on the outside with a milky inner fluid
V(n)	(n) leaves with collars visible	R4	Dough—milky inner fluid thickens to a pasty consistency
VT	Last branch of tassel is completely Visible	R5	Dent—nearly all kernels are denting
		R6	Physiological maturity—the back abscission layer has formed

## SEED APPLIED INSECTICIDES

All French's seed corn is treated with CruiserMaxx® Corn 250 or Poncho® seed insecticides. CruiserMaxx® Corn 250 and Poncho®, when combined with seed fungicides, will protect your seed investment from seedling soil insects and diseases.

CruiserMaxx® Corn 250 and Poncho® are innovative, environmentally safe seed-applied insecticides which provides instant early-season, broad-spectrum pest control. Early season vigor is enhanced, thus enabling maximum crop yield potential. As the seedling grows, CruiserMaxx® Corn 250 and Poncho® treatments are absorbed and translocated throughout the entire plant, protecting the plant for the first 30 to 40 critical days. French's and industry experience have indicated no issues with plantability of the treated seed and also show an advantage to the performance and value of CruiserMaxx® Corn 250 and Poncho® v.s. planterbox and other seed treatments.

CruiserMaxx® Corn 250 and Poncho® control a wide spectrum of seedling pests including wireworms, white grubs, seed corn maggots, flea beetle and reduces damage from cutworms.

## GENETIC AND INSECT PROTECTED TRAIT DEFINITIONS

It is critical for all growers to understand and properly utilize the various genetically-enhanced seed traits currently available throughout the seed industry. French's remains dedicated to providing the latest and best traits to our customers, with major emphasis to placing these traits only on the best genetics that are adapted to our area and growing conditions.

<p><b>STANDARD</b></p>	<p>Standard. Hybrid cross attained using traditional methods such as selective breeding, tissue cultures, hybridization and other methods that do not circumvent natural laws. The usual weed and insect control programs popularly used for years are still the recommended approach when using these seed lines. Do not confuse standard hybrids with organic hybrids. While all standard production practices strive to eliminate adventitious crossing, minute amounts of stray pollen should not and cannot be ruled out in production fields. Standard hybrids are not necessarily organic hybrids and are not intended to be represented as such.</p>
<p> <b>Agrisure<sup>®</sup>GT</b></p>	<p>Agrisure<sup>®</sup> GT trait provides tolerance to in-crop applications of glyphosate-based herbicides with the freedom for growers to choose their preferred glyphosate brand.</p>
<p> <b>Agrisure<sup>®</sup> 3000GT</b></p>	<p>Agrisure<sup>®</sup> 3000GT is another means of providing insect resistance and/or herbicide tolerance. The spectrum of control is similar to other traits on the market, but it is obtained by utilizing another "event" to install the built-in protection. These hybrids are designated CB for corn borer protection, RW for rootworm protection, GT for tolerance to glyphosate-based products and LL for Liberty<sup>®</sup> herbicide tolerance.</p>
<p><b>LIBERTY LINK<sup>®</sup></b> </p>	<p>LibertyLink<sup>®</sup> These hybrids contain a gene that allows the crop to tolerate application of the herbicide <b>Glufosinate</b>, trade named Liberty<sup>®</sup>. A pre-emerge herbicide program is strongly advised when utilizing LibertyLink<sup>®</sup> corn or soybeans.</p>
<p></p>	<p>Roundup Ready<sup>®</sup>. These hybrids contain a gene that makes the crop tolerant of application of glyphosate-based Roundup<sup>®</sup> Brands and allows application of such brands in -crop for control of specific weed problems. A pre-emerge herbicide program is strongly advised when utilizing Roundup Ready<sup>®</sup> corn.</p>
<p></p>	<p>Genuity<sup>®</sup> SmartStax<sup>®</sup> RIB Complete<sup>®</sup> Corn Blend has the broadest spectrum of insect control on the market with Roundup Ready<sup>®</sup> 2 Technology and LibertyLink<sup>®</sup> herbicide tolerance. 95% traited corn interspersed with 5% refuge seed in every bag. It is refuge made easy.</p>
<p></p>	<p>Genuity<sup>®</sup> VT Triple Pro<sup>®</sup> RIB Complete Corn Blend is the industry's first trait with dual modes of action for above ground insect protection stacked with below ground insect protection and Roundup Ready<sup>®</sup> 2 Technology.</p>

The use of herbicide-tolerant crops, when properly utilized, has been a great help in controlling difficult weeds and especially perennial weeds. At the same time, improper use of these technologies can lead to a rapid transition to herbicide resistant weed populations.



# WEED CONTROL STEWARDSHIP

French's Hybrids strongly urges the use of a FULL rate of a pre-emergence herbicide when planting glyphosate and/or glufosinate-tolerant corn to control the usual population of annual broadleaves and grasses, then utilizing glyphosate or glufosinate to control weeds that may have escaped due to environmental or other adverse conditions. In addition, control of tough perennial weeds such as Canada Thistle, Milkweed, Bind weeds, etc, is now possible at an economical cost per acre and without unfavorable reaction of the crop to the post-emergent herbicide.

