



**King's AgriSeeds** Inc.

FEEDING YOUR FARM'S FUTURE.

**-2022 EARLY ORDER GUIDE-**

# Helping you optimize **PRODUCTIVITY** on every acre!



King's AgriSeeds Staff

## Who We Are

We, our staff and dealers, want to get to know YOU and your operation. Our commitment to modern agriculture is strong and our goal is to help you find the products that fit your farm and develop a cropping system that is balanced and profitable. Based out of Lancaster, PA, King's AgriSeeds services Virginia to Maine with a full line of forage and cover crops.

## What's Important to Us

### Focused on Optimizing.

To 'optimize' is to make the best or most use of a resource. It's our mission to help you make the most of your land resource through production systems that work for you.

### Committed to Quality.

We are committed to bringing you the highest quality products available and providing valuable education to compliment them in your production systems.

### Dedicated to Success.

We are dedicated to your success. It's our goal to serve you with honesty and integrity. Whether our recommendation results in a seed sale or not, we do recommend what we feel is best for your operation.

## How We Help You

### Research and Development

We rely on in-house variety trials and quality samples, as well as utilizing university and privately sponsored trials to bring you top-performing varieties for our region. When a new variety hits your farm, rest assured that it has been trialed extensively to ensure that it aligns with our goals.

### Extensive Dealer Network

Our local dealers do more than sell seed. They are your best advisors. Many of them have experience with our products on their own operations, are key members of local forage and conservation programs, and attend our frequent training programs. They have the tools to serve your needs!

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## King's AgriSeeds, Inc

1828 Freedom Rd  
Lancaster, PA 17601  
(717) 687-6224  
KingsAgriSeeds.com



**Mission:** To serve the agricultural community by providing premium seed along with relevant information to our seed dealers and their customers to develop productive cropping systems. We strive for a God honoring workplace where the gifts and talents of each team member is used for His Kingdom.

Save Up to 5% off Your Spring Order With...

# P.O.W.E.R. Play

The NEW Early Order Program from King's AgriSeeds.

**Place  
Orders  
With  
Early  
Rewards**

For each category in your early spring order, add an additional 1% off, up to 5%!

- Corn
- Perennial Mixtures
- Straight Perennials
  - Including: grasses, alfalfa, clover, forbs etc.
- Annuals
  - Including: mixtures, small grains, summer annuals, brassicas, etc.
- Biologicals
  - Including: BioTrigger, Lallemand, etc.

2 category minimum, order must be placed by December 31st.

Stack up to 8% savings with our PrePay Credit program!  
See PrePay Credit details on page 4.

## What Products Qualify?

The Full Spring Lineup! See page 29 for our Full Spring Product Listing! Including our favorite brands...



# FINANCE PROGRAMS—2022

## PRE-PAY CREDIT PROGRAM: PAY & SAVE



PROGRAM PERIOD	PREPAY CREDIT
SEPTEMBER 1 - OCTOBER 31, 2021	8%
NOVEMBER 1 - NOVEMBER 30, 2021	7%
DECEMBER 1, 2020 - JANUARY 15, 2022	6%
JANUARY 16 - JANUARY 31, 2022	5%
FEBRUARY 1 - FEBRUARY 28, 2022	4%

**Pre-Pay Programs are for Spring 2022 Products.**

## JOHN DEERE FINANCE OPTIONS: *Various options below.* Minimum order is \$1,000



Fall 2021	FIXED PROGRAM PERIOD	JOHN DEERE FINANCE OFFER	KING'S PREPAY CREDIT	CUSTOMER PAYMENTS MONTHLY	
		AUGUST 1 – OCTOBER 31, 2021	FIXED 5%	0%	10 EQUAL MONTHLY PAYMENTS
Spring & Summer 2022 Plantings	DEFERRED PROGRAM PERIOD	JOHN DEERE FINANCE OFFER	KING'S PREPAY CREDIT	CUSTOMER DUE DATE	
		SEPTEMBER 1 - OCTOBER 31, 2021	PRIME - 1%	3%	IN FULL DECEMBER 2022
		NOVEMBER 1 - NOVEMBER 30, 2021	PRIME - 1%	2%	IN FULL DECEMBER 2022
		DECEMBER 1- DECEMBER 31, 2021	PRIME - 1%	1%	IN FULL DECEMBER 2022
		JANUARY 1—FEBRUARY 28, 2022	PRIME - 1%	0%	IN FULL DECEMBER 2022
		MARCH 1- JULY 31, 2022	PRIME + 1%	0%	IN FULL DECEMBER 2022
	FIXED PROGRAM PERIOD	JOHN DEERE FINANCE OFFER	KING'S PREPAY CREDIT	CUSTOMER PAYMENTS MONTHLY	
		SEPTEMBER 1 – OCTOBER 31, 2021	FIXED 0%	3%	10 EQUAL MONTHLY PAYMENTS
		NOVEMBER 1 - NOVEMBER 30, 2021	FIXED 0%	2%	10 EQUAL MONTHLY PAYMENTS
		DECEMBER 1 - DECEMBER 31, 2021	FIXED 0%	1%	10 EQUAL MONTHLY PAYMENTS
		JANUARY 1- FEBRUARY 28, 2022	FIXED 0%	0%	10 EQUAL MONTHLY PAYMENTS
	MARCH 1- JULY 31, 2022	FIXED 5%	0%	10 EQUAL MONTHLY PAYMENTS	
Fall 2022	FIXED PROGRAM PERIOD	JOHN DEERE FINANCE OFFER	KING'S PREPAY CREDIT	CUSTOMER PAYMENTS MONTHLY	
	AUGUST 1 – OCTOBER 31, 2022	FIXED 5%	0%	10 EQUAL MONTHLY PAYMENTS	

# Forage Inoculants



You already use the best forage genetics, now take it one step further and use the best forage inoculants to preserve and enhance that top quality feed!

**MAGNIVA<sup>®</sup>**  
**TITANIUM**

**MAGNIVA Titanium** combines an elite lactic acid producing bacteria with high activity enzymes to drive a fast, efficient ensiling fermentation and improve feed digestibility. Titanium also contains the high dose rate *Lactobacillus buchneri* NCIMB 40788 for maximum feedout stability and minimum spoilage. *Previously Biotol Buchneri 500*

**MAGNIVA<sup>®</sup>**  
**SILVER**

**MAGNIVA Silver** combines two specifically selected strains of bacteria and high activity enzymes to drive the fermentation for a quick pH drop, reducing up-front losses, along with producing some acetic acid which reduces heating when exposed to oxygen during feedout. *Previously Biotol Plus II*

**MAGNIVA<sup>®</sup>**  
**CLASSIC**

**MAGNIVA Classic** combines bacteria and enzymes to help drive a fast, efficient fermentation and supports lactic acid production for a stable, low final pH to put you in control of silage quality. *Previously Sil-All*

## Get Cash Back on Lallemand Forage Inoculants!

Contact your Kings AgriSeeds representative today to learn more about how you can lock in 10% back on your inoculant purchase when you pre-book your MAGNIVA inoculant for 2022.

Program runs September 1, 2021 – March 31, 2022

## KF BioTrigger

The **Trichoderma** in BioTrigger improves stress-tolerance and uniformity in gene expression by triggering gene regulation that enhances metabolic pathways and intensifying the root system—this influences a positive response to adverse weather conditions such as heat and drought. The **micronutrient package** in BioTrigger helps your seedlings establish quickly, further boosting your crop performance!



- BioTrigger Corn
- BioTrigger Annual Grasses/Cereals
- BioTrigger Perennial Grasses



# Tailored

## *Perennial Mixtures*

We put it right on the bag– Tailored Perennial Mixtures. Our lineup consists of 24 perennial mixtures, containing varying amounts of alfalfas, grasses, clovers and forbs. We have mixes designed for all classes of livestock, soil types and climates within our footprint. These well balanced mixtures have been developed over many years with the help of our dealer network and from customers such as yourself.

Talk to your local dealer about how our mixtures may fit into your operation!



## **Grazing Mixture Highlights!**

**EquiFlex**— An easy-to-dry hay mix of high-quality species designed for horse hay producers. EquiFlex forage looks exceptional for resale and performs well in the field. The mix handles a variety of soil conditions and is in general an early maturing mix. This trait allows the species to regrow for a second harvest before extreme heat sets in.

**Beefmaster**— A mixture of forage grasses and white clover, formulated for rapid weight gain in stocker cattle, beef cows and calves. It contains soft-leaf tall fescues with improved palatability and digestibility. Beefmaster is not only persistent but yields exceptionally well.

A mixture is only as good as it's components!  
We select from a global pool of seed genetics and screen them for performance in our region.

# Stored Forage Mixture Highlights!

**Milkway-** A blend of soft leaf tall fescue and meadow fescue for high quality, highly digestible forage. Milkway is traffic tolerant. Ideal for interplanting with alfalfa, as it will not take over the alfalfa and does not disappear after a couple of years in the alfalfa stand.

**NutraMax—** Highly digestible alfalfa, clover and grass mix that is primarily adapted to central PA and north. It's best use is haylage and baleage as it will dry a little slow for dry hay. Both protein and energy levels are superb! This mix was developed by a top-end dairy nutritionist over the course of several years.

**King's HayPro —** A well balanced mixture of leafy, late heading grasses and traffic tolerant alfalfa that makes soft hay that livestock, calves and horses love. Add it to dairy rations for a great source of high quality effective fiber to slow down rate of passage without sacrificing quality.

"What I like about NutraMax is that it is comprised of all highly digestible legumes and grasses and while many other mixes may feed well in the first year or two the legumes seem to be quickly be taken over by the grasses. For me the biggest advantage that NutraMax has over other mixes is that the grasses used in the mix don't drown out the alfalfa after the first couple of years."

-Dan Custer, New York

## King's Perennial Mixtures

- Regionally Developed
- Locally Tested
- Species Balanced
- Use Specific—Grazing / Stored
- Tailored to Soil Type
- Improved Varieties



# Perennial Grass Highlights

## Stability & Durability– Tall Fescue

Older varieties with toxic endophytes have given tall fescue a bad name. Tall fescue is a very stable grass, both agronomically and nutritionally throughout the growing season. Where many other grasses thin out, tall fescue stays persistent and consistent over the life of the stand. Our lineup of tall fescues feature improved palatability are either endophyte-free, or contain beneficial endophytes for improved durability in warmer climates.

**STF 43 Tall Fescue Blend**—A blend of Barenbrug soft leaf, late heading varieties. Strong yields of digestible fiber.

**Kora**— A proven variety, that is late, and very high yielding hay type tall fescue with improved digestibility. Kora has impressed us with very high yields almost everywhere we put it. Kora works well mixed with alfalfa and helps it dry more easily.

**Looking for a  
Beneficial Endophyte?  
Contact us Today!**

## Heat & Drought Tolerant- Orchardgrass

Orchardgrasses are more heat and drought tolerant than most cool season grasses, and thus produces more feed in the summer. Orchardgrass is sensitive to cutting height, so we recommend a residual cutting/grazing height of 4 inches.



**Inavale**— Inavale is a medium-late maturing leafy orchardgrass with strong disease resistance. Its summer heat tolerance makes it a great choice for grazing or hay. This orchardgrass was screened heavily in northern Kentucky and has been superb in our Lancaster plots.

**HLR**—A mixture of Barenbrug leafy late maturing orchardgrass varieties. Has high leaf ratio for improved digestibility. HLR Orchardgrass holds its quality exceptionally well if harvest is delayed.

**Olathe**— An early orchardgrass that stands up well to disease and heat. Olathe has become our top choice orchardgrass for the south but will also do well in the north. Olathe is now included in many of our grazing and early hay mixtures.

## Enhanced Quality- Festulolium

Festuloliums are crosses between ryegrass and tall fescue or meadow fescue. The variety differences can range from short lived to perennial. They also range in their agronomic traits from ryegrass-like to fescue-like.

**Fojtan**— A long lived hexaploid variety festulolium that tolerates heat and drought well. Fojtan is a tall fescue type festulolium with enhanced nutritional qualities. The appearance of Fojtan is much like tall fescue. The two key differences are enhanced feeding quality and it is not aggressive in mixtures. Adapted to zones 4 and warmer.

**Perun**— Tetraploid variety of festulolium, An Italian ryegrass type with high yield with great sugar content. Utilized for silage as a pure crop or in a mixture. Perun is the main ingredient in our ever popular GreenFast Mixture. Perun has high dry matter yield with great quality. Adapted to zones 5 and cooler.



# Perennial Legume Highlights

## Proven & True – Alfalfa

KingFisher Alfalfas offer a variety of solutions. For over 20 years we have selected alfalfas based on agronomic *AND* nutritional performance. We have one of the best alfalfa lineups.



### KingFisher 519...High Yielding

A blend of 2 high yielding, fall dormancy 5 alfalfas. Both alfalfas feature multifoliate leaf structures, which means a high leaf to stem ratio and higher feed value for your livestock.

### KingFisher 435 HD®...High Digestibility

KF- 435HD is a next generation HD alfalfa, and was bred for quality and delivers outstanding NDFD 48 and TTNDFD scores, AND has APH Race 2 resistance! KF-435HD has an excellent agronomic package that provides a very persistent & healthy plant for top production over a broad range of soils. *HD® is a Registered Trademark of Legacy Seeds, Inc.*

### KingFisher Stronghold 35-2...Branch Root / Sunken Crown

Stronghold brings a great defense to our alfalfa line-up. Stronghold features a sunken crown for great traffic tolerance, while branched roots keep the plant firmly in the ground during freezing and thawing, and helps protect the plant from water damage by keeping more roots above the water table. Stronghold also features great winter hardiness and disease resistance. APH Race 2 Resistance.

