CORN • ALFALFA • SORGHUM

2010 SEED GUIDE

Dedicated To The Science Of Yield Improvement

Eureka® SEEDS

Eureka® SEEDS

2010 SEED GUIDE

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The Eureka Seeds Difference

Yield is what matters, and Eureka corn hybrids are bred for yield. Only Eureka hybrids bring together the three critical elements that unleash yield:

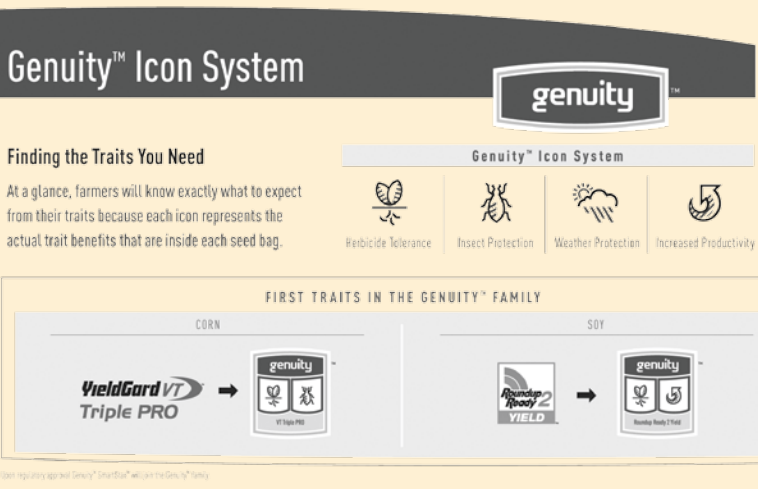
- High-performance traits
- Elite hybrid genetics
- Advanced Technology Integration

Putting traits into genetics – Technology Integration – is an art and a science. Eureka uses industry-leading standards to screen and advance proprietary traits from multiple sources. The selection process brings forward only those events that will optimize both hybrid yield potential and trait expression. The result is a line of hybrids designed to help growers discover maximum yield.

Less than 1% of hybrids screened meet the rigorous standards for commercialization set by Eureka Seeds. This demanding testing and evaluation process significantly reduces the risk of new product performance issues with new traits. We are dedicated to the Science of Yield Improvement.

TRAITS

Introduction to Genuity™



Genuity™ SmartStax™ — the SMART choice.

S = Spectrum
- The absolute broadest spectrum of above and below ground insect protection
- Roundup Ready® 2 Technology and LibertyLink® herbicide tolerance for broad spectrum weed control

M = Multiple Modes-of-Action
- The use of multiple modes-of-action provides the most consistent insect protection
- Maintains long-term durability of trait technology

A = Acceleron™ Seed Treatment System
- Exclusive seed treatment system can help maximize the performance potential right from the start
- Helps protect your investment by controlling secondary pests and major seed and seedling diseases

R = Reduced Refuge 4X (corn belt 5%)
- The industry's first reduced refuge system for both above AND below ground insect protection
- Enables the highest whole-farm yield potential on the market

T = Total Peace of Mind
- Most advanced trait platform delivers all-in-one crop protection
- Less soil applied insecticide

VT3

YieldGard VT Triple®

YieldGard VT Triple® uses VecTran® technology to put all the most advanced insect and weed control traits stacked into one seed:
- Stalk protection
- Root protection
- Weed control when used in the Roundup Ready® 2 Technology System

YieldGard VT Triple hybrid system maximizes yield protection to maximize your corn's genetic potential.

Roundup Ready®

Roundup Ready® Corn 2
Unsurpassed weed control with outstanding crop safety and a wider application window when used in the Roundup Ready System.

Agrisure® 3000GT

Hybrids with the Agrisure 3000GT trait stack help growers launch maximum yield performance while providing the flexibility to choose management practices that fit their needs. This stack of Agrisure traits protects against both corn borer and corn rootworm, with tolerance to in-season applications of both glyphosate and glufosinate (Ignite®) herbicides.

Agrisure 3000GT Performance Characteristics
- Protects against yield-robbing Western, Northern, and Mexican corn rootworms
- Effectively controls first- and second-generation European corn borer
- Excellent control of leaf-feeding damage and suppression of ear-feeding damage from corn earworm
- Suppression of fall armyworm and Southern cornstalk borer
- Increased flexibility in weed and volunteer corn management with tolerance to glyphosate and glufosinate herbicides

AGRISURE® GT

Agrisure® GT hybrids provide tolerance to in-crop applications of glyphosate-based herbicides while offering growers a full range of assurances and the freedom to choose their preferred glyphosate brand.