Please remember to check, double check, and check again to verify what herbicide technologies are planted in a given field to avoid inappropriate pesticide application.

## FRENCH'S HYBRIDS IS PLEASED TO OFFER THE FOLLOWING HERBICIDE-TOLERANT CROPS FOR THE 2017 SEASON:

1. LibertyLink® Corn (Liberty® Herbicide Tolerant)
2. LibertyLink® Soybeans (Liberty® Herbicide Tolerant)
3. GT Glyphosate-Resistant Corn
4. Genuity® Roundup Ready 2 Yield® Soybeans
5. Roundup Ready 2XTEND Soybeans®
6. Agrisure® Traited Corn Hybrids with Tolerance to both Glyphosate (Roundup®) and Glufosinate (Liberty®)
1. Roundup Ready® Corn 2
2. Genuity® VT Triple Pro® RIB Complete® Corn Blend
3. Genuity® SmartStax® RIB Complete® Corn Blend

In addition, French's Hybrids is positioned with several crop protection companies, which means the use of our seed combined with specific crop protection products may allow the customer to be eligible for discount and warranty programs, which are available through your crop protection retailer and the product manufacturer. Contact us for specific details.

*Rotate Crops   Rotate Traits   Rotate Herbicides*





# 2018 Seed Guide

HYBRIDS

## French's 130

Standard Hybrid

RM

(2200 GDD)

standard



90  
DAY

1. Yield leader in maturity
2. Medium tall, dual purpose
3. Widely adapted, excellent for no-till
4. Very good stalk/root score
5. Plant at 28,000 to 34,000
6. Industry Leader at this maturity

## French's 240

Standard Hybrid

RM

(2400 GDD)

standard



100  
DAY

1. Multi-Year High Yields
2. Excellent Grain Quality
3. Widely Adapted Across Maturity Zone & Maturity Types
4. Medium-Tall Plant with Strong Root System
5. Will Respond Positively to High Population
6. Plant at 32,000 to 36,000

## French's 454

Standard Hybrid

**New!**

RM

(2480 GDD)

standard



105  
DAY

1. Tall Hybrid, Potential as Dual Purpose
2. Very Good Test Weight
3. Widely Adapted
4. Population Range 30,000 to 36,000

## French's 475

Standard Hybrid

RM

(2530 GDD)

standard



107  
DAY

1. Excellent roots and very good stalk rating
2. Semi-flex ear with good test weight
3. Very good fall intactness
4. Tall hybrid and medium ear placement
5. Population range 30,000 to 34,000

CORN



## French's 551

Standard Hybrid

RM

(2850 GDD)



**109  
DAY**

1. Semi-flex ear
2. Excellent late season stalks
3. Produces long, girthy ears
4. Widely adapted
5. Plant at 26,000 to 34,000

**standard**

## French's 690

Standard Hybrid

RM

(2600 GDD)



**111  
DAY**

1. Widely adaptable to soil type
2. Semi-flex ear
3. Good test weight with large, girthy ear
4. Medium tall hybrid
5. Keep population at 32,000 or above for optimum performance

**standard**

## French's 780

Standard Hybrid

**LIMITED SUPPLY**

RM

(2660 GDD)



**114  
DAY**

1. Leading yield performance
2. Food grade grain quality
3. Widely adaptable
4. Tall hybrid
5. Excellent silage
6. Plant at 28,000 to 34,000

**standard**

## French's 790

Standard Hybrid

**New!**

RM

(2680 GDD)



**115  
DAY**

1. Very High Yield Potential
2. Semi-Flex Ear
3. Excellent Grain Quality and Test Weight
4. Very Good Drought Tolerance
5. Excellent Plant Health & Disease Tolerance

**standard**

**CORN**



## LibertyLink® Corn

LibertyLink trait technology is part of a growing crop production line available from Bayer CropScience. This company offers one of the industry's largest portfolios of crop production products and is committed to research and development to stay at the forefront of innovative seed, trait

### French's 2260 LL

(Contains technology that allows crop to tolerate **Glufosinate**, trade named Liberty®)

**RM**  
(2370 GDD)



**99 DAY**

1. Very unique genetic package with outstanding yield potential
2. Strong seedling vigor suits no-till/minimum till
3. Excellent late season plant health
4. Good ear flex
5. Plant at 26,000 to 34,000



### French's 5460

(Contains technology that allows crop to tolerate **Glufosinate**, trade named Liberty®)

**RM**  
(2660 GDD)



**111 DAY**

1. Long, slender ear that flexes
  2. Harvest population 28,000 to 32,000
  3. Medium-tall plant with semi-upright leaves
1. Dual purpose; very adaptable to soil type
  2. Good drought and heat tolerance
  3. Super "stay green" and fall intactness



Liberty® Herbicide Replace Ignite® Herbicide for LibertyLink® Crops.



