



# **2023 Late Summer & Fall Product Information Guide**

**Zone 4 & 5 Edition**



# **Service— Our purpose: To help you thrive.**

## **Who We Are**

We, 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 farmers from 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 complement 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 Can 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!



## **King's AgriSeeds, Inc**

1828 Freedom Rd  
Lancaster, PA 17601

**(717) 687-6224**

[KingsAgriSeeds.com](http://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.





# Alfalfa Reimagined

Unique alfalfas that solve a variety of problems. For over 20 years we have selected alfalfas based on agronomic AND nutritional performance. We now have one of the largest and most unique alfalfa lineups. Let our dealers help you select from our lineup of alfalfas, the one that's right for your region and your farm!

## Product Spotlight!

### KF 435 HD

#### Dairymen's Delight

The next generation of high digestibility alfalfa, was bred for better quality and delivers outstanding NDFD 48 and TTNDFD scores, and has APH race 2 resistance! KF435HD has an excellent agronomic package that provides a very persistent and healthy plant for top production over a broad range of soils. A good mix of tap root and branch rooted plants. Fall Dormancy 4.6, Winter Hardiness 1.7, Disease Rating 35/35

### KF Stronghold 35-2

#### Hay Producer's Pride

Stronghold 35-2 brings a great defense to our alfalfa lineup. Stronghold features a sunken crown great for traffic tolerance, branched roots keep the plant firmly in the ground during freezing and thawing, and helps protect the plant from water damage keeping more roots above the water table. Stronghold also features great winter hardiness and disease resistance. APH Race 2 resistance. Fall Dormancy 4.3, Winter Hardiness 1.8, Disease Rating 35/35

## What Goes Great with KingFisher Alfalfas? -Grass!

Combine these KF alfalfas with high energy grasses for optimizing forage quality and yield. Our perennial mixtures contain two or more KF alfalfas.



# Perennial Mixtures Tailored to you!

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. Visit our website today for more information.

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

## Zone 4 & 5 Highlights

### King's Northern Grazing Mixture

A highly palatable mixture of winter hardy perennial ryegrasses, soft orchardgrasses, meadow fescue and chicory excellent for high producing livestock. Ideal for good soils that have high fertility. Chicory is included for better mineral nutrition and other animal health benefits.

### Balancer

With balanced energy and protein, this high end mixture of grasses and legumes is designed specifically to provide livestock the nutrition they need to maintain, gain and produce in the middle Atlantic climate. From its base of Martin II Protek Novel Endophyte Fescue to its complementary blend of clovers, this mixture has the best interest of your herd in mind!

### Nutramax Hay

This mix was balanced by a seasoned nutritionist for super high quality! It's an alfalfa, clover and highly digestible grass mix that is primarily adapted to central PA and north. Both protein and energy levels are superb.

### Want alfalfa in your mixes?

We have several alfalfa/ grass mixtures or, simply add one of our top performing alfalfas to your small box!

Scan the QR code to access our full product guide!





# Zone 4 & 5 Highlights

## Northern Creekside

A very palatable mixture of varieties and species designed for wetter soils and cooler climates. It will form a nice sod to handle foot traffic. This mix is based on meadow fescue, which is both high quality and palatable.

## Milkway

A mix of meadow fescue and soft leaf tall fescue for high quality, highly digestible forage. Milkway is traffic tolerant and can sustain multiple manure or N applications. Excellent with or without legume. Superior for dairies!

## Organic Dairy Green

Superior winter hardiness along with high palatability, and quality characterize this mix that will perform well on heavier soils. While best for wetter soils, it will also tolerate drought as well.



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

Thank you to our industry leading suppliers:



**MAGNIVA®**  
for **HAY**

Capable of colonizing hay baled at 18-22% moisture and preventing the proliferation of spoilage organisms. The *pediococcus pentosaceus* grow quickly, tying up nutrients across a wide range of temperatures.

Benefits include:

- Bale Earlier and Longer
- Greener Color
- Fresher Smell
- Higher Protein Retention & Digestibility



# Perennials to Ponder...

## Orchardgrass Highlights

Orchardgrasses are more heat and drought tolerant than most cool season grasses, and thus produce 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 varieties. Named for its "High Leaf Ratio" which brings improved digestibility. HLR holds its quality for longer periods of time allowing for late cuttings.

