United Farmers Cooperative

2010 Seed Guide

Diversity is Key

We at UFC, realize that seed traits are driving how our farmer members manage their acres each year. Herbicide and insecticide tolerant traits are a major part of seed today, which is why United Farmers Cooperative has aligned itself with four seed companies that are on the "cutting edge" of seed traits and technology.

UFC's dedicated staff works side by side with our seed suppliers, in order to ensure our patrons are receiving the very best information and products that will positively impact their individual farming operations.

United Farmers Cooperative is focused on meeting your seed needs. Whether its corn, soybeans, wheat, or sorghum, UFC's brand diversity offers you the seed and crop protection choices you need in order to maximize your profit potential.

Please see your local UFC Seed and Agronomy Specialist for more information.

ASGROW DELIVERS

NK

CROPLAN GENETICS

DEKALB WHEN PERFORMANCE COUNTS

Dow AgroSciences Mycogen SEEDS

Monsanto

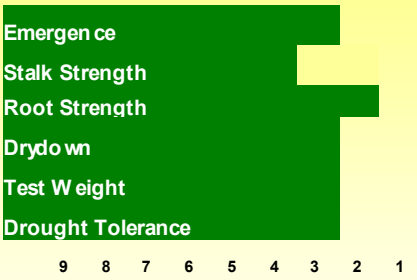
United Farmers Cooperative

CORN

DKC61-69 VT3

Excellent GLS!

Relative Maturity: 111 Day RM



* **Also available as 61-72RR2** *
* Outstanding yield potential.
* Very good stalk and root strength.
* Very good test weight and grain appearance.
* Good overall disease package.
* Good on all rotations.

DKC63-42 VT3

Excellent Emergence!

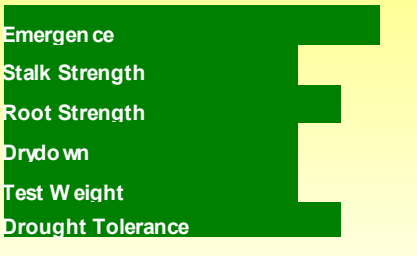
Relative Maturity: 113 Day RM

* **Also available as 63-45 RR & 63-46RR2/YGCB.**
* Excellent emergence & good seedling growth allow for early planting.
* Very good stalk & root strength.
* Good overall disease package including GLS resistance.
* Outstanding yield potential.

DKC65-63 VT3

High Yielding!

Relative Maturity: 115 Day RM

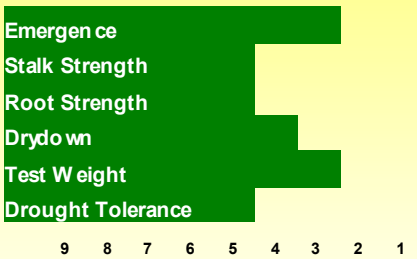


* Excellent stalk strength and strong roots.
* Superior staygreen and harvest appearance.
* Consistent performance across all soil types and tillage practices.

DKC64-79 VT3

Excellent Goss's Wilt Tolerance

Relative Maturity: 114 Day RM



* **Also available as 64-82RR2 & 64-83 GENVT3P**
* Excellent top end yield potential for the irrigated producer.
* Very good emergence and seedling growth.
* Very good Goss's Wilt Tolerance.

NOTES

Ratings: 1= Best, **9**=Worst

(1) General RM is relative data to maturity comparing our hybrids based on harvest moisture data collected from multi-year, multi-location, small plot trials and strip tests.
(2) M=Medium, **MH**=Medium-high, **ML**=Medium-low
(3) M=Medium, **MS**=Medium-short, **MT**=Medium-tall
(4) R=Resistant, **S**=Susceptible

