



2023 Late Summer & Fall Product Information Guide

Zone 6 & 7 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

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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.



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 6 & 7 Highlights

King's Southern Grazing Mixture

Ideal for high producing dairy cattle and grass finished livestock where tall fescue is not needed or preferred. Palatable varieties adapted to the growing zone are included. In each mix is appropriate grasses, red and white clovers and chicory. Chicory is included for better mineral nutrition and other animal health benefits. Performs best on good agricultural soils.

Beefmaster

A premium pasture mix that consists of Barenbrug's best grazing tall fescues, orchardgrass, perennial ryegrass, and Alice white clover. Excellent for beef grazing systems along with dairy heifers and dry cows.

Southern Brawn

When quality, durability, and cost matters. This all-grass mix comprised of strong endophyte free tall fescue and earlier orchardgrasses is designed making it ideal for SE PA, VA, MD, DE.

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 complimentary blend of clovers, this mixture has the best interest of your herd in mind!

Scan the QR code to access our full product guide!



Zone 6 & 7 Highlights

Performance Max

An alfalfa-tall fescue mixture that will excel in both agronomic and nutritional performance. The alfalfa adds drought productivity, protein, and high NSC. The tall fescue adds consistent high fiber digestibility, superb yields, traffic tolerance and wet soil tolerance.

Horse Supreme

Excellent for all classes of livestock. Forage type Kentucky Bluegrass gives this mix excellent longevity and dense cover. Meadow brome and grazing tolerant orchardgrass add drought productivity while the diploid ryegrass gives it a quick start and excellent spring and fall production. A touch of white clover has been added for nitrogen production.

Grass Maxx

A rugged mix of Martin II novel endophyte tall fescue with early new-release orchardgrass. Grass Maxx provides the diversity you need in a hayfield or pasture while giving you the option of broadleaf weed control during the establishment year. After establishment, frost seeding a clover or clover blend into the stand in late winter can be a great option to further thicken the stand.



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:



Want alfalfa in your mixes?

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

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.

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.

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

Tall Fescue Highlights

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 keeps chugging along. Our lineup of tall fescues feature improved palatability and are either endophyte-free, or contain beneficial endophytes for improved durability in warmer climates.

Cajun II- An endophyte free, earlier, very high yielding, hay type tall fescue with improved digestibility. Excellent for stock piling for fall grazing. A strong contender in our Lancaster grazing trial.

Martin II Protek- A novel endophyte fescue, combining the proven, genetics of Martin II with the innovative Protek endophyte. Expect increased longevity and animal performance.

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.

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.

Redkin Red Clover–

A new Kentucky bred red clover that has excellent persistence and potato leaf hopper resistance that results in excellent productivity.

Kakariki White Clover–

A large-leafed clover boasting high stolon density, high yields, and excellent rooting. This combination provides increased yields and greater persistence. Ideal for both hay and grazing.

Renovation White Clover–

The variety was bred for increased stolon density utilizing a combination of long-living Southern Plain ecotypes and disease resistant ladino types. The result is increased persistence, even under grazing. Increased stolon density also makes it ideal for erosion control and long term conservation.

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

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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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



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