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MEET OUR SALES TEAM

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A NOTE ABOUT OUR COMPANY

Kitchen Seed Company, Inc. was founded in 1974 by Phillip Kitchen. Our main facility is in Arthur, Illinois in the heart of Amish Country. We have continuously improved our conditioning, processing, packaging, and delivery systems beginning in 1976 with the construction of our modern seed plant. We have invested in keeping the plant up to date, and are second to none in our ability to offer our customers the quality and service they have come to expect.

Phil has retired from the day to day operations, but all three of his children are active in the company. We intend on remaining an independent, family-owned company so that we have the freedom to offer our customers the best options available in seed genetics and traits. We consider our customers our friends and strive to earn their confidence by maximizing yields and keeping input costs down.

A NOTE ABOUT OUR PRODUCT LINE

Kitchen Seed Company, Inc. is proud of the fact that we can offer you the finest genetics that the seed industry has to offer. We carefully select our genetics so that we can offer the latest seed technology and traits best suited for the Midwest growing area.

We believe that KSC has one of the best lineups of corn, soybean, and wheat varieties available to the Midwest farmer at very competitive prices. We plant and evaluate seed plots throughout our marketing area in order to offer you the best selections for your soil type and location. We intend to live up to our motto:

WE’LL GROW YOU ONE BETTER!
**KSC 6310**
110 DAYS
- Very good stalk strength
- Excellent test weight
- Exceptional eye appeal throughout harvest
- Widely adaptable to various soil types

**KSC 6511**
111 DAYS
- Very good stalks and roots
- Very good disease package
- Excellent late season attractiveness
- Widely adaptable to various soil types

**KSC 6612**
112 DAYS
- Excellent stalk
- Responds to high management
- Very good drought tolerance
- Responds to high population

**KSC 6413**
113 DAYS
- Excellent stalk strength
- Excellent test weight
- Consistent production under stress conditions
- Widely adaptable to various soil types

**KSC 6514**
114 DAYS
- Excellent test weight
- Very good stalk strength
- Very good drought tolerance
- Widely adaptable to various soil types

---

**Poncho®/VOTiVO® Advantages**
- With the higher powered 500* rate of Poncho®, growers get increased control of cutworm, wireworm, seedcorn maggot, and white grub.
- VOTiVO® mode of action protects against nematode damage from a wide range of species.
- The bacteria in Poncho®/VOTiVO® colonize and grow around the root to create a living barrier of protection.
- The product is very stable in the formulation, on the seed, and in the root zone.
- Maximizes early season plant stands and vigor.
- Higher yields – current data shows.
- A 6 to 8 bu/A yield increase over Poncho® 250®
- Provides a positive return on investment.
- Poncho®/VOTiVO® is labeled for corn, soybean, cotton, and sorghum.

*Poncho® 250 and Poncho® 500 are the 0.25 mg Al/kernel and 0.50 mg Al/kernel application rates (respectively) of Poncho® 600 seed-applied insecticide.*

---

**CONVENTIONAL**

+ **Poncho®/VOTiVO® Advantages**
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  - The bacteria in Poncho®/VOTiVO® colonize and grow around the root to create a living barrier of protection.
  - The product is very stable in the formulation, on the seed, and in the root zone.
  - Maximizes early season plant stands and vigor.
  - Higher yields – current data shows.
  - A 6 to 8 bu/A yield increase over Poncho® 250®
  - Provides a positive return on investment.
  - Poncho®/VOTiVO® is labeled for corn, soybean, cotton, and sorghum.
  - *Poncho® 250 and Poncho® 500 are the 0.25 mg Al/kernel and 0.50 mg Al/kernel application rates (respectively) of Poncho® 600 seed-applied insecticide.*

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<table>
<thead>
<tr>
<th>Product</th>
<th>Maturity</th>
<th>Heat Units</th>
<th>Height</th>
<th>Ear Type</th>
<th>Stalk</th>
<th>Root</th>
<th>Ear Retention</th>
<th>Staygreen</th>
<th>Drydown</th>
<th>Corn After Corn</th>
<th>Herbicide Sensitivity</th>
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Roundup Ready® Corn 2 contains in-plant tolerance to Roundup® brand herbicides, enabling growers to spray Roundup® brands over the top, from planting through the V8 stage or 30-inch corn height, with excellent crop safety and no yield reduction. Compared to popular conventional corn programs, the Roundup Ready® Corn 2 system costs less, while allowing hybrids to reach their maximum yield potential. While the U.S. regulatory agencies have given full approval to Roundup Ready® Corn 2 for commerce in the U.S. for marketing and consumption as food, food ingredients, and feed for livestock, certain regulatory approvals are pending in certain export markets. For more information on these approvals, or for assistance in locating domestic grain outlets, see the American Seed Trade Association web site (www.amseed.org) or contact Monsanto directly at 800-768-6387.