## Stable & Versatile—Perennial Clovers

Perennial clovers can be a great tool to balance out grazing or hay grounds. Our diverse line up is a great asset to ensure the right product for each application.

**Premium Clover Mix**-A mixture of our best perennial clovers. Red and white clovers combine to make a mixture that is great for interseeding into thinning alfalfa or grass stands, frost seeding or combining with your favorite grass mixture. Varieties are hardy and long lived.

**Clifford Red Clover**-Named for its very large leaf size, this exciting new medium red clover was selected from premium genetics to deliver high quality forage during multiple harvests over multiple years. A great choice for both dairy and beef producers.



# Cool Season Highlights:

**Ray's Crazy Spring-** A dual purpose soil improving cover crop and high quality forage. This mix provides quick spring nitrogen for the following crop, recycles nutrients, and builds soil health. This mix contains blooming species that attract beneficials. This balanced mix contains a total of 8 species: grasses, legumes and brassicas.

**KingFisher Allegro Blend-** A blend of European bred Italian Ryegrasses. If seeded in the spring in cooler climates, it will make several cuttings per year of very high quality forage and will not form a seed head unless vernalized. Avoid droughty and/or low fertility soils.

Also Available  
as



## Spring Grains

Higher in forage quality and yield. Bred for fiber digestibility. They are versatile in mixtures and add the option of a fall cutting to an otherwise spring only harvested mixture.

**Niagara** - A medium maturity Canadian forage oats with improved rust resistance. At boot stage, Niagara is high in crude protein and in percent digestible fiber.

**Everleaf 126**— A true spring oat with erect growth habit and great standability. A high quality & yielding forage. Late heading date and improved leaf density. Great for haylage and balage.

**Surge™** - This high sugar awnless variety of triticale is facultative, meaning that it does not need to go through a cold period to be productive. Can be planted in either fall or the spring. Produces a high yield of a quality silage that is tall, erect and late.



# Warm Season Highlights:

**Rays Crazy Summer-** This diverse mixture was created for dual purpose grazing and soil health improvement. Great for lactating animals or grass finished beef. It is also an excellent short term cover & smother crop. It contains 7 species including grasses, legumes and brassicas.

## Sorghum Sudan & Sudangrass

Multi-cut or graze options. High digestibility BMR 6 options available in addition to options with unique characteristics such as photoperiod sensitivity and dry stalk.

**King's 200PS BMR-** A widely adapted photoperiod sensitive BMR sudangrass hybrid that has an extended harvest window. This hybrid has very fine stems and high leaf-to-stem ratio. Excellent for grazing and baleage and is our most palatable sudangrass.

**AS9301-** A very exciting gene 6 BMR sudangrass that has great vigor and extremely high quality. Because of the dry stalk characteristic, AS9301 dries easier than sorghum sudangrass, which makes it possible to dry for hay. Excellent for grazing, baleage, and dry hay.



**"KF Sugar Pro 55 is aggressive, has great regrowth and I never saw cattle finished on such good forage; you can even finish beef in the winter months! Its all around good."**

**KingFisher Sugar Pro 55-** This BMR sorghum sudan hybrid is an aggressive grower with fine, sweet stems with the dry stalk gene for easy dry down and highly digestible. Sugar Pro 55 is extremely drought tolerant. This forage makes for easy double cropping with cool season annuals.

## Forage Millet

No danger of prussic acid. Millet needs a soil temperature of 65 degrees or more to germinate, and growth slows down when cool weather comes. Frost kills it, but it can still be grazed with no fear of prussic acid. It will tolerate wetter years better than sudangrass.

**KF Prime 180 BMR Millet-** A Leafy, high-yielding dwarf plant with excellent standability. KF Prime 180 Millet has higher quality and protein than sorghums. Improved staygreen for later harvests. Easy double cropping.





# KINGFISHER CORN

Expensive feed inputs are making it even harder for livestock farmers to make a profit.

Feeding our highly digestible KingFisher & Red Tail silage corn lowers feed costs while increasing energy and profitability.

- **Are you spending too much on feed inputs?**  
Feeding highly digestible silage corn lowers feed costs while increasing dry matter intake and energy levels.
- **Is undigested corn ending up in the manure?**  
The high fiber and starch digestibility of KingFisher corn mean that more of your forage (and your dollars) is going to work inside the rumen—and less is passing through as waste.
- **Could you use help in your farming operation?**  
Our forage specialists want to partner with you to make your farming operation a success.

## The KingFisher Advantage

**KingFisher corn is first and foremost about digestibility.** Digestibility drives energy. High digestibility is key to success with livestock. Higher energy results in healthier cows. Healthier cows produce—and reproduce—more efficiently. That means higher profits for you. Research by our corn team, in collaboration with farmers and industry professionals, focuses on selecting varieties that excel in fiber digestibility and starch availability.

**KingFisher corn is a complete corn lineup—conventional, organic, traited, and BMR varieties.** Our corn not only delivers the best in fiber and starch digestibility, but also supports tonnages and agronomics that are top shelf for silage. It consistently performs year after year, boosting herd performance in farms across America.

**KingFisher corn is brought to you by three major forage companies—Byron Seeds, Kings AgriSeeds, and Southeast AgriSeeds.** Our network includes over 400 dealers—most of whom are farmers themselves—as well as nutritionists, agronomists, and other forage specialists.

**Our dealers are trained to develop silage corn cropping plans,** as well as entire cropping systems, tailored to your farm, to help you maximize digestible crops per acre. Together, we want to develop a forage plan that will boost your herd's performance and your bottom line.

**Call our local KingFisher dealer today.** With your local dealer as your guide, you will increase the energy of your feed and the success of your farming operation.

*KingFisher corn harvest in Wisconsin*



**KF 34C30**

CONVENTIONAL / ORGANIC

84 Day RM

Impressive performance across high and low yield environments for silage and dry grain. Very good disease ratings. Very good stay green for very good dry down in late season. Very good test weight with very good starch digestibility.

- Light red cob
- Excellent roots
- Dual-purpose silage and grain
- High yields across varied soils

**Tips:**

- Recommended Population 27-32K
- Not for use on continuous corn acres
- Very good response to fungicide application

<b>Seedling Vigor</b> ..... Very Good	<b>Gray Leaf Spot</b>
<b>Plant Height</b> ..... Medium-Tall	<b>Tolerance</b> ..... Very Good
<b>Ear Height</b> ..... Medium	<b>Northern Leaf</b>
<b>Ear Flex</b> ..... Very Good	<b>Blight Tolerance</b> ..... Very Good
<b>Cob Color</b> ..... Light Red	<b>Goss's Wilt</b>
<b>Stalk Strength</b> ..... Very Good	<b>Tolerance</b> ..... Very Good
<b>Root Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Very Good
<b>Stay Green</b> ..... Very Good	<b>SofStarch Rating</b> .... Very Good
<b>Dry Down</b> ..... Very Good	<b>Milk per Ton</b> ..... Very Good
<b>Test Weight</b> ..... Very Good	<b>Milk per Acre</b> ..... Very Good

**KF 38C80**

CONVENTIONAL

88 Day RM

A dual-purpose hybrid with semi-flex ears and excellent seedling vigor. Consistent yield and widely adapted across northern regions and soil types. Excellent stalk and very good root strength.

- Excellent FiberGest
- Medium-tall plant with medium ear placement
- Excellent SofStarch
- Red cob with 16 kernel rows

**Tips:**



<b>Seedling Vigor</b> ..... Excellent	<b>Gray Leaf Spot</b>
<b>Plant Height</b> ..... Medium-Tall	<b>Tolerance</b> ..... Very Good
<b>Ear Height</b> ..... Medium	<b>Northern Leaf</b>
<b>Ear Flex</b> ..... Very Good	<b>Blight Tolerance</b> ..... Excellent
<b>Cob Color</b> ..... Red	<b>Goss's Wilt</b>
<b>Stalk Strength</b> ..... Excellent	<b>Tolerance</b> ..... Excellent
<b>Root Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Excellent
<b>Stay Green</b> ..... Excellent	<b>SofStarch Rating</b> .... Excellent
<b>Dry Down</b> ..... Very Good	<b>Milk per Ton</b> ..... Excellent
<b>Test Weight</b> ..... Very Good	<b>Milk per Acre</b> ..... Excellent

**KF 40C30**

ORGANIC

90 Day RM

Excellent hybrid for grain with fast dry down for timely grain harvest, excellent emergence and very good to excellent disease ratings.

- Excellent yield potential for grain
- Medium-tall plant with a girthy ear
- Quick dry down
- Excellent leaf and stalk disease ratings

**Tips:**

- Recommended Population 28-32K
- Adapted to wide range of growing conditions within maturity zone

<b>Seedling Vigor</b> ..... Very Good	<b>Gray Leaf Spot</b>
<b>Plant Height</b> ..... Medium-Tall	<b>Tolerance</b> ..... Very Good
<b>Ear Height</b> ..... Medium	<b>Northern Leaf</b>
<b>Ear Flex</b> ..... Very Good	<b>Blight Tolerance</b> ..... Very Good
<b>Cob Color</b> ..... Red	<b>Goss's Wilt</b>
<b>Stalk Strength</b> ..... Very Good	<b>Tolerance</b> ..... Excellent
<b>Root Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Very Good
<b>Stay Green</b> ..... Excellent	<b>SofStarch Rating</b> .... Very Good
<b>Dry Down</b> ..... Very Good	<b>Milk per Ton</b> ..... Very Good
<b>Test Weight</b> ..... Very Good	<b>Milk per Acre</b> ..... Very Good

**KF 42C20**

CONVENTIONAL / ORGANIC

92 Day RM

High yield with flex ears and impressive grain quality, outstanding silage hybrid for quantity and quality.

- High yielding grain potential
- Good agronomics
- Dual-purpose silage and grain

**Tips:**

- Recommended Population 26-30K
- Best performance when kept in maturity zone

<b>Seedling Vigor</b> ..... Excellent	<b>Gray Leaf Spot</b>
<b>Plant Height</b> ..... Medium-Tall	<b>Tolerance</b> ..... Very Good
<b>Ear Height</b> ..... Medium-High	<b>Northern Leaf</b>
<b>Ear Flex</b> ..... Excellent	<b>Blight Tolerance</b> ..... Very Good
<b>Cob Color</b> ..... Pink	<b>Goss's Wilt</b>
<b>Stalk Strength</b> ..... Very Good	<b>Tolerance</b> ..... Good
<b>Root Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Very Good
<b>Stay Green</b> ..... Very Good	<b>SofStarch Rating</b> .... Very Good
<b>Dry Down</b> ..... Very Good	<b>Milk per Ton</b> ..... Very Good
<b>Test Weight</b> ..... Very Good	<b>Milk per Acre</b> ..... Excellent

**KF 43C40**

CONVENTIONAL

93 Day RM

Very high yielding grain potential, showy canopy closes quickly, dual purpose grain or silage plant, flex ears, great corn-on-corn option.

- Dual-purpose silage and grain
- Quick canopy closer
- Very good FiberGest and SofStarch

**Tips:**

- Recommended Population 28-32K
- First rate agronomic and disease package
- Great heat and drought tolerance

<b>Seedling Vigor</b> ..... Very Good	<b>Gray Leaf Spot Tolerance</b> ..... Very Good
<b>Plant Height</b> ..... Medium-Tall	<b>Northern Leaf</b>
<b>Ear Height</b> ..... Medium	<b>Blight Tolerance</b> ..... Excellent
<b>Ear Flex</b> ..... Excellent	<b>Goss's Wilt</b>
<b>Cob Color</b> ..... Pink	<b>Tolerance</b> ..... Very Good
<b>Stalk Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Very Good
<b>Root Strength</b> ..... Very Good	<b>SofStarch Rating</b> .... Very Good
<b>Stay Green</b> ..... Very Good	<b>Milk per Ton</b> ..... Very Good
<b>Dry Down</b> ..... Very Good	<b>Milk per Acre</b> ..... Very Good
<b>Test Weight</b> ..... Very Good	

**KF 45C30**

CONVENTIONAL

95 Day RM

A medium-tall hybrid with semi-erect leaves that produces long flexed ears with 16-18 kernels around. Very good stay green and excellent tolerance to Goss's Wilt and GLS.

- Top performance across a wide range of environments
- Very good stalk/root strength
- Very good IVSD; great NDFd
- Very good test weight and dry down

**Tips:**

- Recommended Population 27-34K
- Adapted to wide range of soils and management practices
- Good late-season plant intactness for dry grain option
- In top management and good soils, populations should be increased for top yield

<b>Seedling Vigor</b> ..... Very Good	<b>Gray Leaf Spot Tolerance</b> ..... Excellent
<b>Plant Height</b> ..... Medium-Tall	<b>Northern Leaf</b>
<b>Ear Height</b> ..... Medium	<b>Blight Tolerance</b> ..... Very Good
<b>Ear Flex</b> ..... Very Good	<b>Goss's Wilt</b>
<b>Cob Color</b> ..... Red	<b>Tolerance</b> ..... Excellent
<b>Stalk Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Very Good
<b>Root Strength</b> ..... Very Good	<b>SofStarch Rating</b> .... Very Good
<b>Stay Green</b> ..... Very Good	<b>Milk per Ton</b> ..... Very Good
<b>Dry Down</b> ..... Very Good	<b>Milk per Acre</b> ..... Excellent
<b>Test Weight</b> ..... Very Good	

**KF 48C90**

CONVENTIONAL / ORGANIC

98 Day RM

Excellent yield potential for maturity with fast dry down for timely grain harvest, excellent emergence and very good disease ratings.