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

The technology behind the Agrisure GT trait, the GA21 event, was developed between the late 1980s through the mid 1990s and was first marketed in 1998 as Roundup Ready® corn. Since then, thousands of growers on millions of acres have experienced the benefits of the GA21 technology.

Syngenta acquired the exclusive rights to commercialize the GA21 event, which cleared the way for Syngenta to offer an alternative glyphosate-tolerant trait choice to growers through multiple seed company partners. The result was the Agrisure GT trait.

IGNITE,® LIBERTYLINK®

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, post emergent weed control of new Ignite® herbicide for optimum yield and excellent weed control.

REFUGE STEWARDSHIP

Planting Refuges, Preserving Technology

Before opening a bag of seed, be sure to read and understand the stewardship requirements, **including applicable refuge requirements for insect resistance management,** for the biotechnology traits expressed in the seed as set forth in the Monsanto Technology Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

YieldGard VT Triple® Corn Technology
Insect Resistance Management Requirements and Options

Growers have two choices when planting their refuge for YieldGard® VT Triple corn hybrids:

- Common refuge: Plant a refuge that will serve as the refuge for both corn borers and corn rootworms.
- Separate refuge: Plant a separate refuge for corn borers and a separate refuge for corn rootworms. The corn rootworm refuge can be planted with YGCB, RR/YGCB, or conventional corn. The corn borer refuge can be RR corn or conventional corn.
  - Planting a refuge is an EPA requirement for YieldGard® VT Triple Corn.

Growers should refer to Monsanto's Technology Use Guide for information on crop stewardship regarding the potential movement of pollen to neighboring crops. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization. B.t. products, including Genuity™ SmartStax™ may not yet be registered in all states. Check with your seed representative for the registration status in your state.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. IMPORTANT: Grain Marketing and Seed Availability: Genuity™ SmartStax™ has received the necessary approvals in the United States, however, as of August 26, 2009, approvals have not been received in certain major corn export markets. Genuity™ SmartStax™ will not be launched and seed will not be available until after import approvals are received in appropriate major corn export markets. IMPORTANT: Grain Marketing and Seed Availability: Genuity™ VT Triple PRO™ has received the necessary approvals in the United States, however, as of August 26, 2009, approvals have not been received in all major corn export markets. Genuity™ VT Triple PRO™ seed will only be available as part of a commercial demonstration program that includes grain marketing stewardship requirements. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Consult with your seed representative for current stewardship information. Acceleron™, Acceleron and Design™, Genuity™, Genuity and Design™, Genuity Icons, Processor Preferred™, Processor Preferred and Design®, Roundup®, Roundup PowerMAX®, Roundup Ready®, SmartStax™, SmartStax and Design™, VT Triple PRO™, YieldGard Corn Borer and Design®, YieldGard Plus and Design®, YieldGard Rootworm and Design®, YieldGard VT®, YieldGard VT Rootworm/RR2®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC. Liberty Link and the Water Droplet Design® is a registered trademark of Bayer CropScience AG. Herculex is a trademark of Dow AgroSciences LLC. Respect the Refuge® and Respect the Refuge and Corn Design® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners.

SEED-APPLIED INSECTICIDES

PONCHO

Poncho® 250, Poncho® 500, and **Poncho® 1250**
Easy-to-use, effective, and economical, the Poncho family offers a broad spectrum of early-season seed and seedling pest protection. And now, new innovations allow you to hit early-season pests harder, protecting your corn and helping increase vigor, stands and yield. Choose from the broadest protection of Poncho 1250, the reliable protection of Poncho 250, or Bayer's new Poncho 500 with even better performance. Current data shows that the new Poncho 500 delivers on average 10 bu. more yield than fungicide controls.

Poncho® is a registered trademark of Bayer Crop Sciences.

Poncho® 250
Poncho 250 delivers early-season protection for your crop. It's a great option for protecting your emerging corn against cutworms, wireworms, seedcorn maggots, grape colaspis, flea beetles, chinch bugs and other early season pests. You'll also appreciate the ease-of-use and time-saving benefits of seed-applied insecticide. For more details on Poncho 250, contact your Eureka's Seed Sales Representative.