Bayer CropScience LP, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. Bayer, the Bayer Cross, Liberty, LibertyLink and the Water Droplet Design are registered trademarks of Bayer. Liberty is not registered in all states. For additional product information, call toll-free 1-866-99BAYER (1-866-992-2937) or visit our Web Site at [www.BayerCropScienceUS.com](http://www.BayerCropScienceUS.com).

CORN



## **Agrisure® GT Corn**

Corn hybrids with the Agrisure® GT Trait exhibit outstanding tolerance to in-crop applications of glyphosate-based herbicides—the active ingredient to Roundup and Touchdown brand herbicides. Glyphosate controls weeds by inhibiting EPSPS, a key enzyme necessary for photosynthesis. The Agrisure® GT Trait causes the corn hybrid to overproduce EPSPS so it can withstand applications of glyphosate with minimal damage to the crop or resulting grain.

Corn hybrids with the Agrisure® GT Trait are carefully selected to provide not only outstanding glyphosate tolerance via the trait, but also to preserve the genetic potential of the hybrid via the proven inbred line conversion process. This dual focus results in new choices of corn hybrids that delivery best in class performance with minimal concerns about either crop safety or yield drag.



Agrisure® is a registered trademark of a Syngenta Group Company.  
LibertyLink®, Liberty®, and the Water Droplet logo are registered trademarks of Bayer.



## French's 470 GT

(Contains technology that allows crop to tolerate **Glyphosate**)

**RM**  
(2530 GDD)



**107**  
**DAY**

1. Tall hybrid, dual purpose
2. Superior ear flex for variable planting rates
3. Excellent stalk and roots
4. High pops result in top end yield
5. Plant at 26,000 to 35,000

 **Agrisure<sup>®</sup>GT**

## French's 414 GT

(Contains technology that allows crop to tolerate **Glyphosate**)

**RM**  
(2550 GDD)



**108**  
**DAY**

1. Medium tall hybrid, semi-flex ear type
2. Broad adaptation, consistent yields
3. Excellent performance east
4. Superior root and stalk strength and above-average disease resistance
5. Plant at 30,000 to 36,000 population

 **Agrisure<sup>®</sup>GT**

## French's 551 GT

(Contains technology that allows crop to tolerate **Glyphosate**)

**RM**  
(2600 GDD)



**110**  
**DAY**

1. Consistent high yielder
2. Semi-flex ears
3. Very good late season stalks
4. Wide adaptation
5. Plant at 26,000 to 34,000

 **Agrisure<sup>®</sup>GT**

**CORN**



## Roundup Ready® Corn

Roundup Ready®. These hybrids contain a gene that makes the crop tolerant of application of glyphosate-based Roundup® Brands and allows application of such brands in-crop for control of specific weed problems. A pre-emerge herbicide program is strongly advised when utilizing Roundup Ready® corn.

### French's 275 RR

(Contains technology that allows crop to tolerate **Glyphosate**, based Roundup® brands.)

**RM**  
(2440 GDD)



**102  
DAY**

1. Roundup Ready® technology
2. Excellent fall appearance with open husks
3. User-friendly on all yield levels and soil types with medium to high populations
4. Above average disease tolerance
5. Keep population above 30,000



### French's 265 RR

(Contains technology that allows crop to tolerate **Glyphosate**, based Roundup® brands.)

**RM**  
(2400 GDD)



**100  
DAY**

1. Multi-Year High Yields
2. Excellent Grain Quality
3. Widely Adapted Across Maturity Zone & Maturity Types
4. Medium-Tall Plant with Strong Root System
5. Will Respond Positively to High Population
6. Plant at 32,000 to 36,000



**CORN**



## WHY PLANT A REFUGE?

An insect resistance management (IRM) plan is required by the EPA. It preserves the benefits and longevity of biotech insect protection. With the use of an IRM, the risk of insect resistance is reduced.

INSECT PROTECTED HYBRID	REFUGE SUGGESTION
French's 5510 3000 GT	5460 LL / 551 GT

The above insect protected products from French's Hybrids require a 20% refuge area. Many possibilities exist for refuge acres.

Please discuss your plans with a French's representative for the most appropriate one.

The key component of an IRM is the use of a refuge. A refuge is a block or strip of corn that does not contain B.t. technology. Many possibilities exist for refuge configurations.

Below are a few examples. Please discuss your plans with a French's Hybrids representative or consult technology-use guides.

Diagram courtesy of the Monsanto Company

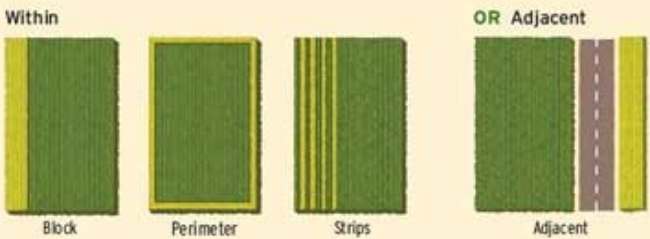
### REFUGE CONFIGURATIONS

Plant at least the minimum required\* non-B.t. refuge **within, adjacent to or as a separate block within 1/2 mile** of each B.t. corn field.