HYBRID	EARLY GROWTH		RELATIVE MATURITY		AGRONOMIC CHARACTERISTICS			
	Emergence	Seedling Growth	General RM (1)	GDUs to Black Layer	Drought Tolerance	Green Snap	Drydown	Staygreen
DKC61-69 VT3	3	3	111	2760	3	4	3	3
DKC63-42 VT3	2	3	113	2800	3	3	4	2
DKC65-63 VT3	2	3	115	2810	3	3	4	2
DKC64-79 VT3	3	3	114	2820	5	4	4	5
DKC61-05VT3P	3	4	111	2780	3	4	4	4
DKC59-64 VT3	3	3	109	2780	3	5	3	3
DKC60-51 VT3	3	3	110	2760	3	4	3	3

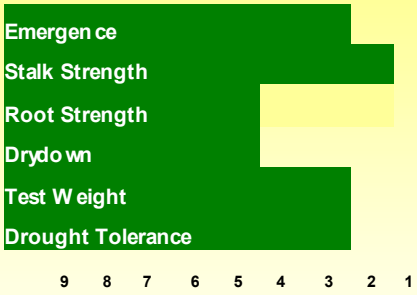
United Farmers Cooperative

Monsanto

ASGROW

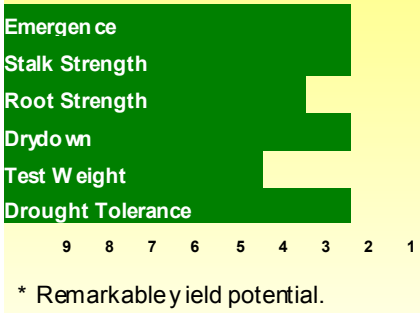
CORN

DKC61-05
NEW
GENVT3P
Excellent Yield!
Relative Maturity: 111 Day RM



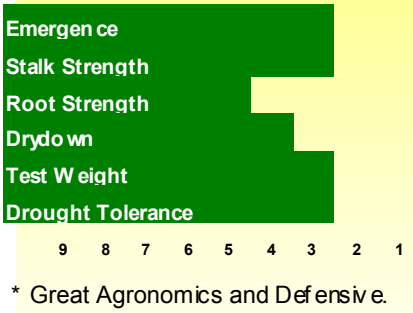
* Excellent Yield Potential and test wt.
* Excellent choice for corn on corn.
* Strong Drought and Heat Tolerance
* Strong Stalks and good greensnap tolerance.

DKC59-64
VT3
Remarkable Yield!
Relative Maturity: 109 Day RM



* Remarkable yield potential.
* Good overall disease package.
* Healthy harvest appearance due to good staygreen and intactness.
* Superb diplodia ear rot tolerance.

DKC60-51
VT3
Consistent Yield
Relative Maturity: 110 Day RM



* Great Agronomics and Defensive.
* Good overall disease package.
* Response well to Higher plant populations
* Great Choice for Corn on Corn.

YieldGard VT Triple

YieldGard VT Triple

Re-new your Monsanto Technology Agreement !
New and Existing Farmers must Sign a 2010 MTSA
Call 1-800-768-6387
Associates will take your information over the phone.

DEKALB WHEN PERFORMANCE COUNTS

genuity ™

AGRONOMIC CHARACTERISTICS (cont')					DISEASE RESISTANCE			ECB RESISTANCE	HYBRID
Root Strength	Stalk Strength	Test Weight	Ear Placement (2)	Plant Height (3)	Northern Leaf Blight-1	Goss's Wilt	Gray Leaf Spot	ECB	
4	4	3	M	M	3	6	5	R	DKC61-69 VT3
3	3	4	M	M	3	4	5	R	DKC63-42 VT3
3	3	4	M	M	3	2	5	R	DKC65-63 VT3
5	5	3	M	M	2	2	7	R	DKC64-79 VT3
5	2	2	M	M	4	3	5	R	DKC61-05 VT3P
4	3	5	M-H	M-T	3	6	5	R	DKC59-64 VT3
3	3	3	M	M	2	4	4	R	DKC60-51VT3

All CROPLAN GENETICS corn products are protected with Cruiser Seed Treatment

United Farmers Cooperative

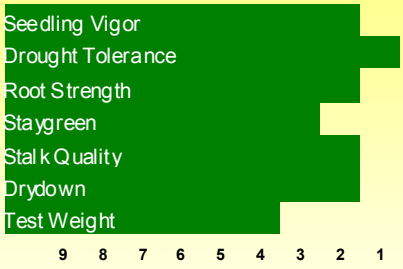
CORN

HY. X S.