Poncho® 500
Introducing Poncho® 500 insecticide. It's the easy-to-use, economical protection from early season insects that you expect, with even better performance than Poncho 250. So choose Poncho 500 to protect your seed investment, and start maximizing your potential vigor, stand, and yield.

- By applying more active ingredient to the seed, Poncho 500 improves early season seed and seedling protection from damage caused by wireworm, black cutworm, and other early season insect pests
- Poncho 500 – treated seed produced nearly 500 more plants per acre than Poncho 250, even when Aztec® insecticide was applied with all treatments
- Current data shows that Poncho 500 delivers on average 10 bu/A more yield than fungicide controls
- Poncho 500 uses the same coating as Poncho 250
- Poncho 500 provides an excellent return on investment

Poncho® 1250 Treated Hybrids
Benefits:
Poncho® 1250 delivers early season protection from the following insects and replaces your liquid granular rootworm insecticides:

- Corn rootworm
- White grub
- Black cutworm
- Corn flea beetle
- Grape colaspis
- Seed corn maggot
- Wireworm

More benefits of Poncho® 1250 treated seed:
- No more messing with insecticide boxes
- No worries about market channeling
- Excellent choice for transgenic refuge acres
- Convenient and easy to use

Caution:
- Not for use in heavy corn rootworm infestations

Cruiser

- Helps increase stand, uniformity, and vigor, and protects yield potential
- Works in variable weather conditions
- Save time in planting
- Excellent crop, worker, and environmental profile
- Effective at low use rates

Cruiser Extreme 250
Cruiser Extreme 250 delivers early season protection for your crop. It's a great option for protecting your emerging corn against early season pests, such as wireworm, chinch bug, seedcorn maggot, southern corn leaf beetle, corn flea beetle, black cutworm, white grub, grape colaspis, thrips, southern green stinkbug, seedcorn beetle, sugarcane beetle, and corn leaf aphid.

In addition, Cruiser Extreme 250 provides control against fusarium, pythium, rhizoctonia, aspergillus, diplodia, and other early season seedling diseases.

Combining Four Great Products to Help Yield One Successful Crop
Cruiser Extreme 250 is a combination of four active ingredients that deliver .25mg ai/seed of Cruiser® (thiamethoxam) plus three fungicides: Apron®XL, Maxim®XL, and Dynasty.® Cruiser Extreme 250 offers growers superior protection against a broad spectrum of early-season insect pests, as well as enhanced disease protection against all four major fungal groups to help provide outstanding crop quality and enhance yield potential.

Advantages of Cruiser Extreme 250

- Allows corn crop to get off to a fast, vigorous start
- Helps improve plant stand, vigor, and yield
- Superior insect and disease protection
- Systemic protection against early-season sucking and chewing insect pests
- Studies show that adding Dynasty® to the standard fungicide package can increase plant stands and yield
- Conveniently delivered in the bag already treated
- All product components applied at low-use rates
- Polymer system added to improve handling and plantability
- Excellent crop, work, and environmental profile

SILAPREME HYBRIDS

SP

These hybrids have been tested over a wide geographic area with varying soil types for multiple years. **SilaPreme** hybrids have demonstrated a consistently high level of yield and forage quality. **SilaPreme** hybrids have:

- Demonstrated adaptability to growing conditions over a wide geographic area
- Consistently produced high forage yields
- Maintained a high level of forage quality over an extended harvest window
- Produced forage that has a high % of whole plant digestibility and a high % of Non-Fiber Carbohydrate
- Rates high in Milk2000* analysis for Pounds of Milk per Acre

*Shaver, Schwab, Hoffman, 2000 University of Wisconsin.
For more information see *www.wisc.edu/dysci/*.

PROCESSOR PREFERRED™

Processor PREFERRED
MONSANTO'S COMMITMENT TO ETHANOL

Monsanto established the Processor Preferred brand to deliver grain with compositional value to processors and to unlock value for growers in new markets. Our scientists confirm the value of Processor Preferred hybrids and varieties through world-class analytics. Monsanto's Crop Analytics Laboratories are two of the only labs in the world ISO 17025 certified for grain analysis. These internationally recognized quality assurance standards ensure our lab data are reliable, repeatable and consistent, so you can have confidence that products carrying the Processor Preferred brand designation can deliver the value processors prefer.

PP HES PP HFC

Processor Preferred corn hybrids yield more of the valuable traits that processors want or can mill more economically. These hybrids include **High Extractable Starch (HES)** and **High Fermentable Corn (HFS)**, and are available in a wide range of relative maturities and trait categories.