<table>
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<th>Height</th>
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VT Double PRO® RIB Complete® Corn Blend

VT Double PRO® RIB Complete® Corn Blend is a mix of 95% traited and 5% refuge seed. With refuge-in-a-bag, there’s no need to calculate or plant separate, structured refuge in the Corn-Growing Area. It contains dual modes of action for maximum protection against corn earworm and other above-ground pests, like European and Southwestern corn borers and fall armyworm.

<table>
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<th>Maturity</th>
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<th>Height</th>
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<th>Stalk Strength</th>
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<td>R</td>
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**NEW!**

**VT2P RIB**

- Great test weight with food grade potential
- Very good stalk strength
- Very good drought tolerance
- Widely adaptable to various soil types

**NEW!**

- Excellent test weight for possible food grade
- Excellent stalks and roots
- Strong performance of all soil types and environments

**NEW!**

- Excellent stalk and root strength
- Very good husk cover
- HIGH YIELDING PERFORMER!
SmartStax® contains Genuity® VT Triple PRO® and Herculex® XTRA Insect Protection traits to control root, stalk, and ear-feeding insects, plus Roundup Ready 2 Technology® and Liberty® herbicide tolerance for weed protection. SmartStax® brings together eight different genes in top-performing hybrids. SmartStax® combines the industry’s best-performing trait package of herbicide tolerance and above- and below-ground insect protection into a single multi-stacked corn trait product.
### NEW! KSC 6511 SS RIB

**111 DAYS**
- Very good stalks and roots
- Very good disease package
- Excellent late season attractiveness
- Widely adaptable to various soil types

### NEW! KSC 6514 SS RIB

**114 DAYS**
- Excellent test weight
- Very good stalk strength
- Very good drought tolerance
- Widely adaptable to various soil types

### NEW! KSC 6511 VT3P RIB

**111 DAYS**
- Excellent stalk and root strength
- Very good husk cover
- HIGH YIELDING PERFORMER!

### KSC 6715 SS RIB

**115 DAYS**
- Robust plant
- Good grain quality
- Widely adaptable to various soil types

### KSC 6617 VT3P RIB

**117 DAYS**
- Excellent stalk and root strength
- Very good husk cover
- HIGH YIELDING PERFORMER!

### KSC 6916 SS RIB

**116 DAYS**
- Excellent test weight for possible food grade
- Excellent stalks and roots
- Strong performance of all soil types and environments

---

**Product** | **Maturity** | **Heat Units** | **Height** | **Ear Type** | **Stalk Strength** | **Root Strength** | **Ear Retention** | **Staygreen** | **Drydown** | **Corn After Corn** | **Herbicide Sensitivity**
---|---|---|---|---|---|---|---|---|---|---|---
KSC 6514 SS RIB | 114 | 2700 | MT | F | 1 | 2 | 1 | 1 | 1 | R | A
KSC 6715 SS RIB | 115 | 2775 | T | SF | 2 | 2 | 1 | 1 | 2 | RF | A
KCS 6916 SS RIB | 116 | 2772 | MT | SF | 1 | 1 | 2 | 1 | N/A | R | A
KSC 6511 VT3P RIB | 111 | 2580 | M | SF | 1 | 1 | 2 | 3 | 1 | RF | GR
KSC 6617 VT3P RIB | 117 | 2850 | M | F | 1 | 1 | 1 | 3 | 3 | R | -

**SmartStax® RIB Complete® Corn Blend and Genuity® VT Triple PRO® RIB Complete® Corn Blend**

Genuity® VT Triple PRO® RIB Complete® Corn Blend is a mix of 90% traited and 10% refuge seed. With refuge-in-a-bag, there’s no need to calculate or plant separate, structured refuge in the Corn-Growing Area. Dual modes of action protect against corn earworm and other above-ground, ear-feeding insects. An additional single mode of action provides protection from below-ground pests like corn rootworm.
GREAT HARVESTS START HERE.