6531VT3

Large Flex Ear

Relative Maturity: 113 Day RM



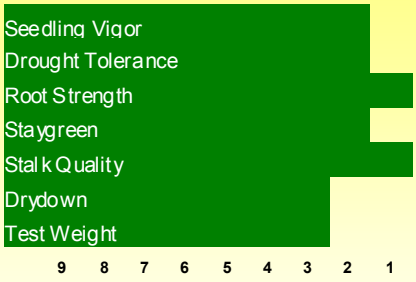
* Southern male from 6331, 6631, and 6831 combined with new HY female for considerably more roots and stalk quality.
* Large girthy ears.
* Ear-size and nitrogen driven.
* Flex ear.

HY.xs.W.T.

6818VT3

Great Root Strength

Relative Maturity: 113 Day RM



* **Also available as 6818RR.**
* Best placement on good soils under irrigation.
* Strong root system for exceptional heat tolerance.
* Best defense for continuous corn acres.

HY. X N.w.

6525VT3

Great Plant Health!

Relative Maturity: 112 Day RM

* The male of 6125 and 6425 combined with a new female improves roots, stay green, plant intactness, and adds more GLS tolerance.
* Large flex ear allows movement to lower plant populations on sandy soil or continuous corn.

HYBRID	Genetically Modified Hybrid	EARLY GROWTH	RELATIVE MATURITY		AGRONOMIC CHARACTERISTICS			
		Seed Vigor	General RM (1)	GDU to Maturity	Drought Tolerance	Stay Green	Drydown	Ear Flex
6531 VT3	Yes	2	113	2790	1	3	2	2
6818 VT3	Yes	2	114	2830	2	2	2	8
6525 VT3	Yes	2	112	2750	2	2	2	3
6178 VT3P	Yes	2	112	2700	2	2	3	4
6763 VT3	Yes	1	114	2810	2	1	2	4
7131 VT3	Yes	3	115	2800	1	3	2	2
7505 VT3	Yes	2	114	2820	2	1	2	3

United Farmers Cooperative

All CROPLAN GENETICS corn products are protected with Cruiser Seed Treatment

CROPLAN GENETICS

CORN

HY.x N.W.e

6178VT3P

NEW

High Yield

Relative Maturity: 112 Day RM

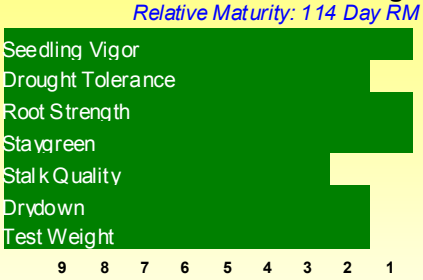
* **Also Available as 6178RR**
* Combines a new version of the female used in 6818 and 7505, with a new male
* Improved Roots and Yield.
* Consistent girthy ears. Plant at medium to high populations.

HY.UR. X W.

6763VT3

Exceptional Disease Package

Relative Maturity: 114 Day RM



* W.UR male in 663 combined with a new HY.UR female.
* Excellent GLS tolerance; very good on NCLB and SCLB; average on common and southern rust.
* Very good test weight/grain quality.

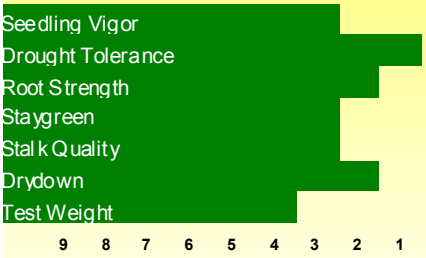
VT Triple

HY.LH. X S.