Several of Eureka Seeds' hybrids qualify for the Processor Preferred designation.

Processor Preferred® is a registered trademark of Monsanto Technologies, LLC.

Eureka SEEDS

BRAND CORN HYBRIDS

Plant these for yield, performance, and profit

ST-7141/ST-7141RR

Roundup Ready CORN 2

- 78 Days Relative Maturity
- GDU's to Physiological Maturity - 1,850
- GDU's to 50% Silking - 980
- Very Early Flowering
- Very Fast Grain Setup
- Excellent Grain Quality with High Bushel Weight
- Tall Hybrid with Very Upright Leaves
- Adapted to Northern Grain and Silage Growing Areas
- Superior Forage Quality Potential

ST-7184VT3

YieldGard VT Triple

PP HFC

- 84 Days Relative Maturity
- GDU's to Physiological Maturity - 1,960
- GDU's to 50% Silking - 1,110
- Excellent Plant Health
- Early Flowering and Grain Setup
- Excellent Root and Stalk Strength
- Low Ear Placement
- Very Good Tip Fill

ES-7130VT3

YieldGard VT Triple

- 95 Days Relative Maturity
- GDU's to Physiological Maturity - 2,360
- GDU's to 50% Silking - 1,220
- Early Flowering for Maturity
- Excellent Late Season Plant Health
- Girthy Ear with Excellent Drydown
- Recommended as a Dual Purpose Hybrid

ES-7146VT3

- 95 Days Relative Maturity
- GDU's to Physiological Maturity - 2,360
- GDU's to 50% Silking - 1,252
- Excellent Dual Purpose Hybrid
- Very Consistent Performer
- Girthy Ear with Excellent Drydown

ST-7237LRR

- 95 Days Relative Maturity
- GDU's to Physiological Maturity - 2,395
- GDU's to 50% Silking - 1,200
- Very Leafy Hybrid
- Produces Highly Digestible Forage
- Silage Specific
- Very Good Greensnap Resistance

ES-7195VT3

- 95 Days Relative Maturity
- GDU's to Physiological Maturity - 2,395
- GDU's to 50% Silking - 1,271
- Long Flex-Type Ear
- Excellent Root & Stalk Strength
- Strong Seedling Emergence
- Very Good Green Snap Resistance
- Excellent Grain Yield Potential

ES-7110VT3

- 96 Days Relative Maturity
- GDU's to Physiological Maturity - 2,355
- GDU's to Physiological Maturity - 1,221
- Very Consistent Producing Hybrid
- Very Girthy Ear with Excellent Drydown
- Excellent Dual Purpose Hybrid
- Very Good Roots and Stalks

ES-7217VT3

- 97 Days Relative Maturity
- GDU's to Physiological Maturity - 2,400
- GDU's to Physiological Maturity - 1,325
- Flowers Late but Finishes Quickly
- Large Girthy Ear
- Excellent Choice for Dual Purpose
- Recommended for Corn after Corn

ES-7280/ES-7280RR /ES-7280VT3

- 101 Days Relative Maturity
- GDU's to Physiological Maturity - 2,450
- GDU's to 50% Silking - 1,300
- Very Adaptable and Stress Tolerant
- Medium-Tall Dual Purpose Hybrid
- Excellent Agronomic Characteristics
- Handles Higher Populations Under Irrigation

ES-7477VT3

- 110 Days Relative Maturity
- GDU's to Physiological Maturity - 2,455
- GDU's to 50% Silking - 1,286
- Excellent Yield Potential
- Very Good Test Weight Grain
- Medium-Tall Plant with Very Wide Leaves
- Superior Root Strength
- Excellent Dual Purpose Hybrid

ST-7519RR

- 111 Days Relative Maturity
- GDU's to Physiological Maturity - 2,600
- GDU's to 50% Silking - 1,390
- Fast Grain Setup & Drydown
- Very Good Standability
- Excellent Yield for Maturity
- Handles Tougher Growing Conditions
- A Proven Workhorse Hybrid

ES-7538VT3 YieldGard VT Triple

- 114 Days Relative Maturity
- GDU's to Physiological Maturity - 2,690
- GDU's to 50% Silking - 1,400
- Excellent Agronomic Package
- Very High Yield Potential
- Very Good Bushel Weight
- Consistent Performance
- Ideally Suited for High Moisture Grain
- Potential for Very High Quality Silage