- Genuity VT Double PRO, YieldGard Corn Borer, or YieldGard Corn Borer with Roundup Ready Corn 2
- Soybeans
- Refuge (i.e., Roundup Ready Corn 2 or conventional corn)
- Designates road, ditch, path, etc.


\*For Genuity VT Double PRO, the minimum refuge is 5% in the Corn-Growing Area and 20% in the Cotton-Growing Area. For YieldGard Corn Borer or YieldGard Corn Borer with Roundup Ready Corn 2, the minimum refuge is 20% in the Corn-Growing Area and 50% in the Cotton-Growing Area.

**Within**



Block      Perimeter      Strips      Adjacent

**OR 1/2 Mile Option**



← ≤ 1/2 MILE →      ← ≤ 1/2 MILE →

As an example, the images above represent 20% refuge requirements.







# 2018 Seed Guide

## Agrisure® 3000GT Corn

The Agrisure® 3000GT triple stack provides the ultimate in yield protection and the flexibility to choose management practices that meet individual needs.

The Agrisure® GT trait, through the proven GA21 event, provides hybrids with excellent tolerance to glyphosate herbicides.

Agrisure® 3000GT hybrids feature corn borer and corn rootworm protection in addition to Glyphosate (Roundup®) and Glufosinate (Liberty®) tolerance in one package.

Agrisure® and Viptera® are registered trademarks of a Syngenta Group Company. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of Bayer.

## French's 5510 3000GT

RM  
(2660 GDD)



110  
DAY

1. Consistent high yielder
2. Semi-flex ears
3. Very good late season stalks
4. Wide adaptation
5. Harvest population 26,000 to 34,000

(Contains technology that allows crop to tolerate  
Glyphosate and Glufosinate)



CORN



MONSANTO



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. Genuity® SmartStax® RIB Complete® and Genuity® VT Triple PRO® RIB Complete® corn are blended seed corn products. See the IRM/Grower Guide for additional information. 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. Genuity Design®, Genuity Icons, Genuity®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, SmartStax® and VT Triple PRO® 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. All other trademarks are the property of their respective owners.





# Genuity® VT Triple Pro® Corn RIB Complete® Corn Blend

Genuity® VT Triple Pro® Corn RIB Complete® corn blend has 10% refuge seed in every bag. Advanced above and below ground insect protection with two ways to control corn earworm for the opportunity to improve yields and grain quality. A Truly simple refuge-in-a-bag solution.

## French's 6040VT3P

**RM**  
(2600 GDD)



**111**  
**DAY**

1. Very good stalk and root
2. Responds to high populations
3. Consistent ear size
4. Excellent stress tolerance
5. Populations range 30,000 to 36,000



(Combines insect and weed control technology. Tolerant to **Glyphosate**)

**A CRUSHING DEFEAT FOR CORN EARWORM.**

**PROTECT YIELD WITH MAXIMUM INSECT CONTROL.**

- Maximum above and below ground insect protection with **two ways to control** corn earworm
- Opportunity for improved **grain quality**
- 20 percent refuge — the **lowest refuge** in the Cotton-Growing Area

Contact your seed rep or go to [genuity.com](http://genuity.com)

**EVERY BUSHEL MATTERS**



**CORN**



## Genuity® Smartstax® Corn RIB Complete® Corn Blend

Genuity® SmartStax® RIB Complete® corn blend has the broadest spectrum of insect control on the market with Roundup Ready® 2 Technology and LibertyLink® herbicide tolerance. 95% traited corn interspersed with 5% refuge seed in every bag. It is refuge made easy. Fill your planter and go!

### French's 2020 RIB



**103  
DAY**

**RM**  
(2450 GDD)

(Combines insect and weed control technology. Tolerant to **Glyphosate** and **Glufosinate**.)

1. Very consistent
2. Excellent stalk strength
3. Husk flares for fast drydown
4. Handles stress well; very drought tolerant
5. Compact plant, grain only
6. Harvest population 30,000 to 36,000



### French's 2025 RIB



**103  
DAY**

**RM**  
(2450 GDD)

(Combines insect and weed control technology. Tolerant to **Glyphosate** and **Glufosinate**.)

1. Companion / Replacement to 2020 RIB
2. High yield and test weight
3. Candidate for corn after corn
4. Very adaptable to soil type and yield levels
5. Population 32,000 to 36,000



**CORN**



## French's 3020 RIB

**RM**  
(2480 GDD)



**105**  
**DAY**

(Combines insect and weed control technology. Tolerant to **Glyphosate** and **Glufosinate**.)