PONCHO®/VOTIVO®

America’s #1 seed treatment protects more than 40 million acres of corn each year from early-season insects and nematodes both above and below the ground. For better value, healthier stands and average yield increases of 10 bu./acre over standard fungicide systems, contact your seed dealer, Bayer representative or visit ponchovotivo.us.

AVAILABLE FOR CORN, COTTON, SOYBEANS AND SORGHUM.
# Conventional and LibertyLink® Soybeans

## Product Maturity Height Emergence Lodging Canopy PRR BSR SCN SDS Pubescence

<table>
<thead>
<tr>
<th>Product</th>
<th>Maturity</th>
<th>Height</th>
<th>Emergence</th>
<th>Lodging</th>
<th>Canopy</th>
<th>PRR</th>
<th>BSR</th>
<th>SCN</th>
<th>SDS</th>
<th>Pubescence</th>
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<td>R-3</td>
<td>T</td>
<td>LTa</td>
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**KSC 3089 C**
- Prairie Soils variety
- Great disease package
- Excellent emergence

**KSC 3589 C**
- Excellent emergence
- Medium-bush plant type
- Adaptable to various soil types

**KSC 3989 C**
- Excellent emergence
- Good disease package
- High yielding variety
- Adaptable to various soil types

**KSC 29L86 C LL**
- Solid disease package
- Top yielding performer
- Good standability

**KSC 32L86 C LL**
- Performs well in high yielding environments
- Good disease package
- Excellent emergence

**KSC 35L46 C LL**
- Excellent emergence
- High yielding variety
- Excellent disease package
- Adaptable to various soil types

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**LibertyLink® Soybeans:** The LibertyLink® system is the simply better solution for a stronger yield and superior weed control. Proven by over 2,100 observations across the Midwest, Delta, Northeast and Southeast in the 2016 Official Variety Trials, LibertyLink has a 2+ bu/ac advantage over Asgrow® Roundup Ready 2 Xtend® soybeans. Plus, LibertyLink was ranked the No. 1 soybean system in 2017 by growers. 

*Field shown summarizes average of LibertyLink and Asgrow RR2Xtend varieties entered. Endorsement or recommendation by the universities is not implied. 2017 Soybean Trait Intentions market research.

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### LibertyLink®, Genuity® Roundup Ready 2 Yield®, and Roundup Ready 2 Xtend® Soybeans

#### SOYBEAN PRODUCTS

**KSC 38L46 C LL**

- **Maturity:** 3.8 RM
- *Excellent emergence*
- *Excellent disease package*
- *Adaptable to various soil types*

**KSC 39L46 C LL**

- **Maturity:** 3.9 RM
- *Excellent eye appeal*
- *Excellent emergence*
- *Adaptable to various soil types*

**KSC 44L86 C LL**

- **Maturity:** 4.4 RM
- *Excellent emergence*
- *Medium-bush canopy*
- *Adaptable to various soil types*

**KSC 32R262 C**

- **Maturity:** 3.2 RM
- *Bush plant type*
- *Excellent disease package*
- *Adaptable to various soil types*

**KSC 35R265 C**

- **Maturity:** 3.5 RM
- *Excellent emergence*
- *Very good SDS tolerance*
- *Bushy type variety*

**KSC 29RX68 C**

- **Maturity:** 2.9 RM
- *Complete disease package*
- *Fits in all row widths, excels in narrow rows*
- *Outperforms closest Roundup Ready 2 Xtend® competitor*

**KSC 31RX67 C**

- **Maturity:** 3.1 RM
- *Excellent emergence*
- *Great defensive traits*
- *2 Bu. better than KSC 32R262C*

**KSC 32RX67 C**

- **Maturity:** 3.2 RM
- *Stands like a tree*
- *Excellent disease package*
- *3 Bu. better than KSC 31R263C*

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**Genuity® Roundup Ready 2 Yield®**

Soybeans have demonstrated a clear yield advantage: They yield an average 4.5 Bu/A advantage over original Round Ready soybeans. Studies show that Roundup Ready 2 Yield soybeans develop greater root biomass, more nodes on the main stem, and larger shoot biomass than original Round Ready® soybean products.