ES-7531

- 114 Days Relative Maturity
- GDU's to Physiological Maturity - 2,690
- GDU's to 50% Silking - 1,450
- Very High Yield Potential
- Excellent Grain Texture and Color
- Food Grade Quality Grain
- Outstanding Late Season Plant Health

ES-7590RR Roundup Ready 2 Corn 2

- 114 Days Relative Maturity
- GDU's to Physiological Maturity - 2,790
- GDU's to 50% Silking - 1,552
- Excellent Agronomic Package
- Very High Yield Potential
- Very Good Bushel Weight
- Large Girthy Ear
- Ideally Suited for High Moisture Grain
- Potential for Very High Quality Silage

ES-7588GT AgrisureGT

- 115 Days Relative Maturity
- GDU's to Physiological Maturity - 2,810
- GDU's to 50% Silking - 1,425
- Excellent Agronomic Package
- Very High Yield Potential
- Resistance to all formulations of Glyphosate
- Consistent Performance, Handles High Plant Population
- Ideally Suited for High Moisture Grain
- Potential for Very High Quality Silage

ST-7595/ST-7595RR

- 114 Days Relative Maturity
- GDU's to Physiological Maturity - 2,700
- GDU's to 50% Silking - 1,400
- Tall Plant with Strong Roots
- Excellent Late Season Health
- Large Girthy Ear
- Excellent Test Weight Grain
- Very Good Ear Flex

ST-7539/ST-7539RR /ST-7539 VT3

- 115 Days Relative Maturity
- GDU's to Physiological Maturity - 2,820
- GDU's to 50% Silking - 1,430
- Top Yielder in Multiple Geographic Zones
- Large Girthy Ear
- Medium-Tall Hybrid
- Potential for Superior Forage Quality
- Ideally Suited for High Moisture Grain

ES-7539SS

- 115 Days Relative Maturity
- GDU's to Physiological Maturity - 2,820
- GDU's to 50% Silking - 1,430
- Excellent Agronomic Package
- Proven Genetic Backround for the West
- Excellent Girthy Ear
- Consistent Performance Over Varied Conditions
- Ideally Suited for High Moisture Grain
- Potential for Very High Quality Silage

ST-7566/ST-7566RR

- 115 Days Relative Maturity
- GDU's to Physiological Maturity - 2,820
- GDU's to 50% Silking - 1,430
- Excellent Yield Potential
- Good Stress Tolerance
- Tall Hybrid
- Large Girthy Ear
- Potential for Superior Forage Quality

ST-7568a

- 116 Days Relative Maturity
- GDU's to Physiological Maturity - 2,840
- GDU's to 50% Silking - 1,520
- Tall Hybrid with Excellent Stalk & Root Strength
- Attractive Dark Green Plant
- Very Large Girthy Ear, Excellent Tip Fill
- Very High Yield Potential of High Quality Forage

ES-7548/ES-7548VT3

YieldGard VT Triple

- 116 Days Relative Maturity
- GDU's to Physiological Maturity - 2,730
- GDU's to 50% Silking - 1,322
- Excellent Agronomic Package
- Very High Yield Potential
- Very Good Bushel Weight
- Consistent Performance
- Ideally Suited for High Moisture Grain
- Potential for Very High Quality Silage

ES-7604GT

AgrisureGT

- 117 Days Relative Maturity
- GDU's to Physiological Maturity - 2,810
- GDU's to 50% Silking - 1,400
- Excellent Agronomic Package
- Very High Yield Potential
- Excellent Flex Ear
- Consistent Performance Over Varied Conditions
- Ideally Suited for High Moisture Grain
- Potential for Very High Quality Silage

ST-7624/ST-7624RR

Roundup Ready CORN 2

- 118 Days Relative Maturity
- GDU's to Physiological Maturity - 2,845
- GDU's to 50% Silking - 1,540
- Medium-Tall Plant
- Long Tapered Ear with Small Cob
- Handles Stress Extremely Well
- A Proven All-Purpose Hybrid

ST-7634/ST-7634RR

- 118 Days Relative Maturity
- GDU's to Physiological Maturity - 2,840
- GDU's to 50% Silking - 1,540
- Tall Hybrid with Excellent Stalk & Root Strength
- Very Large Girthy Ear with High Test Weight Grain
- Excellent Late Season Plant Health
- Very High Yield Potential of Premium Quality Forage
- Fast Emergence in Tough Conditions
- Recommend Population for Early Plantings 32-34,000
- Recommend 28-30,000 Plants Per Acre for Later (Mid-May) Plantings