1. Strong yields and rapid drydown
2. Excellent stalks and high test weight
3. Adapts well to stress conditions
4. Excellent ear flex for variable populations
5. Population range 28,000 to 34,000



## French's 4220 RIB

**RM**  
(2520 GDD)



**107**  
**DAY**

(Combines insect and weed control technology. Tolerant to **Glyphosate** and **Glufosinate**.)

1. High yielder, wide adaptability
2. Strong east to west positioning
3. Moderate drought tolerance
4. Good test weight
5. Will respond well to high management programs
6. Population range 28,000 to 34,000



## French's 6100 RIB

**RM**  
(2590 GDD)



**110**  
**DAY**

(Combines insect and weed control technology. Tolerant to **Glyphosate** and **Glufosinate**.)

1. User friendly east to west
2. Large, girthy ear, very consistent
3. Good drought tolerance
4. Good test weight, medium-tall plant
5. Responds well to high management
6. Keep populations at or above 32,000





**SmartStax<sup>®</sup>**  
RIB COMPLETE

**ARE YOU PREPARED  
IF CORN ROOTWORM COMES  
CRAWLING NEXT YEAR?**

**Manage corn rootworm risk and protect  
your profit potential with  
SmartStax<sup>®</sup> RIB Complete<sup>®</sup> corn blend.**

From year to year, corn rootworm pressure can be extremely unpredictable. So for predictable performance, plant the corn blend with multiple effective modes of action for maximum control of corn rootworm, as well as other below-ground and above-ground insects.

**Protect your yield potential.**  
See how farmers in your area are managing risk and increasing yields.  
Learn more at [genulty.com/SmartStaxRIB/testimonial](http://genulty.com/SmartStaxRIB/testimonial) or ask your seed rep.

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CORN



## **FRENCH'S HYBRIDS SOYBEAN FACT GUIDE**

All French's Hybrids soybean varieties are selected for the challenging growing conditions we always face in the North Coast region.

### **FRENCH'S HYBRIDS VARIETIES ARE:**

1. Produced under field and laboratory inspection guidelines.
2. Highly tolerant of Phytophthora Root Rot (PRR) using various gene selections.
3. Full Growth habit and suited to all row widths.
4. Proven for use in no-till systems.
5. Indeterminate in hypocotyl length (not sensitive to planting depth).
6. Treated seed.
7. Inoculated with N-Force and N-Hibit® Biological.

All French's soybean varieties will have the number of seeds per pound listed on the seed tag and our seed is sold in 130,000 Seed Units. Please consult with French's Hybrids for assistance in determining plant populations and be sure to set your planting unit accordingly.

All varieties are available in bags, mini-bulk bags, Pro Boxes and True Bulk.

Early ordering will help assure your favored varieties are available in your preferred package options.

Soybean trait packages are rapidly changing.

### **WE NOW OFFER:**

Genuity® Roundup Ready 2Yield®  
LibertyLink®  
Roundup Ready 2 XTEND®  
GT



Not all traits or varieties are adapted to all locations or practices. French's Hybrids will be happy to help you make selections that fit your operation.