- Medium plant with a girthy ear
- Quick dry down
- Very good leaf and stalk disease ratings
- Super yield potential

**Tips:**

- Recommended Population 28-32K
- Responds well to good management

<b>Seedling Vigor</b> ..... Excellent	<b>Gray Leaf Spot Tolerance</b> ..... Very Good
<b>Plant Height</b> ..... Medium	<b>Northern Leaf</b>
<b>Ear Height</b> ..... Medium	<b>Blight Tolerance</b> ..... Very Good
<b>Ear Flex</b> ..... Very Good	<b>Goss's Wilt</b>
<b>Cob Color</b> ..... Red	<b>Tolerance</b> ..... Very Good
<b>Stalk Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Very Good
<b>Root Strength</b> ..... Excellent	<b>SofStarch Rating</b> .... Very Good
<b>Stay Green</b> ..... Very Good	<b>Milk per Ton</b> ..... Very Good
<b>Dry Down</b> ..... Excellent	<b>Milk per Acre</b> ..... Excellent
<b>Test Weight</b> ..... Excellent	

**KF 51C50**

CONVENTIONAL

101 Day RM

Medium-tall robust plant with great silage appeal and a wide range of adaptability in multiple regions. The pedigree behind this hybrid brings time-tested consistency with new era yield for silage and grain.

- Consistent performance across wide range of environments and management practices
- Very good dual purpose for silage and grain
- Very good tolerance to stalk and leaf diseases
- Can move south as an early hybrid

**Tips:**

- Recommended Population 30-34 K
- Keep populations on higher end for top yield in better soils
- Use caution applying Capreno, Sharpen, Status, or Corvus herbicides while hybrid is under environmental stress as grain yields may be reduced
- Strong performance between Interstate 90 and Interstate 70

<b>Seedling Vigor</b> ..... Very Good	<b>Gray Leaf Spot Tolerance</b> ..... Very Good
<b>Plant Height</b> ..... Medium-Tall	<b>Northern Leaf</b>
<b>Ear Height</b> ..... Medium-High	<b>Blight Tolerance</b> ..... Very Good
<b>Ear Flex</b> ..... Very Good	<b>Goss's Wilt</b>
<b>Cob Color</b> ..... Pink	<b>Tolerance</b> ..... Very Good
<b>Stalk Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Very Good
<b>Root Strength</b> ..... Very Good	<b>SofStarch Rating</b> .... Very Good
<b>Stay Green</b> ..... Very Good	<b>Milk per Ton</b> ..... Very Good
<b>Dry Down</b> ..... Very Good	<b>Milk per Acre</b> ..... Excellent
<b>Test Weight</b> ..... Very Good	

**KF 52C20**

CONVENTIONAL

102 Day RM

High yielding potential, very good stay green, very heat and stress tolerant, dual-purpose grain or silage hybrid, big plant, white cob with medium placed flex ears.

- Strong agronomics and stay green
- Dual purpose
- Excellent FiberGest and SofStarch
- Excellent milk per ton/acre

**Tips:**

- Recommended Population 26-30K
- Excellent heat and stress tolerance

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Excellent	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	White	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Excellent	<b>Fiber Digestibility</b> ....	Excellent
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Excellent
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Excellent
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent

**KF 54C10**

CONVENTIONAL

104 Day RM

Excellent performance across varied environments. Dual-purpose hybrid with high grain and silage yields. Very good disease ratings. Flex hybrid that works on a wide range of populations.

- Broadly adapted with outstanding agronomics
- Very good dual-purpose hybrid
- High silage and grain yields across varied soils

**Tips:**

- Recommended Population 28-32K
- Consistent high yields across the Midwest and South
- Great disease ratings

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Excellent	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Pink	<b>Goss's</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Wilt Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Excellent
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Excellent
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Excellent
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent

**KF 54C50**

ORGANIC

104 Day RM

A medium-tall plant with medium ear placement, impressive fall intactness and appearance, performs best in good management.

- Excellent dual-purpose hybrid
- Excellent agronomics
- Pink cob; 16-18 kernel rows
- Very good leaf and stalk disease ratings

**Tips:**

- Recommended Population 28-32K
- Responds well to good nitrogen management

<b>Seedling Vigor</b> .....	Excellent	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Pink	<b>Goss's</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Wilt Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Very Good
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent

**KF 56C30**

ORGANIC

106 Day RM

Excellent emergence, very good seedling vigor, very good disease package, stress and drought tolerant, semiflex ears.

- Solid agronomics
- Great drought tolerance
- Good dual-purpose hybrid but leans more toward grain

**Tips:**

- Recommended Population 30-34K
- Excellent emergence and very good seedling vigor
- Selected for wide range of management practices

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium-High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Pink	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Excellent	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Excellent	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Very Good
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Very Good

**KF 57C80** CONVENTIONAL 107 Day RM

A robust plant with excellent silage and grain ratings, dark green canopy-type leaves on a robust stalk, consistent yields in silage and grain.

- High silage yields
- Wide regional adaption
- Excellent roots and late season standability
- Excellent eye appeal

**Tips:**

- Recommended Population 30-36K
- Slower grain dry down due to plant health within maturity range
- Excellent response to fungicide application

Seedling Vigor..... Excellent	Gray Leaf Spot
Plant Height..... Tall	Tolerance..... Very Good
Ear Height..... Medium	Northern Leaf
Ear Flex ..... Excellent	Blight Tolerance..... Very Good
Cob Color..... Red	Goss's Wilt
Stalk Strength..... Very Good	Tolerance..... Very Good
Root Strength..... Excellent	Fiber Digestibility..... Very Good
Stay Green..... Very Good	SofStarch Rating..... Very Good
Dry Down ..... Very Good	Milk per Ton..... Very Good
Test Weight..... Very Good	Milk per Acre..... Excellent

**KF 58C80** CONVENTIONAL 108 Day RM

Quick canopy closer, strong stalks and roots with flexible ears, stress tolerant, very good overall plant health.

- Workhorse suited for most rotations
- Dual-purpose hybrid
- Very good milk per ton/acre

**Tips:**

- Recommended Population 26-30K
- Very good stay green for wide harvest window
- Good for continuous corn rotation
- Excellent fungicide response

Seedling Vigor..... Excellent	Gray Leaf Spot
Plant Height..... Tall	Tolerance..... Very Good
Ear Height..... Medium	Northern Leaf
Ear Flex ..... Excellent	Blight Tolerance..... Very Good
Cob Color..... Pink	Goss's Wilt
Stalk Strength..... Very Good	Tolerance..... Good
Root Strength..... Good	Fiber Digestibility..... Very Good
Stay Green..... Very Good	SofStarch Rating..... Very Good
Dry Down ..... Very Good	Milk per Ton..... Very Good
Test Weight..... Good	Milk per Acre..... Very Good

**KF 60C30** ORGANIC 110 Day RM

A medium-tall plant with medium ear placement, impressive fall intactness and good fall appearance.

- Excellent grain producer
- Red cob; 18-20 kernel rows
- Very good leaf and stalk disease ratings
- Very adaptable

**Tips:**

- Recommended Population 30-32K
- Adapted to a wide range of soils and management

Seedling Vigor..... Excellent	Gray Leaf Spot
Plant Height..... Medium-Tall	Tolerance..... Very Good
Ear Height..... Medium	Northern Leaf
Ear Flex ..... Very Good	Blight Tolerance..... Very Good
Cob Color..... Red	Goss's Wilt
Stalk Strength..... Excellent	Tolerance..... Very Good
Root Strength..... Excellent	Fiber Digestibility..... Very Good
Stay Green..... Excellent	SofStarch Rating..... Very Good
Dry Down ..... Very Good	Milk per Ton..... Very Good
Test Weight..... Very Good	Milk per Acre..... Very Good

**KF 60C50** CONVENTIONAL 110 Day RM

Excellent silage hybrid with great eye appeal, dark green canopy-type leaves with a robust stat, and very good NDFD. This medium stature plant is corn binder friendly.

- Silage specific hybrid with an excellent GLS rating
- Widely adapted east to west
- Very dense canopy
- Slow dry down with great stay green for a wide harvest window

**Tips:**

- Recommended Population 27-32K
- Silage use only, place on better managed soils
- Avoid continuous corn acres on stressed soils
- Excellent early and no-till planting
- Very good response to fungicide application

Seedling Vigor..... Very Good	Gray Leaf Spot
Plant Height..... Medium-Tall	Tolerance..... Excellent
Ear Height..... Medium	Northern Leaf
Ear Flex ..... Very Good	Blight Tolerance..... Very Good
Cob Color..... Red	Goss's Wilt
Stalk Strength..... Very Good	Tolerance..... Excellent
Root Strength..... Very Good	Fiber Digestibility..... Very Good
Stay Green..... Very Good	SofStarch Rating..... Excellent
Dry Down ..... N/A	Milk per Ton..... Very Good
Test Weight..... N/A	Milk per Acre..... Very Good



**KF 63C10**

CONVENTIONAL

113 Day RM

High silage producer in terms of both quantity and quality, good ear length and excellent flex, deep kernels, highly rated disease package, drought and heat tolerant.

- Proven silage hybrid with very good quality
- Excellent disease package
- Wide harvest window
- Excellent milk per ton/acre

**Tips:**

- Recommended Population 26-30K
- Versatile hybrid that covers all soil types

Seedling Vigor.....	Very Good	Gray Leaf Spot	
Plant Height.....	Medium-Tall	Tolerance.....	Excellent
Ear Height.....	Medium-High	Northern Leaf	
Ear Flex .....	Excellent	Blight Tolerance .....	Very Good
Cob Color .....	Pink	Goss's Wilt	
Stalk Strength .....	Very Good	Tolerance.....	Excellent
Root Strength.....	Very Good	Fiber Digestibility....	Very Good
Stay Green.....	Very Good	SofStarch Rating ....	Very Good
Dry Down .....	Very Good	Milk per Ton .....	Excellent
Test Weight .....	Very Good	Milk per Acre.....	Excellent

**KF 64C40**

ORGANIC

114 Day RM

Medium-tall plant, medium-high ear placement, wide dense leaves with good canopy, excellent agronomics over multiple years of testing.

- Dual-purpose hybrid
- Outstanding stalk and root
- Very good leaf and stalk disease ratings
- Red cob; 16-18 kernel rows

**Tips:**

- Recommended Population 28-32K
- Good for silage or grain (semi-flex ears)

Seedling Vigor.....	Excellent	Gray Leaf Spot	
Plant Height.....	Medium-Tall	Tolerance.....	Very Good
Ear Height.....	Medium-High	Northern Leaf	
Ear Flex .....	Very Good	Blight Tolerance .....	Very Good
Cob Color .....	Red	Goss's Wilt	
Stalk Strength .....	Very Good	Tolerance.....	Very Good
Root Strength.....	Very Good	Fiber Digestibility....	Very Good
Stay Green.....	Excellent	SofStarch Rating ....	Very Good
Dry Down .....	Very Good	Milk per Ton .....	Very Good
Test Weight .....	Very Good	Milk per Acre.....	Very Good

**KF 65C00**

CONVENTIONAL

115 Day RM

Consistent medium-tall, robust, mid to full season corn with very good silage appeal. Excellent emergence, plant vigor and disease resistance make this hybrid a consistent performer.

- Does very well in productive to average soil conditions
- Very good stay green for longer harvest window
- Excellent emergence in cold / no-till soils
- Likes higher pops. with good management and fertility
- Moves north very well as a full season hybrid

**Tips:**

- Recommended Population 30-36K
- Expect below-average yields on stress-prone soils or below-average fertility
- Keep populations on higher side for best yields
- Not recommended for deep South

Seedling Vigor.....	Excellent	Gray Leaf Spot	
Plant Height.....	Medium-Tall	Tolerance.....	Very Good
Ear Height.....	Medium-High	Northern Leaf	
Ear Flex .....	Very Good	Blight Tolerance .....	Very Good
Cob Color .....	Pink	Goss's Wilt	
Stalk Strength .....	Very Good	Tolerance.....	Very Good
Root Strength.....	Very Good	Fiber Digestibility....	Very Good
Stay Green.....	Very Good	SofStarch Rating ....	Very Good
Dry Down .....	Very Good	Milk per Ton .....	Very Good
Test Weight .....	Very Good	Milk per Acre.....	Very Good

**KF 67C20**

CONVENTIONAL

117 Day RM

Consistent high yields, excellent agronomics, very good disease ratings, broadly adapted regions.