ST-7679/ST-7679RR

- 118 Days Relative Maturity
- GDU's to Physiological Maturity - 2,840
- GDU's to 50% Silking - 1,500
- Very High Yield Potential
- Excellent Dual Purpose Hybrid
- Impressive Staygreen and Late Season Intactness
- Very High Quality Silage

ES-7654VT3

- 119 Days Relative Maturity
- GDU's to Physiological Maturity - 2,940
- GDU's to 50% Silking - 1,369
- Excellent Staygreen
- Wide Area of Adaptation
- Very High Agronomic Qualities
- Superior Standability
- Ideally Suited for High Moisture Grain
- Potential for Very High Quality Silage

Maturity Group	Base Hybrid	CRM	GDU's Maturity	GDU's 50% Silk	Genetic Traits	Processor Preferred	SilaPreme	Seedling Vigor	Plant Height	Stalk Strength	Root Strength	Plant Health	Grain Yield	Silage Yield	%NFC	%IVTDMD	Milk/Ac.
Very Early	ST-7141*	78	1,850	980	RR2		S	9	9	9	9	9	9	9	9	9	9
Early	ST-7184	84	1,960	1,100	VT3	HFC		9	8	9	9	9	9	8	9	9	9
Early	ES-7130	95	2,360	1,220	VT3			9	8	8	8	9	10	9	9	9	9
Early	ES-7146	95	2,360	1,252	VT3			9	8	8	8	8	8	9	8	8	8
Early	ES-7237L	95	2,395	1,200	RR2		S	8	10	8	8	8	8	10	8	9	10
Early	ES-7195	95	2,395	1,271	RR2 VT3	HFC		9	9	9	9	9	10	10	9	9	9
Early	ES-7110	96	2,355	1,221	VT3			9	10	8	8	9	9	10	9	9	9
Early	ES-7217	97	2,400	1,325	RR2			9	8	9	9	9	10	9	9	9	9
Early	ES-7280	101	2,450	1,300	RR2 VT3			9	8	9	9	9	9	9	8	9	9
Medium	ES-7477	110	2,455	1,286	VT3		S	9	8	9	9	9	8	9	9	9	9
Medium	ST-7519	111	2,600	1,390	RR2	HFC		9	7	9	9	8	9	8	9	9	9
Full	ES-7538	114	2,690	1,400	RR2 VT3		S	9	9	9	9	8	9	9	9	9	9
Full	ES-7531*	114	2,690	1,450				9	9	9	9	9	10	9	10	8	9
Full	ES-7590	114	2,790	1,552	RR2		S	9	8	9	9	9	10	9	9	9	9

Maturity Group	Base Hybrid	CRM	GDU's Maturity	GDU's 50% Silk	Genetic Traits	Processor Preferred	SilaPreme	Seedling Vigor	Plant Height	Stalk Strength	Root Strength	Plant Health	Grain Yield	Silage Yield	%NFC	%IVTDMD	Milk/Ac.
Full	ST-7595*	114	2,700	1,400	RR2	HFC	S	9	9	9	9	9	9	9	9	9	9
Full	ES-7588	115	2,810	1,425	GT		S	8	8	9	9	9	8	9	9	9	9
Full	ST-7539*	115	2,820	1,430	RR2 VT3 GSS	HES	S	9	8	9	8	9	9	8	9	9	10
Full	ST-7566*	115	2,820	1,430	RR2	HES	S	9	8	9	8	9	9	9	9	9	10
Full	ST-7568A*	116	2,840	1,520			S	8	9	9	9	9	NR	9	8	9	8
Full	ES-7548*	116	2,730	1,322	VT3		S	9	8	9	9	9	9	9	9	9	9
Ful	ES-7604	117	2,810	1,400	GT		S	9	10	9	8	10	NR	9	NR	NR	NR
Full	ST-7624*	118	2,845	1,540	RR2		S	8	8	9	9	9	8	9	9	9	9
Full	ST-7634*	118	2,840	1,540	RR2	HFC	S	10	10	9	9	9	NR	9	9	9	9
Full	ST-7679*	118	2,840	1,500	RR2	HES	S	8	8	9	8	9	9	9	9	9	9
Full	ES-7654	119	2,940	1,369	VT3		S	10	9	10	10	9	8	9	9	9	9