## GROWTH STAGES OF SOYBEAN

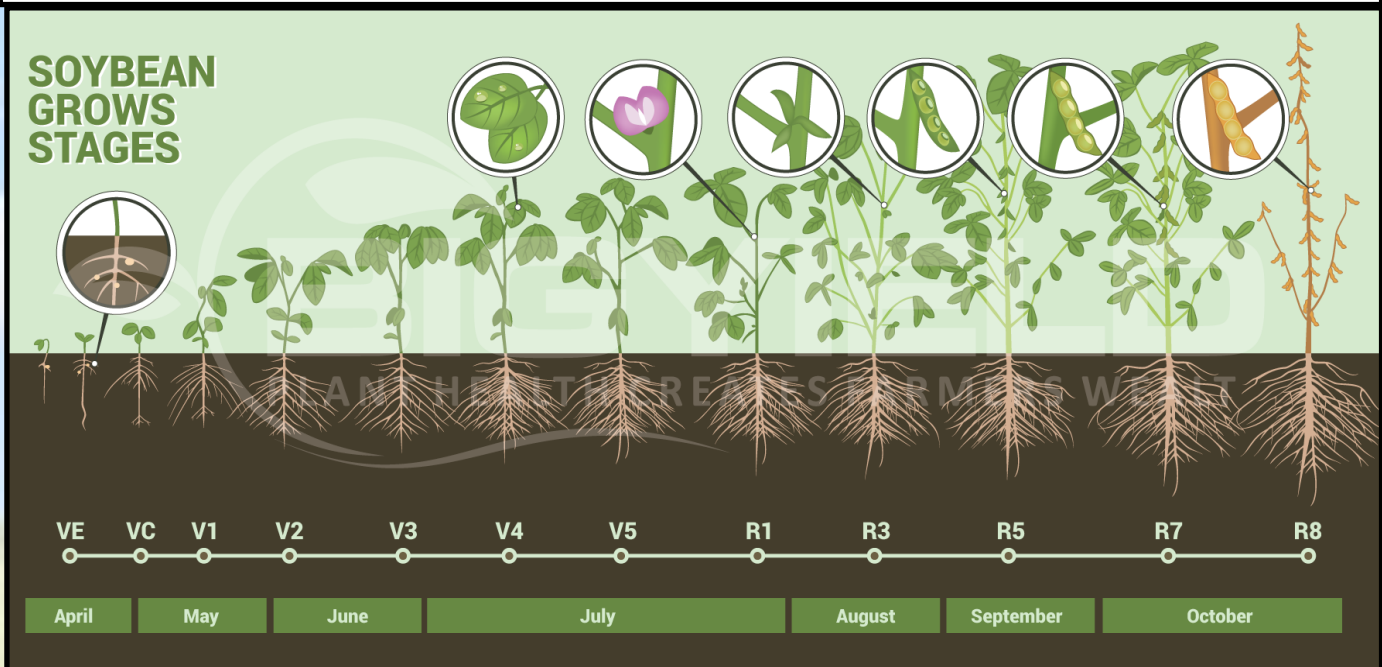


Table 1: Growth stages of Soybean

Stage	General Description	Specific Description
VE	Emergence	Plant is emerging
VC	Cotyledon	Unifoliolate leaves fully developed
V1	First true leaf	The first trifoliolate leaves are fully developed
V(n)	Leaf development	Additional trifoliolate leaves are fully developed
R1	Beginning bloom	One open flower at any node on the main stem.
R2	Full bloom	Open flower at one of the two uppermost nodes on the main stem with fully developed leaf.
R3	Beginning pod	Pod is 3/16 inch long at one of the four uppermost nodes on the main stem with a fully developed leaf.
R4	Full pod	Pod is 3/4 inch long at one of the four uppermost nodes on the main stem with a fully developed leaf.
R5	Beginning seed	Seed is 1/8 inch long in the pod at one of the four uppermost nodes on the main stem with a fully developed leaf.
R6	Full seed	Pod containing a green seed that fills the pod cavity at one of the four uppermost nodes on the main stem with a fully developed leaf.
R7	Beginning maturity	One normal pod on the main stem that has reached its mature pod color, normally brown or tan, depending on variety.
R8	Full maturity	Ninety-five percent of the pods have reached their mature pod color. <sup>1</sup>

<sup>1</sup>. The crop will have to dry down to less than 15% before the soybeans can be harvested.