- Broadly adapted with outstanding agronomics
- Very good FiberGest and SofStarch results
- Very good dual-purpose hybrid

**Tips:**

- Recommended Population 28-34K
- Consistent high yields across the Midwest and South
- Very good disease ratings

Seedling Vigor.....	Very Good	Gray Leaf Spot	
Plant Height.....	Tall	Tolerance.....	Very Good
Ear Height.....	Medium-High	Northern Leaf	
Ear Flex .....	Excellent	Blight Tolerance .....	Very Good
Cob Color .....	Light Red	Goss's Wilt	
Stalk Strength .....	Very Good	Tolerance.....	Very Good
Root Strength.....	Very Good	Fiber Digestibility....	Very Good
Stay Green.....	Very Good	SofStarch Rating ....	Very Good
Dry Down .....	Very Good	Milk per Ton .....	Very Good
Test Weight .....	Very Good	Milk per Acre.....	Excellent

### KF 57H50

HIGH OIL

107 Day RM

An improved ultra high oil hybrid that can be used as a sidekick or stand alone with improved yield and standability. A tall hybrid with broad, thick leaves that produces long flexed ears with 16-18 kernels around. Exhibits very good stay green and has very good disease tolerance.

- Dual-purpose hybrid for silage or grain
- Very good stalk and root strength
- Good performance across a wide range of environments
- Excellent SofStarch and great FiberGest ratings

**Tips:**

- Recommended Population 27-34K
- Adapted to wide range of soils and management practices
- In top management and good soils, increase populations for top yield
- Recommended KF hybrids for sidekick planting: KF 54C10, KF 58C80, KF 62C80, KF 63C10

<b>Seedling Vigor</b> ..... Very Good	<b>Gray Leaf Spot</b>
<b>Plant Height</b> ..... Medium-Tall	<b>Tolerance</b> ..... Very Good
<b>Ear Height</b> ..... Medium	<b>Northern Leaf</b>
<b>Ear Flex</b> ..... Very Good	<b>Blight Tolerance</b> ..... Very Good
<b>Cob Color</b> ..... Pink	<b>Goss's Wilt</b>
<b>Stalk Strength</b> ..... Very Good	<b>Tolerance</b> ..... Very Good
<b>Root Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Very Good
<b>Stay Green</b> ..... Very Good	<b>SofStarch Rating</b> .... Excellent
<b>Dry Down</b> ..... Very Good	<b>Milk per Ton</b> ..... Very Good
<b>Test Weight</b> ..... Very Good	<b>Milk per Acre</b> ..... Very Good

### KF 58H60

HIGH OIL

108 Day RM

Ultra high-oil, tall, robust plant with semi-erect leaves and medium-high ear placement, great eye appeal and a wide range of adaptability across regions. As a sidekick, tends to be more of a grain-type hybrid.

- Dual-purpose hybrid for silage or grain
- Very good stalk and root strength
- Good performance across a wide range of environments
- Excellent SofStarch and great FiberGest ratings

**Tips:**

- Recommended Population 28-32K
- Keep pops. on higher end for top yield in better soils
- Good late-season plant intactness for dry grain option
- Consider a fungicide application for late-season health
- Recommended KF hybrids for sidekick planting: KF 54C10, KF 55C20, KF 62C80, KF63C10

<b>Seedling Vigor</b> ..... Very Good	<b>Gray Leaf Spot</b>
<b>Plant Height</b> ..... Tall	<b>Tolerance</b> ..... Very Good
<b>Ear Height</b> ..... Medium-High	<b>Northern Leaf</b>
<b>Ear Flex</b> ..... Excellent	<b>Blight Tolerance</b> ..... Very Good
<b>Cob Color</b> ..... Pink	<b>Goss's Wilt</b>
<b>Stalk Strength</b> ..... Very Good	<b>Tolerance</b> ..... Very Good
<b>Root Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Very Good
<b>Stay Green</b> ..... Very Good	<b>SofStarch Rating</b> .... Excellent
<b>Dry Down</b> ..... Very Good	<b>Milk per Ton</b> ..... Very Good
<b>Test Weight</b> ..... Very Good	<b>Milk per Acre</b> ..... Very Good

### KF 60S60

MALE STERILE

110 Day RM

Male sterile hybrid ideal for farms in niche markets that do not want grain in the diet. Appropriate for silage or grazing. The corn crop will be very high in sugar as grain is not formed. The plant will also take on a red color as sugar increases over time.

Note: Isolation from standard corn is recommended.

- Versatile hybrid that covers all soil types
- Appropriate for silage or grazing
- Wide harvest window

**Tips:**

- Recommended Population 30-40K
- Very good disease package

<b>Seedling Vigor</b> ..... Very Good	<b>Gray Leaf Spot</b>
<b>Plant Height</b> ..... Tall	<b>Tolerance</b> ..... Very Good
<b>Ear Height</b> ..... Medium	<b>Northern Leaf</b>
<b>Ear Flex</b> ..... Very Good	<b>Blight Tolerance</b> ..... Very Good
<b>Cob Color</b> ..... Pink	<b>Goss's Wilt</b>
<b>Stalk Strength</b> ..... Very Good	<b>Tolerance</b> ..... Very Good
<b>Root Strength</b> ..... Very Good	<b>Fiber Digestibility</b> .... Excellent
<b>Stay Green</b> ..... Very Good	<b>SofStarch Rating</b> .... Very Good
<b>Dry Down</b> ..... N/A	<b>Milk per Ton</b> ..... Excellent
<b>Test Weight</b> ..... N/A	<b>Milk per Acre</b> ..... Very Good



**KF 59B70**

BMR- SILAGE ONLY

106-111 Day RM

Brown mid-rib for improved digestibility and increased milk production, this non-GMO hybrid is daylight sensitive (moving it into northern regions of the corn belt will cause it to exhibit shorter maturity).

- High grain-to-stover ratio
- Very good SofStarch for a BMR corn
- Very good leaf disease tolerance
- Tall plant with medium ear placement

**Tips:**

- Recommended Population 30-32K
- Excellent standability with proper plant populations
- Widely adapted to many soil types

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Excellent	<b>Blight Tolerance</b> ....	Very Good
<b>Cob Color</b> .....	Red	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Excellent
<b>Stay Green</b> .....	Excellent	<b>SofStarch Rating</b> ....	Excellent
<b>Dry Down</b> .....	N/A	<b>Milk per Ton</b> .....	Excellent
<b>Test Weight</b> .....	N/A	<b>Milk per Acre</b> .....	Very Good

**KF 66B80**

BMR- SILAGE ONLY

115-117 Day RM

Brown mid-rib for improved digestibility and increased milk production, this extra-leafy hybrid is medium-tall with high ear placement.

- High grain-to-stover ratio
- Widely adapted to many soil types
- Extra-leafy hybrid
- Very good leaf disease tolerance

**Tips:**

- Recommended Population 30-32K
- Excellent standability with proper plant populations

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> ....	Very Good
<b>Cob Color</b> .....	Red	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Excellent
<b>Stay Green</b> .....	Excellent	<b>SofStarch Rating</b> ....	Excellent
<b>Dry Down</b> .....	N/A	<b>Milk per Ton</b> .....	Excellent
<b>Test Weight</b> .....	N/A	<b>Milk per Acre</b> .....	Excellent

Rating scale: POOR | FAIR | GOOD | VERY GOOD | EXCELLENT





# KINGFISHER CORN

Rating scale: POOR | FAIR | GOOD | VERY GOOD | EXCELLENT

Hybrid	Relative Maturity	GDUs 50% Silking	GDUs to Black Layer	Organic (OR) Conventional (CV)	Red Tail Hybrid (if any)	Irrigated / Productive Soil	Average / Variable Soil	Less Productive / Stress Prone Soil	Heavy Soils with Poor Drainage	Seeding Vigor	Plant Height	Ear Height	Ear Flex	Cob Color	Stalk Strength	Root Strength	Stay Green	Dry Down	Test Weight	High Population Tolerance	Continuous Corn	Drought Tolerance	Gray Leaf Spot Tolerance	Northern Leaf Blight Tolerance	Goss's Wilt Tolerance	Common Rust Tolerance	MDFd 30 hr (Fiberfast)	IVSD 7 (SoStarch)	Milk Per Acre	Milk Per Ton	Hand Husking	Fungicide Response
KF 34C30	84	2145	1145	CV, OR		Excellent	Excellent	Excellent	Excellent	V. Good	Med-Tall	Medium	V. Good	Light Red	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 38C80	88	1220	2260	CV	38186	Excellent	Excellent	Excellent	Excellent	V. Good	Med-Tall	Medium	V. Good	Red	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 40C30	90	2250	1210	OR		Excellent	V. Good	V. Good	V. Good	V. Good	Med-Tall	Med-High	Excellent	Red	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 42C20	92	2280	1200	CV, OR	43144 43146	Excellent	Excellent	Excellent	Excellent	V. Good	Med-Tall	Med-High	Excellent	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 43C40	93	2300	1210	CV	45104	Excellent	V. Good	V. Good	Excellent	V. Good	Med-Tall	Medium	Excellent	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 45C30	95	2370	1235	CV	51151 51157	Excellent	V. Good	V. Good	V. Good	V. Good	Med-Tall	Medium	Excellent	Red	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 48C90	98	2300	1250	CV, OR		Excellent	V. Good	V. Good	Excellent	V. Good	Med-Tall	Med-High	V. Good	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 51C50	101	2300	1220	CV		Excellent	Excellent	V. Good	Excellent	V. Good	Med-Tall	Med-High	V. Good	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 52C20	102	2418	1298	CV		Excellent	Excellent	V. Good	V. Good	V. Good	Tall	Medium	Excellent	White	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 54C10	104	2575	1390	CV		Excellent	Excellent	Excellent	Excellent	V. Good	Tall	Medium	Excellent	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 54C50	104	2600	1270	OR		Excellent	V. Good	V. Good	V. Good	Excellent	Med-Tall	Medium	V. Good	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 56C30	106	2420	1300	OR	57181 57185	V. Good	V. Good	V. Good	V. Good	V. Good	Med-Tall	Med-High	V. Good	Prk	Excellent	Excellent	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 57H60	107	2450	1300	H0		Excellent	V. Good	V. Good	V. Good	V. Good	Med-Tall	Medium	V. Good	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 57C80	107	2460	1310	CV		Excellent	Excellent	Excellent	Excellent	Excellent	Tall	Medium	Excellent	Red	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 58C80	108	2436	1300	CV		V. Good	V. Good	V. Good	V. Good	Excellent	Tall	Med-High	Excellent	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 58H60	108	2500	1300	H0		Excellent	V. Good	V. Good	V. Good	V. Good	Tall	Med-High	Excellent	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 59B70	109-115	N/A	N/A	BMR		Excellent	Excellent	V. Good	V. Good	V. Good	Tall	Medium	Excellent	Red	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 60C30	110	2765	1340	OR		Excellent	Excellent	V. Good	V. Good	Excellent	Med-Tall	Medium	V. Good	Red	Excellent	Excellent	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 60C50	110	2690	1300	CV		Excellent	Excellent	V. Good	V. Good	V. Good	Med-Tall	Medium	V. Good	Red	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 60S60	110	N/A	N/A	Male Sterile	62163	V. Good	V. Good	V. Good	V. Good	V. Good	Tall	Medium	V. Good	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	
KF 63C10	113	2790	1320	CV		Excellent	Excellent	Excellent	Excellent	V. Good	Med-Tall	Med-High	Excellent	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good
KF 64C40	114	2655	1360	OR	65101 65106	Excellent	Excellent	V. Good	V. Good	Excellent	Med-Tall	Med-High	V. Good	Red	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good
KF 65C00	115	2630	1435	CV		V. Good	V. Good	V. Good	V. Good	Excellent	Med-Tall	Med-High	V. Good	Prk	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good
KF 66B80	115-117	N/A	N/A	BMR		Excellent	V. Good	V. Good	V. Good	V. Good	Med-Tall	High	Excellent	Red	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good
KF 67C20	117	2700	1480	CV	67121 67123	Excellent	Excellent	V. Good	V. Good	V. Good	Tall	Med-High	Excellent	Light Red	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good