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**RR2Y**

- *Excellent emergence*
- *Medium-bush canopy*
- *Adaptable to various soil types*

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<table>
<thead>
<tr>
<th>Product</th>
<th>Maturity</th>
<th>Height</th>
<th>Emergence</th>
<th>Lodging</th>
<th>Canopy</th>
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2019 Seed Guide 10
Roundup Ready 2 Xtend® Soybeans

**RR2X**

Roundup Ready 2 Xtend® Soybeans are built on the high yielding Roundup Ready 2 Yield® soybean technology. Roundup Ready 2 Xtend® is the industry’s first biotech-stacked soybean trait with both dicamba and glyphosate herbicide tolerance. With tolerance to glyphosate and dicamba, farmers will have access to additional tools to help control glyphosate-resistant broadleaf weeds such as Palmer amaranth, waterhemp and marestail, along with other tough-to-control broadleaf weeds such as lambsquarters and velvetleaf. The technology offers the yield and quality potential that farmers already know and trust from their Roundup Ready 2 Yield® soybeans.

<table>
<thead>
<tr>
<th>Product</th>
<th>Maturity</th>
<th>Height</th>
<th>Emergence</th>
<th>Lodging</th>
<th>Canopy</th>
<th>PRR</th>
<th>BSR</th>
<th>SCN</th>
<th>SDS</th>
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</table>
KSC TriKote Soybean Treatment

KSC TriKote is a seed applied soybean fungicide program from Kitchen Seed Company, Inc. With earlier planting and more no-till acres, there is more risk than ever to your seed cost investment. KSC TriKote is a combination of fungicides that protects your soybean seed during germination and through the early growth stages against diseases. It also improves emergence, stand, and yield under tough spring conditions.

- Provides broad-spectrum protection against diseases such as Rhizoctonia, Fusarium, Pythium, and Phytophthora
- Provides protection against seedborne fungi that attack your crop during the critical phase from planting to emergence
- Multiple fungicides combining traditional crop protection and biological activity

Poncho®/VOTiVO® Seed Treatment

Poncho®/VOTiVO® seed treatment protects young plants from pests during critical early development stages, leading to healthier root development and stronger stands. Applied directly to the seed, Poncho®/VOTiVO® protects the whole plant, above and below ground, preventing damage to early-season seedlings and roots before pests can strike.

- Poncho®/VOTiVO® controls insects including cutworm, wireworm, seedcorn maggot, and white grub, and provides protection against nematodes.

ILeVO®

- The only product that offers effective protection against Sudden Death Syndrome (SDS) and nematodes in the seed zone
- Protects against both foliar symptoms and root rot caused by the SDS pathogen
- Broad spectrum nematicide effective against Soybean Cyst Nematode (SCN) and other nematodes
KSC 416<sub>W</sub>

- Early to medium maturity
- Siemer Milling approved
- Very healthy, good head scab tolerance
- Fantastic eye appeal
- Excellent wheat for double crop growers
- High yielding variety
- Should be planted between 1.2 and 1.5 million seeds/acre

KSC 417<sub>W</sub>

- BEARDED wheat
- Good disease package
- Early to medium maturity
- Excellent standability
- Very good straw strength
- High yielding variety

KSC 418<sub>W</sub>

- NON-BEARDED wheat
- Excellent milling quality
- 37-inch tall plant height
- Above average test weight
- Excellent tolerance to current strains of stripe rust
- Should be planted between 1.2 and 1.5 million seeds/acre

KSC seed wheat is available in 50 lb. Bags or Bulk, plain or with EverGol™ Energy seed treatment

**EverGol™ Energy:**

- Controls Rhizoctonia, Fusarium, Phytophthora, Barley stripe, Cereal smuts, and Common bunt
- Promotes consistent crop growth starting with emergence
Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as 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 the most recent stewardship requirements.

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. 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.

IMPORTANT IRM INFORMATION: 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. SmartStax® RIB Complete® corn blend is not allowed to be planted in the Cotton-Growing Area. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® technology contain 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.

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower’s fields.

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.

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Poncho®/VOTiVO®, America’s number one seed treatment, protects more than 40 million acres of corn each year from early-season insects and nematodes both above and below the ground. Poncho®/VOTiVO® provides for better value, healthier stands and average yield increases of 10 bu./acre over standard fungicide systems.

Soybean 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, Genuity® Roundup Ready® spring canola, and Genuity® Roundup Ready® winter canola. 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

LibertyLink® Patent Statement
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 Bayer 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.