*=Available as a Conventional Hybrid
Rating Scale: 1-2 Poor, 3-4 Fair, 5-6 Good, 7-8 Very Good, 9-10 Excellent
CRM=Corn Belt Relative Maturity, **GDU's**=Growing Degree Units
%NFC=Non-Fiber Carbohydrate, **%IVTDMD**=In Vitro Total Dry Matter Digestibility, 48 hr

Milk/Ac.=Pounds of Milk per acre using the Milk2000 formula
Numerical ratings are for relative comparison of hybrids in the same Maturity Group
PP=Processor Preferred, **HES**=Highly Extractable Starch, **HFC**=Highly Fermentable Corn
MC=Market Choice, **SP**=SilaPreme, **IRM**=Insect Resistance Management Requirement Plan, **NR**=Not Rated

Eureka SEEDS

BRAND ALFALFAS

Yield, quality, and persistence... Eureka Seeds alfalfas stand out

BRAVO 4 BRAND

- High Yielding Dormant Product
- Excellent Winter-Hardiness
- Outstanding Leaf Retention and Color
- High Resistance or Resistance to 6 Major Alfalfa Pests
- Intended for Long Rotations
- Capable of Producing Excellent Dairy Quality Hay
- Use in 2-4 Cut Areas

PLUMAS

- Superior Yield Potential
- Use in 2-6 Cut Programs
- Fall Dormancy 3.8 / Winter-Hardiness 2.2
- For Dryland or Irrigated Management Conditions
- High Resistance or Resistance to 9 Major Alfalfa Pests and Diseases
- Excellent Potential for High Quality Hay
- High % of Multi-Leaf Expression
- Excellent Stand Persistence in Wet Soils

ST-9429

- Use in 2-6 Cut Harvest Programs
- Handles Wet Soils Very Well
- High Resistance or Resistance to 10 Major Alfalfa Pests and Diseases
- Outstanding Leaf-to-Stem Ratio
- Fine Stemmed. Excellent Visual Appearance
- Excellent Potential for High Quality Hay
- Very High Multi-Leaf Expression
- Very Strong Seedling Emergence

WHITNEY

- Very High Yield Potential
- Fall Dormant 4 / Winter-Hardiness 2.8-3.0
- Especially Suited for Areas where Phytophthora and Nematodes are Problems
- High Resistance or Resistance to 9 Major Alfalfa Pests and Diseases
- Dark Green Color. Excellent Visual Appeal
- Very High Multi-Leaf Expression
- Excellent Potential for High Quality Hay

DEL RIO

- Very High Yielding Semi-Dormant Variety
- Use in 5-8 Cut Harvest Programs
- Adapts to Varying Soil Types
- A Sacramento and Northern San Joaquin Valley Favorite
- Especially Suited for Areas where Phytophthora and Nematodes are Problems
- Very Good Multi-Leaf Expression
- High Resistance or Resistance to 9 Major Alfalfa Pests and Diseases

TANGO

- Very High Yielding Semi-Dormant Variety
- High Multi-Leaf Expression
- Top Producer in University Alfalfa Yield Trials
- Use in 4-8 Cut Harvest Programs
- High Resistance or Resistance to 9 Major Alfalfa Pests and Diseases

BRAVO 6

- High Resistance or Resistance to 7 Major Alfalfa Pests and Diseases
- Top Quality Value Priced Seed
- Proven Product

PACIFICO

- High Yielding Non-Dormant Variety
- Use in 7-9 Cut Harvest Programs
- Excellent Stand Persistence on Heavy Soils
- High Resistance or Resistance to 7 Major Alfalfa Pests and Diseases
- Adapted to San Joaquin and Northern Sacramento Valleys

BRAVO 8 BRAND

- Bravo Brand is a Top Producing Fall Dormant 8
- Capable of Good Yields
- Proven Genetics for all Non-Dormant Areas in California
- Suited for 7 to 9 Harvest Programs