# RED TAIL CORN

Rating scale: POOR | FAIR | GOOD | VERY GOOD | EXCELLENT

Hybrid	Relative Maturity	Trait	GDUs 50% Silking	GDUs to Black Layer	Organic (OR) Conventional (CV)	High Oil (HO) Red Tail (RT)	Irrigated / Productive Soil	Average / Variable Soil	Less Productive / Stress Prone Soil	Heavy Soils with Poor Drainage	Seeding Vigor	Plant Height	Ear Height	Ear Flex	Cob Color	Stalk Strength	Root Strength	Stay Green	Dry Down	Test Weight	High Population Tolerance	Continuous Corn	Drought Tolerance	Gray Leaf Spot Tolerance	Northern Leaf Blight Tolerance	Goss's Wilt Tolerance	Common Rust Tolerance	NDFd 30 hr (Fibers)	MSD 7 (Softstarch)	Milk per Acre	Milk per Ton	Hand Husking	Fungicide Response	
RT 35T11	85	GT	1180	2150	RT	RT	V. Good	Excellent	V. Good	V. Good	V. Good	Medium-Tall	Medium-High	V. Good	Prk	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Good	V. Good	V. Good	V. Good	V. Good	V. Good	N/A	V. Good	Excellent
RT 38T08-01	110	Duracade 5122 EZ	1220	2280	RT	RT	Excellent	Excellent	Excellent	Excellent	Excellent	Medium-Tall	Medium	V. Good	Red	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	N/A	Excellent	
RT 41T14	91	VP 3110	1210	2350	RT	RT	Excellent	Excellent	Excellent	Excellent	Excellent	Medium-Tall	Medium	V. Good	Red	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	Excellent	
RT 43T44	93	VP 3110	1210	2320	RT	RT	Excellent	Good	Good	Excellent	V. Good	Medium-Tall	Medium	Excellent	Prk	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	Excellent	N/A	Excellent
RT 43T48	93	VP 3220 EZ	1210	2320	RT	RT	Excellent	V. Good	Good	Excellent	V. Good	Medium-Tall	Medium	Excellent	Lt. Red	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	Excellent	N/A	Excellent
RT 45T04-02	95	Duracade 5222 EZ	1250	2310	RT	RT	Excellent	Excellent	V. Good	V. Good	Excellent	Tall	Medium-High	Good	Red	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	N/A	Excellent	V. Good
RT 51T51	101	GT	1335	2460	RT	RT	Excellent	Excellent	V. Good	V. Good	V. Good	Medium-Tall	Medium-High	V. Good	Prk	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	Excellent	V. Good
RT 51T57	101	3122 EZ	1335	2460	RT	RT	Excellent	Excellent	V. Good	V. Good	V. Good	Medium-Tall	Medium-High	V. Good	Prk	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	Excellent	V. Good
RT 54T11	104	GT	1390	2575	RT	RT	Excellent	Excellent	Excellent	Excellent	V. Good	Tall	Medium	Excellent	Prk	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	Excellent	V. Good	Excellent
RT 54T13	104	3000 GT	1390	2575	RT	RT	Excellent	Excellent	Excellent	Excellent	V. Good	Tall	Medium	Excellent	Prk	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	Excellent	V. Good	Excellent
RT 57T81	107	GT	1375	2570	RT	RT	Excellent	Excellent	V. Good	V. Good	Excellent	Tall	Medium-High	V. Good	Prk	Excellent	Excellent	Excellent	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	V. Good	Excellent	Excellent
RT 57T85	107	VP 3111	1375	2570	RT	RT	Excellent	Excellent	V. Good	V. Good	Excellent	Tall	Medium-High	V. Good	Prk	Excellent	Excellent	Excellent	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	V. Good	Excellent	Excellent
RT 58T81	108	GT	1310	2436	RT	RT	Excellent	Excellent	Good	V. Good	V. Good	Tall	Medium	V. Good	Prk	V. Good	V. Good	V. Good	V. Good	V. Good	Good	Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	N/A	Excellent
RT 62T83	112	3000 GT	1421	2460	RT	RT	Excellent	V. Good	V. Good	V. Good	V. Good	Tall	Medium	Excellent	Prk	V. Good	V. Good	V. Good	Excellent	V. Good	Excellent	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	N/A	Excellent
RT 63T11	113	GT	1320	2730	RT	RT	Excellent	Excellent	V. Good	V. Good	V. Good	Medium-Tall	Medium-High	Excellent	Prk	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	V. Good	Excellent
RT 64T09-01	113	Duracade 5122 EZ	1365	2602	RT	RT	Excellent	Excellent	V. Good	V. Good	V. Good	Medium-Tall	Medium-High	V. Good	Red	Excellent	V. Good	V. Good	Excellent	V. Good	V. Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	N/A	Excellent
RT 65T01	115	GT	1435	2630	RT	RT	Excellent	Excellent	V. Good	V. Good	Excellent	Medium-Tall	Medium-High	V. Good	Prk	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	V. Good	Excellent	Excellent
RT 6709-01	115	Duracade 5122 EZ	1435	2630	RT	RT	Excellent	Excellent	V. Good	V. Good	Excellent	Medium-Tall	Medium-High	V. Good	Prk	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	V. Good	Excellent	Excellent
RT 67T21	117	GT	1480	2700	RT	RT	Excellent	Excellent	Excellent	V. Good	V. Good	Tall	Medium-High	Excellent	Light Red	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	V. Good	Excellent	Excellent
RT 67T23	117	3000 GT	1480	2700	RT	RT	Excellent	Excellent	Excellent	V. Good	V. Good	Tall	Medium-High	Excellent	Light Red	V. Good	V. Good	V. Good	V. Good	V. Good	V. Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	V. Good	Excellent	Excellent

# KINGFISHER & RED TAIL CORN ENERGIZE AMERICAN FARMS

Red Tail corn brings the same careful emphasis on livestock production as our KingFisher corn, but with the added benefit of herbicide and insect resistant traits. The hybrids that are selected to become Red Tail hybrids are selected for the highest SofStarch and FiberGest ratings within the corn industry. Emphasis is also placed on high-yielding hybrids that have excellent agronomic packages. With KingFisher & Red Tail corn, you have all the varieties you need to maximize your energy per acre of silage or grain corn.



KingFisher is the best corn in the county; stalks the size of pop cans! – Wisconsin

I used KingFisher corn the last two years with yields over 200 bu/acre. A leafy, showy corn with great emergence. Thanks for a great product! – West Central Ohio

KingFisher silage corn is the best corn I have ever grown. The stalk flex is amazing—huge stalk diameter. The fiber digestibility is excellent, a key factor in my livestock operation. – Jenson Family Farms

For the last three years, KingFisher corn won the Grand Champion title in the standard corn silage division at the prestigious World Forage Analysis Super Bowl in Madison, Wisconsin.

“I finally switched over to KingFisher, and I won’t plant anything else. You can’t beat the price and quality, it usually saves us a couple thousand dollars a year.” –Josh Bishop, Doylestown PA





**RT 35T11**

GT

85 Day RM

Big plant, high yielding, very good stay green, dual-purpose grain or silage hybrid, excellent corn-on-corn option.

- Excellent in Medium Soils
- Very good Seedling Vigor
- Great High Population Tolerance
- Great Drought Tolerance

**Tips:**

- Recommended Population 30-34K
- Very good stay green for wide harvest window
- Workhorse suited for most rotations
- Great for continuous corn rotation

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium-High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Pink	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Very Good
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Very Good

**RT 38T89-D1**

DURACADE 5122 EZ

89 Day RM

A dual-purpose hybrid with semi-flex ears and excellent seedling vigor. Consistent yield and widely adapted across northern regions and soil types. Excellent stalk and very good root strength.

- Excellent FiberGest
- Excellent SofStarch
- Medium-tall plant with medium ear placement
- Red cob with 16 kernel rows

**Tips:**

- Recommended Population 28-34 K
- Excellent stay green for wide harvest window
- Widely adapted across northern regions
- Excellent on all soil types

<b>Seedling Vigor</b> .....	Excellent	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> .....	Excellent
<b>Cob Color</b> .....	Red	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Excellent	<b>Tolerance</b> .....	Excellent
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Excellent
<b>Stay Green</b> .....	Excellent	<b>SofStarch Rating</b> ....	Excellent
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Excellent
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent

**RT 41T14**

VIP 3110

91 Day RM

A medium-tall plant with medium-high ear placement and consistent yield, widely adapted across northern regions and soil types.

- Outstanding stalk and root
- Red cob; 18 kernel rows
- Dual-purpose with semi-flex ears
- Excellent leaf/stalk disease ratings

**Tips:**

- Recommended Population 27-36K
- Wide population adaption

<b>Seedling Vigor</b> .....	Excellent	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium-High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> .....	Excellent
<b>Cob Color</b> .....	Red	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Excellent	<b>Tolerance</b> .....	Excellent
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Very Good
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent

**RT 43T48**

VIP 3220 EZ

93 Day RM

A medium-tall plant with medium ear placement, widely adapted across northern regions and soil types.

- Dual purpose with flex ears
- Lt. Red cob; 18-20 kernel rows
- Very good stalk and root
- Excellent leaf/stalk disease ratings

**Tips:**

- Recommended Population 28-32K
- Widely adapted to soil types

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Spot Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Excellent	<b>Blight Tolerance</b> .....	Excellent
<b>Cob Color</b> .....	Lt. Red	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Very Good
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent



**RT 45T09-D2**

DURACADE 5222 EZ

95 Day RM

A high-yielding, dual-purpose hybrid with excellent eye appeal, tall plant with medium-high ear placement.

- Dual purpose with semi-flex ears
- Excellent eye appeal
- Red cob; 18-20 kernel rows
- Excellent leaf/stalk disease ratings

**Tips:**

- Recommended Population 30-34K
- Excellent in cold/no-till soils

<b>Seedling Vigor</b> .....	Excellent	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium-High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Good	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Red	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Excellent
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Excellent	<b>Milk per Ton</b> .....	Excellent
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent



**RT 51T57**

3122 EZ

101 Day RM

Also available as RT 51T51 GT

Medium-tall robust plant with great silage appeal and a wide range of adaptability in multiple regions. The pedigree behind this hybrid brings time-tested consistency with new era yield for silage and grain.

- Consistent performance across wide range of environments and management practices
- Very good tolerance to stalk and leaf diseases
- Very good dual purpose for silage and grain
- Can move south as an early hybrid

**Tips:**

- Recommended Population 30-34K
- Keep pops on higher end for top yield
- Strong performance between I-90 and I-70
- Use caution applying Capreno, Sharpen, Status, or Corvus herbicides while hybrid is under environmental stress, grain yields may be reduced

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Spot Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium-High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Pink	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Very Good
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent

**RT 54T13**

3000 GT

104 Day RM

Also available as RT 54T11 GT

Excellent performance across varied environments. Dual-purpose hybrid with high grain and silage yields. Very good disease ratings. A flex hybrid that works on a wide range of populations.

- High Yields of Silage and Grain Across Varied Soils
- Excellent FiberGest and SofStarch ratings
- Very good Root Strength
- Very good Seedling Vigor

**Tips:**

- Recommended Population 28-32K
- Broadly adapted with outstanding agronomics
- Very good dual-purpose hybrid
- Consistent high yields across the Midwest and South

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Excellent	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Pink	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Excellent
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Excellent
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Excellent
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent





**RT 57T85**

VIP 3111

107 Day RM

Also available as RT 57T81 GT

A robust plant with excellent silage and grain ratings. Excellent eye appeal across the corn belt, dark green canopy type leaves with a robust stalk, excellent roots and late season standability. Wide regional adaptation with consistent yields in silage and grain.

- High Silage Yields
- Very good FiberGest; excellent SofStarch
- Excellent Roots
- Excellent Seedling Vigor

**Tips:**

- Recommended Population 30-36K
- Slower grain dry down due to plant health within maturity range
- Manage populations to management practices and soil conditions
- Very good response to fungicide application

<b>Seedling Vigor</b> .....	Excellent	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium-High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> .....	Excellent
<b>Cob Color</b> .....	Pink	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Excellent	<b>Tolerance</b> .....	Excellent
<b>Root Strength</b> .....	Excellent	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Excellent	<b>SofStarch Rating</b> ....	Excellent
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Very Good
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent

**RT 58T81**

GT

108 Day RM

Quick canopy closer, strong stalks and roots with flexible ears, stress tolerant, very good overall plant health.

- Very Good FiberGest
- Very good SofStarch
- Very Good Milk per Ton/Acre
- Excellent Fungicide Response

**Tips:**

- Recommended Population 26-30K
- Marginal to better soils
- Excellent emergence; very good seedling vigor
- Good stress tolerance

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Pink	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Very Good
<b>Test Weight</b> .....	Good	<b>Milk per Acre</b> .....	Very Good

**RT 62T83**

3000 GT

112 Day RM

Robust, dual-purpose hybrid with semi-erect leaves, produces unmatched, consistent yields east to west across varied soils and management practices, excellent combination of plant health and agronomics.

- Semi-flex ear and stalk
- Pink cob; 18-20 deep kernel rows
- Very good plant health
- Great heat/drought tolerance

**Tips:**

- Recommended Population 27-34K
- Maintain good fertility management for top yields
- Match populations with soil types

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Excellent	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Pink	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Excellent	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Excellent
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent

**RT 63T11**

GT

113 Day RM

High silage producer, both quantity and quality, good ear length and excellent flex, deep kernels, excellent disease package (Goss's and GLS), drought and heat tolerant.

- Very good FiberGest Rating
- Excellent Milk per Acre
- Excellent Milk per Ton/Acre
- Very good SofStarch Rating

**Tips:**

- Recommended Population 26-30K
- Versatile hybrid that covers all soil types
- Proven silage hybrid with very good quality
- Wide harvest window

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Tolerance</b> .....	Excellent
<b>Ear Height</b> .....	Medium-High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Excellent	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Pink	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Excellent
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Excellent
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent



**RT 64T39-D1**

DURACADE 5122 EZ

113 Day RM

A high-yielding dual-purpose hybrid with excellent eye appeal and very good ear flex. Medium-tall plant with medium-high ear placement and excellent FiberGest rating.

- Excellent FiberGest Rating
- Excellent Milk per Acre
- Excellent Milk per Ton
- Excellent SofStarch Rating

**Tips:**

- Recommended Population 30-34 K
- Red cob with 14-16 kernel rows
- Place on better soils with good management
- Excellent Gray Leaf and Rust tolerance

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Tolerance</b> .....	Excellent
<b>Ear Height</b> .....	Medium-High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Red	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Excellent	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Excellent
<b>Stay Green</b> .....	Excellent	<b>SofStarch Rating</b> ....	Excellent
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Excellent
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent



**RT 65T09-D1**

DURACADE 5122 EZ

115 Day RM

Consistent medium tall, robust, mid to full season corn with very good silage appeal. Excellent emergence, plant vigor and disease resistance make this hybrid a consistent performer.