**SOYBEAN**



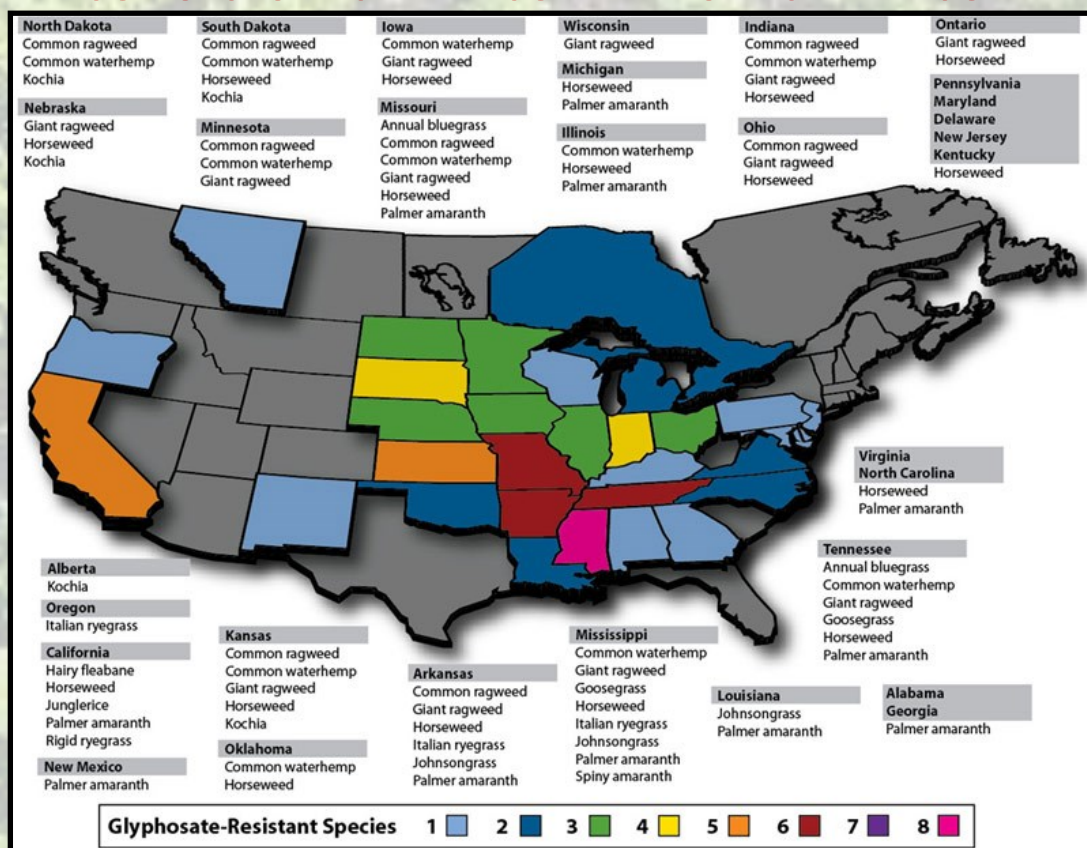


*Preserving  
Herbicide  
Technology*

Glyphosate resistant weeds are continuing to multiply across the country. It is imperative that farmers take steps to manage the spread of resistant weeds and preserve the effectiveness of weed control technologies.

1. Know your weeds and know your fields. Be observant and watch for areas in the field that are no longer responding to herbicide application.
2. Start with clean fields. Use proper tillage methods and an effective burndown herbicide program prior to planting.
3. Apply herbicides correctly. Follow label directions and apply in a timely manner.
4. Treat weed escapes. Use spot herbicide application, row wicking, cultivation or hand removal of weeds. Do not allow weeds to set seed and spread in the field.
5. Clean equipment. Do not move weeds from field to field.
6. One strategy cannot do it all:

**ROTATE YOUR CROPS ROTATE YOUR TRAITS ROTATE YOUR HERBICIDES**



SOYBEAN



## 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 (2) soybean seed outyielded bin-run Roundup Ready(2) soybeans by 6.1bu/ A.<sup>1</sup>

### 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

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

### Customer Service

1. Dealer agronomic support before and after the sale
2. Replant policy support
3. Convenient packaging and delivery

### Reliable Germination and Quality

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

\*Pending regulatory approvals.

<sup>1</sup>First 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.



MONSANTO



For more information about seed technology, visit ASTA's **Beyond the Seed Program** at [www.beyondtheseed.org](http://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.

**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. 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® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup(b) brand agricultural herbicides will kill crops that are not tolerance 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. © 2014 Monsanto Company. (24471Apgd) 5A9E126496.

SOYBEAN



# SEED PIRACY STATEMENT

Seeds containing the Genuity® Roundup Ready 2 Yield® trait are protected under numerous U.S. patents. Seed containing patented traits, such as seed containing Roundup Ready 2 Yield® traits, can only be used to plant a single commercial crop.

It is unlawful to save and replant Genuity® Roundup Ready 2 Yield® or Extend® Soybeans. Additional information and limitations on these products are provided in the Monsanto Technology Stewardship Agreement and the Monsanto Technology Use Guide.

The licensed U.S. patents for Monsanto technologies can be found at the following webpage: [www.monsantotechnology.com](http://www.monsantotechnology.com)



Progeny of these seeds cannot be cleaned or used for replanting or transferred to others for replanting. For Sale Only in the U.S.



**HOLD YOUR BEANS TO A HIGHER STANDARD WITH GENUITY® ROUNDUP READY 2 YIELD®.**

More beans per pod and more bushels per acre compared to original Roundup Ready®.

Ask your seed rep why you should demand more. Go to [genuity.com](http://genuity.com) for more information.

**genuity**  
**ROUNDUP READY 2 YIELD®**  
**SOYBEANS**

EVERY BUSHEL MATTERS

Individual results may vary. Always read and follow grain marketing and all other stewardship practices and pesticide label directions. Details of these practices can be found in the Trait Stewardship Responsibilities Notice to Farmers printed in this publication.

**DEMAND MORE YIELD.**

**SOYBEANS**

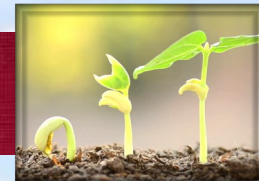


## Genuity® Roundup Ready 2 Yield® Soybeans

Genuity® Roundup Ready 2 Yield® Soybeans contain in-plant tolerance to Roundup® agricultural herbicides, giving farmers the same dependable weed control capabilities they have experienced with Roundup Ready® soybeans, but with higher yield potential. More beans per pod means more bushels per acre.

### French's F3214 R2Y

RM



3.3



1. Great defensive trait package
2. Medium tall, full plant type
3. Very good stress tolerance

(Tolerant to **Glyphosate**-based products such as Roundup® Brands)

### French's RX1626N

RM



2.6



1. Medium plant height, but closes rows quickly with wide canopy
2. Excellent performance under stress and/or marginal soils
3. Beats Asgrow 2733 by 3.5 B.U.
4. Very solid PRR tolerance

(Tolerant to **Glyphosate**-based products such as Roundup® Brands)





## Roundup Ready 2 XTEND® Soybeans

Monsanto's RoundupReady 2 XTEND® soybeans are approved for commercialization. The industry's first biotech-stacked soybean trait with both dicamba and glyphosate herbicide tolerance. Over-the-top dicamba use is still pending approval at this writing. Premium, performance-enhancing genetics are also a plus for this new technology.