VARIETY	FALL DORMANCY	WINTER HARDINESS	BACTERIAL WILT	VERTICILLIUM WILT	FUSARIUM WILT	APH	ANTHRACNOSE	PHYTOPHTHORA ROOT ROT	SPOTTED ALFALFA APHID	PEA APHID	BLUE APHID	STEM NEMATODE	NORTHERN ROOT KNOT NEMATODE	SOUTHERN ROOT KNOT NEMATODE	% ML
BRAVO 4	4	—	MR	MR	HR	—	HR	R	HR	R	R	MR	—	R	—
PLUMAS	4	2.2	HR	R	HR	R	HR	HR	R	R	—	HR	MR	—	69
ST-9429	4	2.8	HR	R	HR	HR	HR	HR	R	HR	HR	R	—	—	99
WHITNEY	4	3	HR	HR	HR	—	HR	HR	R	HR	—	HR	R	—	68
DEL RIO	6	—	R	R	HR	—	HR	HR	R	HR	—	R	—	—	48
TANGO	6	—	MR	HR	HR	—	HR	HR	HR	HR	R	MR	R	—	72
BRAVO 6	6	—	MR	MR	HR	—	R	HR	HR	HR	R	R	—	LR	—
PACIFICO	8	—	—	—	MR	MR	HR	R	HR	H	HR	R	—	R	—
BRAVO 8	8	—	MR	MR	HR	—	HR	R	HR	R	R	MR	—	R	—

% Resistant Plants	Resistance Class
0-5%	Susceptible (S)
6-14%	Low Resistance (LR)
15-30%	Moderate Resistance (MR)
31-50%	Resistance (R)
51% >	High Resistance (HR)
—	Variety has not been tested.

Fall Dormancy
1 = Most Dormant
9 = Least Dormant
This is an indication of Relative Maturity

APH = Aphanomyces Root Rot Race 1
% ML = Percent Multi-Leaf Expression

*Resistance to Columbian Root Knot Nematode

Eureka SEEDS

BRAND GRAIN SORGHUM HYBRIDS

Plant these for yield, performance, and profit

HYBRID GRAIN SORGHUMS

ST-3280

- 101 Days Relative Maturity
- 50-55 Days to 50% Flowering
- Used Primarily in Double Crop Situations
- Excellent Dry Down and Head Exertion
- Superior Seedling Vigor for Early Plantings
- Bronze Grain on a Semi-Open Head
- Very Good Drought Tolerance
- Good Tolerance to Charcoal Rot, Head Smut, and Mosaic Virus

ES-3285W

- 106 Days Relative Maturity
- 53-57 Days to 50% Flowering
- Food Grade White Vitreous Grain on a Tan Colored Plant
- Very High Bushel Weight
- Excellent Standability and Root Health
- Semi-Compact Head with Excellent Exertions
- Excellent Resistance to Head Smut
- Responds Well to Top Management

ST-3600

- 115-118 Days to Relative Maturity
- 62-67 Days to 50% Flowering
- Excellent Standability
- Dual Purpose Hybrid
- Drought Tolerant
- Sweet Stalk, Very Leafy
- Medium-Tall (6'-8')
- Single Cut Forage Management System
- Grain Sorghum Appearance

HYBRID FORAGE SORGHUMS

ST-925

- A Tall Plant with Wide, Heavy Leaves
- Excellent Palatability
- Very Good Standability
- High Grain-to-Stover Ratio
- Good Tolerance to Mosaic Virus and Anthracnose

ST-950 BMR

- Excellent Standability
- Medium-Tall Plant with Superb Palatability
- High Sugar Content and Very High Tonnage Capabilities
- Sterile Plant Needs a Pollen Source to Set Seed

ST-972 BMR

- Brown Midrib Fertile Forage Sorghum
- Up to 50% Less Lignin in the Total Plant
- Improved Dry Matter Intake
- Improved Dry Matter Digestibility
- Plant at 8 Pounds Per Acre
- Comparable Nutritional Value to Corn Silage
- Better Suited to Alkaline, Salty, or Droughty Conditions than Corn

SORGHUM X SUDAN HYBRIDS

SS-1000

- Capable of Very Fast Regrowth for Multiple Cuttings
- Very Sweet, Palatable Forage
- Very Leafy with Fine Stems
- Low Prussic Acid Levels

SS-1050

- Very Leafy Plant
- Small Seeded
- Multiple Cuttings
- Very Sweet, Palatable Forage
- Low Prussic Acid Levels

SS-2300 BMR

- Brown Midrib Sorghum x Sudan Hybrid
- Less Lignin in the Total Plant vs. Regular Types
- Improved Dry Matter Intake
- Improved Dry Matter Digestibility
- Plant at the Same Rate as Regular Sorghum x Sudans
- Well Suited to Alkaline, Droughty, or Saline Conditions

WARNING: Sorghum x Sudangrass should not be grazed before 18 inches high, immediately after any severe stress, or before regrowth is 12-18 inches high after cutting. Mares with foal should not graze sorghum x sudangrass, nor be fed greenchop made from sorghum x sudangrass.

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