- Excellent performer in productive to average soil conditions
- Excellent emergence in cold / no till soils
- Very good stay green for longer harvest window
- Likes higher pops with good management and fertility
- Moves north very well as a full season hybrid

**Tips:**

- Recommended Population 32-36K
- Expect below average yields on stress-prone soils or below average fertility
- Keep populations on higher side for best yields
- Not recommended for deep South

<b>Seedling Vigor</b> .....	Excellent	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Medium-Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium-High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Very Good	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Pink	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Very Good
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Very Good

**RT 67T23**

3000 GT

117 Day RM

Also available as RT 67T21 GT

Consistent high yields, excellent agronomics, very good disease ratings, broadly adapted regions.

- Excellent Ear Flex
- Very good Stalk Rating
- Very good FiberGest Rating
- Excellent Milk per Acre

**Tips:**

- Recommended Population 28-34K
- Consistent high yields across the Midwest and South
- Broadly adapted with outstanding agronomics
- Very good FiberGest, very good SofStarch results
- Very good dual-purpose hybrid

<b>Seedling Vigor</b> .....	Very Good	<b>Gray Leaf Spot</b>	
<b>Plant Height</b> .....	Tall	<b>Tolerance</b> .....	Very Good
<b>Ear Height</b> .....	Medium-High	<b>Northern Leaf</b>	
<b>Ear Flex</b> .....	Excellent	<b>Blight Tolerance</b> .....	Very Good
<b>Cob Color</b> .....	Light Red	<b>Goss's Wilt</b>	
<b>Stalk Strength</b> .....	Very Good	<b>Tolerance</b> .....	Very Good
<b>Root Strength</b> .....	Very Good	<b>Fiber Digestibility</b> ....	Very Good
<b>Stay Green</b> .....	Very Good	<b>SofStarch Rating</b> ....	Very Good
<b>Dry Down</b> .....	Very Good	<b>Milk per Ton</b> .....	Very Good
<b>Test Weight</b> .....	Very Good	<b>Milk per Acre</b> .....	Excellent

# RED TAIL TRAITS EXPLANATION



Trait	Refuge	Herbicide	Above-Ground Protection	Below-Ground Protection
3000GT	20% structured refuge in field	Glyphosate / Glufosinate	Corn Borer only	Agrisure® RW
VIP3110	20% structured refuge in field	Glyphosate / Glufosinate	Broad Lepidopteran	No Protection for Root Worm
VIP3111	20% structured refuge in field	Glyphosate / Glufosinate	Broad Lepidopteran	Agrisure RW
3122EZ	5% refuge in the bag - RIB	Glyphosate / Glufosinate	Broad Lepidopteran	Herculex Xtra / Agrisure RW
DUR5122 EZ	5% refuge in the bag - RIB	Glyphosate / Glufosinate	Broad Lepidopteran	Agrisure Root Worm / Agrisure Duricade
DUR5222 EZ	5% refuge in the bag - RIB	Glyphosate / Glufosinate	Broad Lepidopteran	Agrisure Root Worm / Agrisure Duricade

## Agrisure Viptera® Broad Lepidopteran trait stacks for above-ground protection

Insect	Effectiveness on pest	Insect	Effectiveness on pest
Corn earworm	++++	Southern cornstalk borer	++++
Black cutworm	++++	True armyworm	++++
Fall armyworm	++++	Beet armyworm	++++
Western bean cutworm	++++	Sugarcane borer	++++
Dingy cutworm	++++	European corn borer	++++
Common stalk borer	+++	Southwestern corn borer	++++
Lesser cornstalk borer	++++		

Effectiveness on pest: 4+ = best    1+ = poor



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 BASF.

Agrisure®, Agrisure Artesian®, Artesian™, Agrisure Duracade®, Agrisure Viptera® and E-Z Refuge® are trademarks of a Syngenta Group Company.

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**Important:** Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides.



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 most recent stewardship requirements.

# Syngenta Corn Traits Nomenclature

Above- and Below-Ground Insect Control	
<b>Agrisure Duracade®</b> 5% Single Bag Integrated Refuge*	<b>5 3 3 2</b> 
<b>E-Z Refuge®</b> Agrisure® RW + Agrisure Duracade - corn rootworm control Agrisure CB/LL + YieldGard VT Pro® - corn borer control Agrisure Viptera® + YieldGard VT Pro - broad lepidopteran control Agrisure Duracade series plus glyphosate and glufosinate tolerance	
<b>Agrisure Duracade</b> 5% Single Bag Integrated Refuge*	<b>5 2 2 2 A</b> 
<b>E-Z Refuge</b> Agrisure RW + Agrisure Duracade - corn rootworm control Agrisure CB/LL + Herculex® 1 - corn borer control Agrisure Viptera + Herculex 1 - broad lepidopteran control Agrisure Duracade series plus glyphosate and glufosinate tolerance	
Any hybrid with an "A" after the trait nomenclature indicates that it features Agrisure Artesian® technology. Agrisure Artesian technology is featured in many trait stacks.	
<b>Agrisure Duracade</b> 5% Single Bag Integrated Refuge*	<b>5 1 2 2</b> 
<b>E-Z Refuge</b> Agrisure RW + Agrisure Duracade - corn rootworm control Agrisure CB/LL + Herculex 1 - corn borer control Herculex 1 - broad lepidopteran suppression Agrisure Duracade series plus glyphosate and glufosinate tolerance	
<b>Agrisure</b> 5% Single Bag Integrated Refuge*	<b>3 1 2 2</b> 
<b>E-Z Refuge</b> Agrisure RW + Herculex RW - corn rootworm control Agrisure CB/LL + Herculex 1 - corn borer control Herculex 1 - broad lepidopteran suppression Herbicide tolerance - glyphosate and glufosinate	
<b>Agrisure Viptera</b> 20% Structured Refuge	<b>3 1 1 1</b> 
Agrisure RW - corn rootworm control Agrisure CB/LL - corn borer control Agrisure Viptera - broad lepidopteran control Herbicide tolerance - glyphosate and glufosinate	
Above-Ground Insect Control	
<b>Agrisure Viptera</b> 5% Single Bag Integrated Refuge*	<b>3 3 3 0</b> 
<b>E-Z Refuge</b> No corn rootworm trait Agrisure CB/LL + YieldGard VT Pro - corn borer control Agrisure Viptera + YieldGard VT Pro - broad lepidopteran control Herbicide tolerance - glyphosate and glufosinate	
<b>Agrisure Viptera</b> 5% Single Bag Integrated Refuge*	<b>3 2 2 0</b> 
<b>E-Z Refuge</b> No corn rootworm trait Agrisure CB/LL + Herculex 1 - corn borer control Agrisure Viptera + Herculex 1 - broad lepidopteran control Herbicide tolerance - glyphosate and glufosinate	
<b>Agrisure</b> 5% Single Bag Integrated Refuge*	<b>3 1 2 0</b> 
<b>E-Z Refuge</b> No corn rootworm trait Agrisure CB/LL + Herculex 1 - corn borer control Herculex 1 - broad lepidopteran suppression Herbicide tolerance - glyphosate and glufosinate	
<b>Agrisure Viptera</b> 20% Structured Refuge	<b>3 1 1 0</b> 
No corn rootworm trait Agrisure CB/LL - corn borer control Agrisure Viptera - broad lepidopteran control Herbicide tolerance - glyphosate and glufosinate	

\*Corn Belt only

NOTE: The naming system does not apply to Agrisure 3000GT.



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## PERENNIAL PRODUCTS

PERENNIAL MIXTURES:

	Wt.		Seed Rate	Comments:
<b>King's &amp; Barenbrug Perennial Mixtures</b>				
Balancer	33	MST	25 to 35	A rugged mix of Martin II novel endophyte tall fescue with early orchardgrass & clovers.
Beefmaster	50	UT	30 to 35	Good for finishing beef. Contains perennial ryegrass, fescue, orchardgrass and clover.
Browsemaster	50	YJ	22	A grazing mixture for goats, wildlife and more. Contains a lot of forbs.
Clean & Green	33	UT	35 to 75	For conservation. 80% tall fescue and 20% annual ryegrass. Adjust seeding rate to erosion risk.
(Northern) Creekside	33	MST	25	A highly palatable mix for wetter soils. (Adapted to Zones 4 & 5)
(Southern) Creekside				A strong mix for wetter soils. (Adapted to Zones 6a, 6b, 7a)
EquiFlex Forage	33	MST	25 to 30	A dual purpose, early hay/grazing mix with lower carbohydrates.
Equinemaster Paddock	25	UT	30 to 100	For exercise areas. Contains soft leaf tall fescue, KY bluegrass and perennial ryegrass.
Grass Maxx	33	MST	20 to 30	A rugged mix of Martin II novel endophyte tall fescue with early new-release orchardgrass.
GrassPro	33	MST	20 to 30	A mix of endophyte free tall fescue & late-heading orchardgrass & timothy. If seeding w/ legume, 3-8 lbs/acre.
Greenfast	33	MST	30 to 40	Aggressive 3 to 5 year mix. Good for shorter term pastures and renovation. (Adapted to zones 4, 5 & 6)
Highland Hay	33	OC	25	A PLH alfalfa/grass hay mix including: 50% alfalfa, 25% orchardgrass, 25% tall fescue. (Adapted to zones 6 & 7a)
Hillside	33	MST	25	A strong orchardgrass based grazing mixture. Great for good to drier soils.
King's (Northern) Grazing Mix	33	MST	25 to 35	Our premier managed grazing mix. (Adapted to Zones 4 & 5)
King's (Southern) Grazing Mix				Our premier managed grazing mix. (Adapted to Zones 6a, 6b, 7a)
King's HayPro	33	MST	20 to 30	An easier to dry alfalfa/grass mix that includes soft-leaf tall fescue, orchardgrass & timothy. (Adapted to zones 6 & 7a)
King's Horse Supreme	33	MST	25	Excellent horse mix with no tall fescue. Tolerates short grazing.
Lowland Hay	33	MST	20 to 25	A high-yielding mix for stored forage that includes premium tall fescue, timothy, & red clover.
Milkway	50	UT	35 to 40	50:50 mix of meadow fescue and soft leaf tall fescue. Lower seed rate with legumes (3 to 10lbs).
North Star	50	CT	18 to 25	An 85:15 blend of KF alfalfa with Hipast festulolium and meadow fescue. (Adapted to zones 4 & 5)
NutraMax Hay Mix	50	CT	25	Highly digestible alf/clover/grass mix that is primarily adapted to zones 4 & 5. Makes good haylage & baleage.
		OC		
Performance Max	50	CT	20 to 25	70/30 blend of our Kingfisher alfalfas and late tall fescue. Consistent quality and high yield. (Adapted to zones 6 & 7)
		OC		
Sale Topper Grass Mix	33	MST	15 to 20	Easy to dry. 80% late orchardgrass & 20% timothy. Lower seeding rate with legumes (5 to 10lbs).
Southern Brawn	33	CT	20 to 30	An durable, endophyte-free tall fescue/orchardgrass mix for hay or grazing targeted for zones 6b to 7b.
Versa Mix	33	MST	15 to 30	A versatile forage grass mix. 70% tall fescue type festulolium, 30% orchardgrass. (Adapted to zones 4 to 7)
<b>King's Certified Organic Perennial Mixtures</b>				
Dairy Green	33	OC	25 to 35	A mix that will thrive on good to moist soil.
Partner	33	MST	20 to 30	Grass hay blend to seed with alfalfa or alone. Use lower seeding rate with legumes (3 to 8lbs).
Star	33	OC	25 to 30	For dairy quality pasture on varying soil types.