**Echelon-** A very late maturing, high yielding orchardgrass with great quality. Pairs well with alfalfa due to the maturity timeline.  
*Also Available in Organic!*

## Fescue Highlights

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

**Kora-** A late, very high yielding tall fescue with improved digestibility. Great on less than ideal soils. Kora works well mixed with alfalfa and helps it dry easier.  
*Also available in organic!*

**STF 43-** -A medley of Barenbrug soft leaf, late heading tall fescue varieties. Strong yields of digestible fiber.

**Lipalma-** Top in sward density and rust resistance. This tall fescue variety shows a good yield distribution over all cuts. Lipalma is suited for growing under extensive use and dry areas and variable soils. *Also available in organic!*

**Tetrax-** A tetraploid meadow fescue that excels in digestibility and is less aggressive than traditional improved diploid varieties. It also has excellent winter hardiness and disease tolerance. These combined attributes make Tetrax ideal to seed with alfalfa in areas that many grasses compete too heavily with alfalfa.



## Clover Highlights

Clovers are widely recognized as specialty forage options that increase yields, improve forage quality & extend the forage grazing season. Clovers are Nitrogen Heroes! They fixate nitrogen in your soils and provide protein to your livestock.

### Freedom Red Clover-

A Red Clover selected in KY for yield and thinner stems and less pubescence (hairs) which allow it to dry faster and results in less clover "dust". Freedom has been a strong performer for ten plus years. Note: In heavy potato leaf hopper areas, yellowing may occur if leafhoppers are not controlled.

**Alice White Clover-** A medium -height, large leaved white clover developed for exceptional yields of palatable, high quality, high protein forage. Vigorous spring and summer growth makes it a good choice for cutting or grazing management. Alice has greater stolon density than most ladino types, allowing for better persistence under intensive, continuous grazing. Very popular!

### Clifford Red Clover-

Recognizable with its very large leaf size. This exciting new medium clover was selected from premium genetics to deliver high quality forage during multiple harvests over multiple years. This is a great choice for top producers of both dairy and beef.

## Timothy Highlights

Timothy is very palatable and well adapted to heavy soils. Timothy usually has huge production in spring, but drops off in the summer and fall. Sow in the fall or very early spring.

### Richmond-

An early maturing variety with excellent spring vigor. Great winter hardiness!

### Zenyata-

Bred in the U.S. and is an improved Clair-type timothy. It has both early production and regrowth.

### Comtal-

An improved variety that is good for both grazing and hay. Later maturing, similar maturity to climax. Excellent performer in our Lancaster, PA plots!





# Taste of Triticale

*Split your acreage between our proven products to reduce your weather risk. Below is a recommended forage harvest guide that gives your farm more harvest windows to make superior forage quality and excellent tonnage.*

## Triticale Highlights

### Why go with a proven forage triticale product?

- Wide Leaf
- Wide Harvest Window
- Later Maturity
- Graze It, Harvest It
- High Productivity
- Reliable Germination
- Known Genetics

### HyTon™— Soil Cover

A newer KingFisher variety with strong seedling vigor, high yields, & excellent quality. Very strong prostrate fall & winter growth that suppresses weeds & gives superior soil coverage. Wide seeding window and medium height. Try these new genetics this upcoming season.

### Gainer 154™— Big Yield & Early

Gainer 154 is a high-yielding variety. It is very responsive to good fertility and crop management. With its early maturity (compared to some other triticale), early spring management is important. Apply spring fertilizer earlier to push the crop out of dormancy for maximum yield and protein.

### Nitrous— Wide Harvest Window

Nitrous delivers outstanding forage yield with a greater leaf to stem ratio. It's late maturity and leafiness creates a wider harvest window than most varieties. High eye appeal backed by strong yield and quality data will impress you.

### Need More Info?

**Ask your dealer about our Research Report to compare products and mixtures or visit- [KingsAgriSeeds.com](http://KingsAgriSeeds.com)**

### Triticale Harvest Management

For best results, cut prior to boot stage. Triticale's window of harvest is wider than most other small grains, so it maintains quality longer. Wide swath for best drying.



# Triticale Mixture Highlights

## Soil Builder Plus™

### -Lower Nitrogen Input

A mix of triticale, crimson clover, hairy vetch, annual ryegrass, and daikon radish. An excellent spring forage and/or overwintering cover crop. Can also be used for wildlife food plots. Clovers and vetch provide protein in a forage application, and triticale and ryegrass contribute effective fiber and bulk. This mix is ideal for a spring grazing or cutting when the triticale reaches flag leaf or boot stage.