French's RX1828N

**New!**

RM



2.8

1. No. 1 Line Overall in 61 Locations in 2016.
2. Medium-Tall, Excellent Standability.
3. Fast Emergence, Super Phytophthora Tolerance and Great SDS and Brown Stem Rot Tolerance.

(Tolerant to **Glyphosate**-based products such as Roundup® Brands)



French's RX1630N

RM



3.0

1. Medium-tall variety with excellent upright intermediate plant type
2. Very good sudden death, white mold and PRR scores
3. Defensive variety, widely adapted, great stress tolerance

(Tolerant to **Glyphosate**-based products such as Roundup® Brands)



soybeans



**French's RX1633N**

**RM**



**3.3**

1. Medium height, wide body, full plant type
2. Rps/c PRR gene with excellent field tolerance
3. Beat F3214R2Y in every Ohio location in 2015 regional tests

(Tolerant to **Glyphosate**-based products such as Roundup® Brands)



**French's RX1635N**

**RM**



**3.5**

1. Top performer in Ohio and East Coast
2. Excellent emergence, very good standability, full plant type
3. Super stress tolerance, good PRR tolerance
4. Dominant in maturity group in 2015

(Tolerant to **Glyphosate**-based products such as Roundup® Brands)



soybeans



## LibertyLink® Soybeans

Allows over-the-top application of Liberty® herbicide on your soybeans. Liberty® herbicide is a non-selective herbicide that has no known resistant weeds. It has excellent control of all major broadleaves and grasses provided weeds are sprayed before 4 inches tall and have good surface contact. The LibertyLink® system is a great alternative to Roundup Ready® or used in rotation for problem weed control.

## It's time to get real and fight Resistance with LibertyLink®



Bayer CropScience, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709. Always read and follow label instructions. Bayer, the Bayer Cross, Liberty, LibertyLink and the Water Droplet Design are registered trademarks of Bayer. Roundup Ready is a trademark of Monsanto Technology LLC. For additional product information call toll-free 1-866-99 BAYER (1-866-992-2937) or visit our Web site at [222.BayerCropsScienceUS.com](http://222.BayerCropsScienceUS.com)



Please do not confuse **Glufosinate** (Liberty®) with **Glyphosate** (Roundup®). These 2 technologies are uniquely different programs and **MUST NOT** be managed the same way.



soybeans



## French's F2831L

RM



2.8

1. Tall bush plant type
2. "K" gene plus field tolerance
3. Cyst tolerant
4. Rugged, defensive specialist

Contains technology that allows crop to tolerate **Glufosinate**, trade named Liberty®)



## French's F3040L

RM



3.0

1. Medium tall, full plant
2. Above average cyst tolerance
3. "C" gene plus excellent tolerance to phytophthora
1. Excellent emergence and early vigor

Contains technology that allows crop to tolerate **Glufosinate**, trade named Liberty®)



## French's F3431L

RM



3.4

1. Tall, great standability
2. Cyst tolerant
3. Full plant type
4. "K" gene plus tolerance

Contains technology that allows crop to tolerate **Glufosinate**, trade named Liberty®)



soybean



## GT SOYBEANS

GT Soybeans possess in-plant tolerance to in-crop application of glyphosate herbicides. Original non-patented technology, new genetics.

### French's GT 1830N

RM



3.0

1. Brand new genetics in GT Platform.
2. Med-Bush plant, will not lodge!
3. Rps/1K and good BSR.



soybeans



# Forages



## **Clover Alfalfa** **Forage Grasses Turf Grasses**

### **Alfalfa**

- 372HY—High forage yielding hybrid variety of exclusive patented SUNSTRA™ Hybrid Alfalfa Technology.  
Rapid Growth  
The ultimate in Alfalfa Production
- Prolific II—Branch rooted, high forage yielding, winter hardy  
Designed for poorly drained soils

Other products/mixes are available,  
but not listed.

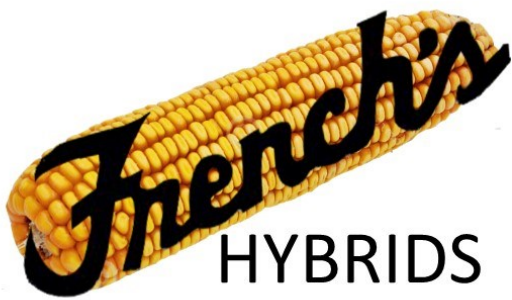
Please ask if you need any  
special items.

We will custom blend  
to your recipe!



forages





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**440-839-2934 • 800-977-0998**

Email: [frenchs@frenchshybrids.com](mailto:frenchs@frenchshybrids.com) • [www.frenchshybrids.com](http://www.frenchshybrids.com)



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*Since 1936 & Still Growing!*