# Ask About Master's Choice Corn Hybrids



MSTERSCHOICE

**PERENNIAL  
LEGUMES:**

	Wt.		Seed Rate	Comments:
<b>Alfalfa</b>				
King's Econo	50	CT OC	18 to 22	A respectable alfalfa at a low cost.
KingFisher 406AP2	50	CT OC	18 to 22	Resistant to multiple strains of aphanomyces and branch-rooted. DRI 35/35 with very good quality.
KingFisher 425 HD	50	CT	18 to 22	High-yielding, selected for high digestibility. DRI: 30/30, WH: 2.0, FD: 4.5
KingFisher 435 HD	50	CT OC	18 to 22	High-yielding, highly digestible, branch root. DRI: 35/35, WH: 1.7, FD: 4.6
KingFisher 519	50	CT	18 to 22	A strong alfalfa that is both high-yielding and great quality. DRI: 30/30, WH: 1.9, FD: 5
KingFisher PLH 422	50	OC	18 to 22	Potato-leaf hopper resistant. DRI: 30/30, WH: 2.4, FD: 4
King's PLH 544	50	OC	18 to 22	Potato-leaf hopper resistant. DRI: 35/35, WH: 2, FD: 5
KingFisher Profusion2 HX	50	OC	18 to 22	High yielding fine stemmed hybrid alfalfa with exceptional quality. Fall Dormancy 4.
KingFisher Secure BR	50	CT	18 to 22	An high yielding branch-rooted alfalfa that will tolerate wetter soils.
KingFisher Stronghold 35-2	50	CT OC	18 to 22	High yielding, branch-rooted variety with a sunken crown. 35/35 DRI.
KingFisher Traffic Pro	50	CT	18 to 22	High yielding alfalfa with a deep set crown that takes traffic well. DRI 34/35, FD 3.7, WH 1.5
<b>Birdsfoot Trefoil</b>				
Wellington Birdsfoot Trefoil	50	OC	20 to 25	A high yield hay variety that can also be used for pasture and conservation.
<b>Clovers (Perennial)</b>				
Alice White Clover	25	YJ OC	2 to 4	Large leaf and medium height. Popular for grazing.
Alsike Clover +	50	UT	6 to 8	N source, tolerates flooding, poorly drained and acidic or alkaline soils. Not for horses.
Clifford Red Clover	50	OC	4 to 20	High-yielding, large leaf size. Excellent disease resistance with aggressive growth and persistence.
Clover Pollinator Mix	5 25	OC	5 to 12	A mix of 6 clover species that will provide excellent nectar flow to pollinators. Best late summer planted.
Dutch White Clover "VNS"	5 25	OC	2 to 4	Excellent for between vegetable rows. For pasture it is lower yielding and low growing.
Freedom! MR Red Clover	25	YJ OC	4 to 20	A mildew-resistant variety with less "hairs" makes a high quality hay.
Kakariki White Clover	25	OC	2 to 4	A new long-lived white clover with large leaves and high stolon density.
Ladino White Clover "VNS"	50	OC	5 to 9	Living mulch, erosion protection, green manure, beneficial insects.
Medium Red Clover "VNS"	50	CT OC	4 to 20	N source, soil builder, weed suppressor, attracts beneficials, forage.
Premium Clover Mix	25	YJ/CT OC	4 to 6	A mixture of premium red, white and ladino clovers. Seed alone or with grass.
RegalGraze Ladino	25	OC	2 to 4	A less aggressive large leaf white clover that tolerates heat, drought and cold very well.
3-Way Clover	50	OC	10 to 15	Clover mixture of Yellow Blossom Sweet Clover, Red Clover and Ladino Clover.
<b>Forbs (Perennial)</b>				
Forb Feast Chicory	10 25	OC	2 to 5	Deep tap root. High mineral content. Helps break up hard pans.

**PERENNIAL  
GRASSES:**

	Wt.		Seed Rate	Comments:
<b>Bromegrass</b> <i>Offers good drought tolerance.</i>				
Artillery Smooth Brome	50	UT	30 to 40	A very high yielding variety selected for drought tolerance. Maintains green hay color. Late maturity.
Carlton Smooth Brome	50	UT	30 to 40	A traditional smooth brome. Maintains green hay color. Late maturity.
Arsenal Meadow Brome	50	<b>OC</b>	25 to 35	Arsenal has excellent yield, drought tolerance, and disease resistance. Makes soft palatable forage. Early maturity.
Cache Meadow Brome	50	<b>OC</b>	25 to 35	Cache has yield, drought tolerance, and disease resistance. Makes soft palatable forage. Early maturity.
<b>Festulolium</b>				
Fojtan	50	UT	30 to 40	A long lived heat tolerant tall fescue type with good nutrition.
Perseus	50	UT	30 to 40	A 3 year Italian ryegrass type with excellent nutritional quality. (Adapted to zones 4, 5, 6a.)
Perun	50	UT	30 to 40	A 3 year Italian ryegrass type with excellent nutritional quality. (Adapted to zones 4, 5, 6a.)
<b>Meadow Fescue</b> <i>Very palatable and very cold tolerant. More summer productive than ryegrasses.</i>				
Tetrax Meadow Fescue	<b>55</b>	UT	35 to 45	A tetraploid variety ideal to mix w/ new alfalfa seedings to increase energy levels in strong grass-growing regions.
<b>Orchardgrass</b> <i>Good Drought Tolerance. All varieties are less bunchy.</i>				
Echelon	<b>32.5</b>	UT	20	A very late heading and high yielding orchardgrass variety. Moves south well.
HLR Orchardgrass Blend	<b>25</b>	UT	20	Barenbrug high-leaf-ratio blend of late maturing, leafy orchardgrasses.
		<b>YJ</b>	23	Coated at 50% Yellow Jacket which improves seed flow through the small box.
Inavale	<b>32.5</b>	UT	20	An impressive med-late orchardgrass with high-yielding with good disease tolerance. Moves south well.
	<b>50</b>	<b>OC</b>	23	
Olathe	<b>32.5</b>	UT	20	An early orchardgrass with high yield and disease resistance. Excellent southern performance.
Persist NP	50	<b>CT</b>	20	A persistent early variety selected in western TN under tight grazing.
<b>Ryegrass (Perennial &amp; Intermediate)</b> <i>Highest energy grass. Great spring and fall production.</i>				
BG-24T Blend	50	UT	35 to 45	A perennial Barenbrug blend of premium tetraploid & diploid varieties.
Kentaur	50	UT	40 to 50	A perennial tetraploid variety with excellent cold tolerance.
Mara	50	UT	40 to 50	A strong perennial Barenbrug diploid variety.
Remington	50	UT	40 to 50	A perennial tetraploid variety with excellent southern & northern performance.
<b>Tall Fescue</b> <i>Offers excellent drought and heat tolerance.</i>				
BarOptima Plus E34	<b>25</b>	UT	35 to 40	Improved soft leaf tall fescue with a beneficial endophyte.
Cajun II	50	UT	35 to 40	An early, high yielding and durable variety with no endophyte.
Kora	50	UT	35 to 40	Very high yielding hay type with late maturity. Improved digestibility with no endophyte.
Lipalma	55	UT	35 to 40	Very high yielding hay type with late maturity. Improved digestibility with no endophyte.
Martin II Protek	50	UT	35 to 40	Martin II is an early-medium maturity, novel endophyte tall fescue.
STF 43	50	UT	35 to 40	A blend of Barenbrug's best soft leafed tall fescue varieties. Late maturity. No endophyte.
Triumphant	50	UT	35 to 50	A new early, high yielding, durable, endophyte free variety that has excellent disease tolerance.
<b>Timothy</b> <i>Most palatable grass. Makes low potassium hay.</i>				
Climax (not certified)	50	UT	10 to 15	The old standard variety for the Northeast USA. Mid-maturity.
Comtal	50	UT	10 to 15	An improved variety that is good for both hay & grazing. Similar maturity as climax.
KY Early	50	UT	10 to 15	A high-yielding, very early timothy variety bred in Kentucky.
Glacier	50	UT	10 to 15	An improved high-yielding early timothy.
Tenho	50	UT	10 to 15	An improved high-yielding variety with good Penn State data. Similar maturity as climax.
<b>Turf</b> <i>Subject to sales tax if for residential use.</i>				
Turf Star	50	UT	300	A turf type perennial ryegrass blend. Great for seeding between produce rows.
Sun and Shade	50	<b>YJ</b>	175	A multipurpose fine leafed turf.
Water Saver Pro	50	<b>YJ</b>	300	Turf type tall fescue blend. Excellent for durability and lower maintenance.
<b>Miscellaneous Perennial Grasses</b>				
Balin Kentucky Bluegrass	50	UT	15	Forage type with improved productivity.
Companion Mix	<b>25</b>	UT	50	A mix for orchards, vineyards, and between vegetable rows that requires less mowing.
Reed Canarygrass	50	UT	12 to 18	Very wet & drought tolerant. Once established it is very persistent. Low alkaloid.

## COOL-SEASON ANNUAL PRODUCTS

### COOL-SEASON ANNUAL MIXTURES:

	Wt.		Seed Rate	Comments:
<b>Cool-Season Annual Mixtures</b>		<b>Seeding rate is for cover crop usage ONLY. The soil benefits are listed below.</b>		
Broadcaster	50	PI	25 to 30	Best seeded in late summer. Annual ryegrass, radish, crimson, red & yellow blossom clovers.
CARGO	50	PI	110 to 130	Grass-legume green manure, nutrient scavenger, nitrogen fixer, soil builder, and forage. Use 60 lbs/acre for cover crop.
Green-N-Low	50	PI	20 to 25	A balanced Lowboy and crimson clover mix that improves till and fertility. Best late summer seeded.
King's Pea-Oat Mix +	50	UT	100	For grain or forage. A 50/50 mix of forage oats and 4010 peas.
Ray's Crazy Spring Mix +	50	PI	120	An 8-way mix for cover crop and/or forage, no hairy vetch or annual ryegrass. Requires pea inoculant.
Oats Plus Mixture	50	UT	75 to 90	For good quick feed. Contains 60% oats, 40% annual ryegrass.

### COOL-SEASON ANNUAL GRASSES:

	Wt.		Seed Rate	Comments:
<b>Annual Ryegrass</b>		<b>Best for late summer and early fall seeding.</b>		
Kodiak	50	UT	35 to 40	An annual ryegrass with superior cold tolerance. High yield and quality.
McKinley	50	UT	35 to 40	A winter hardy variety with high yield and quality.
Lowboy Annual Ryegrass	50	UT	15 to 20	A dwarf-type annual ryegrass that has great cover crop application. DO NOT USE FOR FORAGE.
<b>Italian &amp; Intermediate Ryegrass</b>		<b>Two year potential crop. Fast starting and very high quality.</b>		
KingFisher Allegro Blend	50	UT	35 to 45	A KF Italian ryegrass blend. Does not go to head when spring seeded.

### COOL-SEASON ANNUAL LEGUMES:

	Wt.		Seed Rate	Comments:
<b>Clovers (Annual)</b>				
Balady 1 Berseem Clover	50	OC	15 to 20	An annual clover that resembles alfalfa.
Frosty Berseem Clover	50	OC	15 to 20	An improved late-maturing, multicut forage variety with good winter hardiness.
Crimson Clover +	50	CT UT	15 to 25	A winter annual clover, good for hay, grazing and green manure.
Viper Balansa Clover	50	OC	3 to 8	A cool season annual legume with similar winter hardiness to winter peas & crimson clover.
<b>Clovers (Biennial)</b>				
White Sweetclover 'VNS'	50	OC	5 to 18	Deep tap root helps break up compacted soils. 2nd year nectar flow is later than YBSC.
Yellow Blossom Sweetclover	50	OC	15 to 25	Deep tap root helps break up compacted soils. 2nd year has strong nectar flow.
<b>Hairy Vetch</b>				
AU Merit Hairy Vetch	50	OC	25 to 30	An early, winter hardy hairy vetch. Excellent nitrogen producer in cover crop programs.
Patagonia	50	OC	25 to 30	An early, winter hardy hairy vetch. Excellent nitrogen producer in cover crop programs.
<b>Peas</b>				
40-10 Spring Peas +	50	UT	80 to 100	A high-quality purple flower forage pea. Can be planted spring or fall. Small seed size.
Keystone Winter Peas +	50	UT	90 to 100	A facultative, white flowering pea that can be seeded in the spring or fall.

### COOL-SEASON SMALL GRAINS:

	Wt.		Seed Rate	Comments:
<b>Small Grains- Spring</b>		<b>Suggested for planting in the spring, or late summer for forage.</b>		
AC King Spring Barley	50	UT	125 to 150	A strong two row spring barley that can be used for fast forage or grain.
Badger Oats	50	UT	100	An early high-yielding grain oat with high test weight. For short season forage-@ 150lbs/acre.
Canmore Oats	50	UT	95 to 130	A dual-purpose, medium early, taller variety.
Cosaque Black Oats	50	UT	30 to 100	Primarily used a cover crop to suppresses weeds and nematodes. Can be used for forage.
Everleaf 126 Oats	50	UT	80 to 100	Very high forage quality. Stays leafier, longer. Latest maturing variety. Susceptible to rust.
Niagara Oats	50	UT	95 to 130	A tall, medium maturing forage oat.
Reeves Oats	50	UT	95 to 130	An early, dual-purpose oat that is 1-2 days later than Badger.
Surge Triticale	50	UT	125 to 150	A new & improved facultative triticale that can be planted in spring or fall.



## SUMMER ANNUAL PRODUCTS

### SUMMER ANNUAL MIXTURES:

	Wt.		Seed Rate	Comments:
<b>Summer Annual Mixtures</b>				
<i>Seeding rate is for cover crop usage ONLY. The soil benefits listed below.</i>				
Ray's Crazy Summer Mix +	50	UT	40 to 60	A 7-way mix for cover crop and/or forage. Includes grasses, legumes and brassicas.
Summer Feast Mixture	50	UT	10 to 20	A high energy summer grazing mixture. Contains Leafy-T and T-Raptor.
Summer Solar Mix +	50	UT	55 to 70	Diverse legume-forb cover crop mix of aggressively growing summer annuals.
YieldMax	50	T	30 to 40	A unique & inovative forage mixture that utilitizes both cool season & warm season annuals. Zones 4-5.
<b>TerraLife Cover Crops</b>				
<i>The Special Cover Crop Program (Not for forage production)</i>				
BetaMaxx +	50	UT	35 to 40	A cover crop mix for vegetables including crucifers (and brassicas), beets and more.
MaizePro DT +	50	UT	35 to 40	A partly winter hardy cover crop mix for intensive corn crop rotations and more.
Rigol DT	50	UT	18 to 20	Strong root growth that stabilizes soil structure for most crops other than crucifers (brassicas).
VitaMaxx DT	50	UT	18 to 22	This non-legume diverse mix is designed to reduce nutrient losses on manure rich fields.