## DART™

### -One Cut System

A triticale based mix designed for one spring haylage cut. The winter hardy annual ryegrass improves soil health via increasing organic matter and soil tilth while also increasing forage quality. Daikon radish helps control winter annual weeds and also improves soil productivity.

## King's Double Play™

### -One Fall & One Spring Cut

An annual mixture that will give both quick fall growth and a spring harvest when planted Mid-August. Oats and annual ryegrass will give quick fall growth. The oats winter kill once temperatures drop into the teens. Both the triticale and the annual ryegrass will overwinter (with proper fall management) and produce a cutting of high quality forage in the spring. This mix is a balance for both fall and spring production.

## Preserve Your Forage!

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! Try our Magniva Inoculants today!

# MAGNIVA®

## Relative Harvest Dates

	Early Spring				Later Spring			
VNS Rye								
Triticale Plus								
Double Play								
DART								
Soil Builder								
Gainer 154								
HyTon								
Surge								
Nitrous								

**Key:** Blue— Single Cut, Green— Double Cut  
Yellow— Spring & Fall Cut

For high quality dairy forage, do not delay harvest.  
For beef forage, harvest can be delayed for more tonnage.



# Regenerate Your Soil.

Whether you are farming conventionally, organically or aiming for no-till, each field should have a living crop for as many months of the year as possible.

We have developed a variety of mixtures designed and tested to improve soil health. Multi-species blends are more beneficial at improving the life of your soil than monocultures. Cover crops are proven to help optimize your soil's long term productivity and profitability.

## Cover Crop & Mixture Highlights

### Ray's Crazy Fall Mix

This 8 way mix is the fall formulation of our cover crop cocktail. This is a versatile cool season mix made up of grasses, legumes, and brassicas that can be used as a short-term cover crop, a soil-building transition crop to renovate depleted soils, a grazing mix, and a wildlife food plot. It also contains several blooming species that, if left to grow and flower, will attract beneficial species.

#### Product Contents:

- Winter Pea
- Forage Oats
- Triticale
- Hairy Vetch
- Crimson Clover
- Annual Ryegrass
- Daikon Radish
- Barkant Turnips



### Mulch Master RD

Perfect for the pumpkin and melon growers! An excellent forecrop that is planted in the fall, rolled down in the spring after flowering to terminate prior to planting. This mix builds soil, and the rolldown mat suppresses weeds and keeps the melons and pumpkins off the soil to help prevent disease.

**Did you know?**  
**We also do custom mixtures**  
**for your specific cover crop**  
**and grazing needs!**

**Scan the QR code to access our website for more information!**





# Already Using Small Grains as Cover? Give Them a **BOOST** with King's Small Grain Booster Mixtures!

Our new Booster mixes are designed to help you add diversity to your small grain cover crop program, without the hassle of buying multiple products. The added benefits of the components in the booster mixes include fixing nitrogen, preserving additional nutrients and breaking up compaction. As a bonus, these mixtures can help you qualify for USDA conservation grants, which can bring your cover crop cost down even further.

## Large Box Booster

This *booster* formulation features Keystone Winter Peas, which has excellent early vigor in the fall, and strong growth in the spring. Peas and Crimson contribute to Nitrogen production, daikon radish helps break up compaction. Mix the Booster with your small grain of choice in the large box of your drill, layering it in.

## Small Box Booster

This *booster* formulation features three legumes to contribute to nitrogen production, timothy to build soil tilth, and daikon radish to combat compaction. This mix could also be used in a forage setting. For drills with large and small boxes, can also be used for broadcasting.

# TerraLife® Mixtures



## Late Summer Highlights

### BetaMaxx

The cover crop mix for vegetable and cultivation.

- Winterkills (Black oats can be an exception).
- Creates ideal seed bed conditions.

### Rigol DT

Strong root growth stabilizes the soil structure.

- Very deep roots.
- Use on compacted soils.

### MaizePro DT

Balanced, partly winter hardy cover crop for intensive corn crop program.

- Leaves optimal soil structures.
- Supports deep roots.
- Very good nitrogen exploitation.







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KingsAgriSeeds.com

Business Name  
First Name, Last Name  
Street Address  
City, State, Zip



## Looking for a Local Dealer?!?

Check with your Regional Coordinator or visit our  
dealer locator at [www.KingsAgriSeeds.com](http://www.KingsAgriSeeds.com)



### **Northern Region—Green**

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### **Central Region-Blue**

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### **Eastern—Gold**

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