### FORBS:

	Wt.		Seed Rate	Comments:
<b>Brassicas</b>				
<i>High quality forage. Great for summer feed or late fall feed.</i>				
Barkant Turnip	10	UT	4 to 5	A leafy variety with a tankard shaped bulb.
	25	UT		
Purple Top Turnip	50	UT	4 to 5	A lower cost variety best for cover crops.
Barsica Rape	25	UT	4 to 5	A new forage rape that is fast maturing. Over-wintering.
T-Raptor Hybrid	25	UT	4 to 5	A turnip like hybrid that's super for multiple grazings (no bulb).
<b>Specialty Items</b>				
White Mustard	50	UT	8 to 10	Bio-fumigant crop. Disease and nematode suppression, break crop, quick cover, weed suppression.
Buckwheat 'VNS'	50	UT	50 to 70	Cool season or summer quick soil cover, weed suppressor, nectar for pollinators, loosens topsoil.
Lifago Buckwheat	55	UT	25 to 35	A later maturing small seeded buckwheat for cover crop programs. Not for grain. Does not attract pollinators.
Daikon Radish	5	UT	12 to 14	Deep root growth, improves tilth, scavenges N, weed suppressor, bio-fumigant and break crop.
	50			
Phacelia	5	UT	8 to 12	Excellent for beneficial insects including honey bees. Also an excellent soil builder.
	50			
Peredovik Sunflowers	50	UT	40	A great sunflower for cover crop and wildlife programs.

## Certified Organic Products:

**King's AgriSeeds offers a robust lineup of Organic seeds, including perennial mixtures and various straight products. King's will be releasing its full Organic Product List for Spring 2022 at a later date.**

**SUMMER ANNUAL LEGUMES:**

	Wt.		Seed Rate	Comments:
<b>Cowpeas (NO RETURNS)</b>				
Iron & Clay Cowpea +	50	UT	40 to 60	Summer annual legume for cover crop or forage. Can mix with other summer annuals.
<b>Soybeans (NO RETURNS)</b>				
360SB +	50	UT	140-175K	Conventional 3.6 maturity.
Derry Forage +	137K	UT	140-175K	Group 6 forage soybean for wildlife.
Titan Forage +	140K	RR	140-175K	Group 7 Roundup Ready forage soybean for wildlife.
<b>Sunn Hemp</b>				
Sunn Hemp +	50	UT	40 to 80	Summer annual legume for primarily cover crop and some grazing applications.

**SUMMER ANNUAL GRASSES:**

	Wt.		Seed Rate	Comments:
<b>Crabgrasses</b>				
Mojo Crabgrass	25	OC YJ	5 to 8	A forage variety of crabgrass. Seed very shallow on tightly packed soil after soil reaches 50F.
Red River Crabgrass	25	CT	5 to 8	Coated with a 50% absorbent, as well as Apron (fungicide).
<b>Forage Sorghums</b> <b>S=safened UT=untreated BMR= BMR Gene 6</b>				
ADV F7232 BMR	50	UT S	80 to 100K	105-110 days to soft dough stage. A medium maturity brachytic dwarf hybrid.
AF7401 BMR	50	UT S	80 to 100K	Full season dwarf forage sorghum with superior standability. 110-115 days to soft dough direct harvest.
AF8301 Non-BMR	50	UT S	100 to 120K	A dwarf non-BMR forage sorghum with excellent standability and yield. Excellent for dry cows, heifers, beef production, & mazes.
KF Fiber Pro 50 BMR	50	UT S	80 to 90K	A short season dwarf hybrid with improved agronomics. 85-89 days to soft dough direct harvest.
<b>Summer Annuals- Grain Sorghums</b> <b>S=safened UT=untreated N=NipsIt</b>				
ADV G2106	50	S	80 to 100K	A new, higher yielding short season, bronze grain.
AG1203 Grain Sorghum	50	UT	80 to 100K	A 63 day to mid-bloom hybrid with bronze grain. 34-40". Aphix-Sugarcane Aphid Tolerance.
ADV G1142	600K	S&N	80 to 100K	A short-season, non-GMO red grain variety with Imi herbicide tolerance ft. igrowth technology. Stewardship agreement required.
<b>Millets</b>				
Brown Top Millet	50	UT	10 to 25	A low-cost, one cut millet. Low forage quality best suited for cover crop or wildlife use.
Japanese Millet	50	UT	20	A warm season, annual grass that can be used for forage or summer cover crop.
Leafy T Millet	50	UT	10 to 20	A dark green leafy, high quality non-BMR dwarf millet. Safe for horses and does not contain prussic acid.
KF Prime180M BMR Millet	50	UT	10 to 20	A dwarf BMR millet with excellent regrowth & no prussic acid.
KF Prime360M BMR Millet	50	UT	10 to 20	A leafier dwarf BMR that has no prussic acid.
<b>Sorghum Sudans</b> <b>S=safened T=treated UT=untreated BMR= BMR Gene 6</b>				
SS 275 non BMR SSX	50	UT	60 to 70	A fast starting, non-BMR hybrid that is male sterile and aphid resistant. Ideal for cover crop & some grazing.
AS6401 BMR Sorghum-Sudan	50	T/UT S	40 to 60	Improved disease tolerance, regrowth & cold tolerance.
KF Sugar-Pro 55 BMR SSX	50	T/UT	40 to 50	A high-yielding dry-stalk BMR sorghum sudan that dries easier than other sorghum sudans. High sugar.
King's 150 SS BMR SSX	50	T/UT	40 to 50	A fast starting variety with excellent yield and quality.
King's 185 PS BMR SSX	50	T/UT	25 to 50	A very uniform attractive photo-period sensitive variety. Use low seeding rate when planning one delayed cut.
<b>Sudangrasses</b> <b>T=treated UT=untreated BMR= BMR Gene 6</b>				
AS9301 BMR Sudangrass	50	T	25 to 30	Sudangrass that dries down quickly with superb quality & yield.
AS9302 BMR Sudangrass	50	UT	25 to 30	Dwarf version of AS 9301.
King's 200 PS BMR Sudangrass	50	T/UT	25 to 30	Our most palatable sudangrass. Photoperiod sensitive with excellent regrowth.
<b>Teffs</b>				
Moxie Teff	50	OC YJ	5 to 8	A good forage variety. Seed on very firm soil.

## SEED STIMULANTS

	Package Size	Rate	Comment:
<b>KF BioTrigger, GroPak, &amp; MST</b>			<b>NOTE: At this time, do not use both KF BioTrigger &amp; MST together.</b>
KF BioTrigger Corn	4 oz. per pack case (12 pks)	20 acres 240 acres	A micronutrient package that includes Mn, S, & Zn that accelerates seedling establishment plus crop specific Trichoderma fungi inoculant to enhance root development over the life cycle of the crop. KF BioTrigger inoculants also serve as a seed lubricant.
KF BioTrigger Perennial Grasses/Turf	8 oz. per pack case (12 pks)	6 acres 72 acres	
KF BioTrigger Annual Grasses / Cereals	24 oz. per pack case(6 pks)	20 acres 120 acres	
Myco Seed Treat (MST)	<b>1 lb.</b>	2 to 8 oz. per 100	
Myco Seed Treat (MST)	<b>5 lb.</b>		An all natural non-GMO seed treatment that increases seedling vigor and overall plant health through a healthier root zone. OMRI-listed. Not to be used with KF BioTrigger products.
GroPak	<b>12 lb.</b>	3-8 oz. per acre	A hopper box seed treatment that replaces talc & graphite, speeds plant establishment, improves soil environment for germinating seeds. Contains S, MN, Mo & Zn.

### Seed Inoculants- OMRI listed

N-Dure Alfalfa/Clover Inoculant	<b>Pkg</b>		For seed that was not preinoculated or coated. <b>Treats 50#</b> of clover or alfalfa. Code #2374
Prevail Alfalfa/Clover Inoculant	<b>Pkg</b>		For seed that was not preinoculated or coated. <b>Treats 100#</b> of clover or alfalfa. Code # 2372
N-Dure Pea/Vetch Inoculant	<b>Pkg</b>		For seed that was not preinoculated or coated. <b>Treats 100#</b> of seed. Code # 2400
N-Dure Peanut	<b>Pkg</b>		For use on Cow Peas, Sunn Hemp, and Lespedeza. <b>Treats 100#</b> of seed. Code #3080
N-Dure Soybean	<b>Pkg</b>		For use on Soybeans. <b>Treats 300#</b> of seed (6 units). Code #2317
N-Dure Soybean (LARGE)	<b>Pkg</b>		For use on Soybeans. <b>Treats 1500#</b> of seed (30 units). Code #2315

## LALLEMAND FORAGE INOCULANTS

Lallemand Forage Inoculants		<i>The Following Are Available at King's Warehouse in <u>Less than Case Quantities</u> :</i>
Magniva TITANIUM <i>previously: Biotal Buchneri 500</i>	<b>100TT</b>	Achieve a fast front-end forage fermentation, improve digestibility and maintain aerobic stability to maximize the amount of top-quality silage available at feedout. (Treats 66 tons when applying to high moisture corn.)
Magniva TITANIUM OMRI <i>previously: Biotal Buchneri 500 OMRI</i>	<b>50TT</b>	An OMRI-listed product. Achieve a fast front-end forage fermentation, improve digestibility and maintain aerobic stability to maximize the amount of top-quality silage available at feedout. (Treats 33 tons when applying to HMC.)
Magniva SILVER <i>previously: Biotal Plus II</i>	<b>100TT</b>	Drives front-end fermentation to reduce dry matter losses, along with reducing heating during feedout for more available feed.
Magniva SILVER <b>dry-applied</b>	<b>50lb. Bag- 100TT</b>	See above description, but in granular form.
Magniva SILVER OMRI <i>previously: Biotal Plus II OMRI</i>	<b>50TT</b>	An OMRI-listed product. Drives front-end fermentation to reduce dry matter losses, along with reducing heating during feedout for more available feed.
Magniva CLASSIC <i>previously: Sil-All Activate</i>	<b>100TT</b>	Provides a fast, efficient initial fermentation, increased dry matter recovery and improved protein retention.
Magniva Hay <i>previously: BioTal Hay</i>	<b>10TT</b>	A non-corrosive biological inoculant. Allows hay to be baled at a higher moisture and retains more nutrients and protein.
Lallemand Forage Inoculants		<i>The Following Are Available for <u>Direct Shipment In Per Case Quantities</u> :</i>
Magniva TITANIUM <i>previously: Biotal Buchneri 500</i>	<b>10-100TT</b>	Achieve a fast front-end forage fermentation, improve digestibility and maintain aerobic stability to maximize the amount of top-quality silage available at feedout.
	<b>4-500TT</b>	
Magniva TITANIUM OMRI <i>previously: Biotal Buchneri 500 OMRI</i>	<b>10-50 TT</b>	An OMRI-listed product. Achieve a fast front-end forage fermentation, improve digestibility and maintain aerobic stability to maximize the amount of top-quality silage available at feedout.
	<b>4-200TT</b>	
Magniva SILVER <i>previously: Biotal Plus II</i>	<b>10-100TT</b>	Drives front-end fermentation to reduce dry matter losses, along with reducing heating during feedout for more available feed.
	<b>4-500TT</b>	
Magniva SILVER <b>dry-applied</b>	<b>40 bags-100TT</b>	<b>*Freight is not included on the <u>dry applied</u> inoculant. Please contact the office for a freight quote.</b>
Magniva SILVER OMRI <i>previously: Biotal Plus II OMRI</i>	<b>10-50 TT</b>	An OMRI-listed product. Drives front-end fermentation to reduce dry matter losses, along with reducing heating during feedout for more available feed.
	<b>10-200TT</b>	
Magniva CLASSIC <i>previously: Sil-All Activate</i>	<b>10-100TT</b>	Provides a fast, efficient initial fermentation, increased dry matter recovery and improved protein retention.
	<b>4-500TT</b>	
Magniva CLASSIC <b>dry-applied</b>	<b>40 bags-100TT</b>	<b>*Freight is not included on the <u>dry applied</u> inoculant. Please contact the office for a freight quote.</b>
Magniva Hay <i>previously: Biotal Hay</i>	<b>10-10TT</b>	A non-corrosive biological inoculant. Allows hay to be baled at a higher moisture and retains more nutrients and protein.



**King's AgriSeeds**<sup>Inc.</sup>

FEEDING YOUR FARM'S FUTURE.

1828 Freedom Rd  
Lancaster, PA 17601  
(717) 687-6224



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*Rod Porter, Regional Coordinator*  
(607) 227-0836  
[RodPorter@KingsAgriSeeds.com](mailto:RodPorter@KingsAgriSeeds.com)



*Harold Schrock,*  
*Eastern Northern Dealer Support*  
(315) 723-1681  
[haroldschrock@kingsagriseeds.com](mailto:haroldschrock@kingsagriseeds.com)



### **Central Region-Blue**

*David Hunsberger, Regional Coordinator*  
(814) 880-5186  
[DavidHunsberger@KingsAgriSeeds.com](mailto:DavidHunsberger@KingsAgriSeeds.com)



### **Eastern Region—Gold**

*Joy Beam Yoder, Regional Coordinator*  
(484) 524-3481  
[JoyYoder@KingsAgriSeeds.com](mailto:JoyYoder@KingsAgriSeeds.com)