7131VT3

Nitrogen Driven!

Relative Maturity: 115 Day RM



* Excellent roots, and plant health.
* Top-end yield potential.
* Flexable Ear-size and nitrogen driven
* Avoid poorly drained clay soils.

VT Triple

HY. X T.N.

7505VT3

One of UFC's Top Yielders!

Relative Maturity: 114 Day RM

* **Also Available as: RB, & RR**
* Flowers early.
* Outstanding health and staygreen.
* Exceptional high-end yield ability.
* Slow dry down.

VT Triple

NOTES

1=Best, 9=Worst

(1) General RM is relative data to maturity comparing our hybrids based on harvest moisture data collected from multi-year, multi-location, small plot trials and strip tests.
(2) Ear Height: H=High, M=Medium
(3) Plant Height: T=Tall, M=Medium
(4) TS=RR2/YGPL

AGRONOMIC CHARACTERISTICS (cont')					DISEASE RESISTANCE		HYBRID
Root Strength	Stalk Quality	Test Weight	Ear Height (2)	Plant Height (3)	Goss's Wilt	Gray Leaf Spot	
2	2	4	M	M-L	1	4	6531 VT3
1	2	3	M	M	5	3	6818 VT3
2	2	2	M	M-L	3	3	6525 VT3
2	1	3	M	M	3	4	6178 VT3P
1	3	2	M	M	3	2	6763 VT3
2	3	4	M	M-T	1	5	7131 VT3
1	1	2	M	M	5	3	7505 VT3

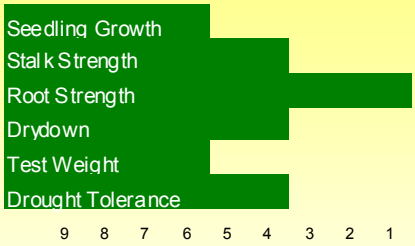
All NK corn products are protected with
Cruiser Seed Treatment

United Farmers Cooperative

N68B-3000GT

Top End Yield Punch!

Relative Maturity: 110 RM



* **Also available as GT & CB/LL/RW.**
* Use where GLS is low or can be managed with fungicides.
* Fits well across a wide range of soils, works well in all crop rotations and tillage systems.
* Excellent roots.
* Good drought tolerance and earflex.

N61P-3000GT

NEW **Solid Agronomics!**

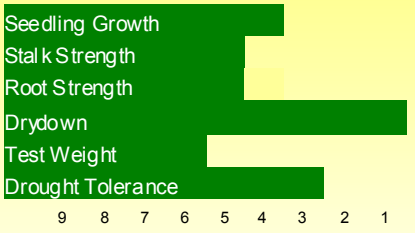
Relative Maturity:108 RM

* Excellent choice for early planting.
* Good for no-till and reduced tillage, works well in all crop rotations.
* Excellent plant health.
* Flex ear plant at Moderate Pop.

N72K-CB/LL/GT

NEW **Consistent Girth Ears!**

Relative Maturity: 112 RM



* Superior yield potential in high yield environments
* Early flowering w/ excellent dry down
* Use low to moderate planting rates.
* Good overall Agronomics.

New and Improved Stewardship Agreement and New Technology Reference numbers.

Visit www.agrisuretraits.com/Stewardship.aspx

All Growers planting Agrisure Traits must sign the new agreement

NOTES

1=Best, 9= Worst

(1) General RM is relative data to maturity comparing our hybrids based on harvest moisture data collected from multi-year, multi-location, small plot trials and strip tests.
(2) Ear Type: Fixed, Flex, Semi-flex,
(3) Ear Height: L=Low, M=Medium, MH=Medium High, H=High
(4) Plant Height: MT=Medium-tall
(5) Foliar Disease Protection Rating: E=Excellent, G=Good, F=Fair, P=Poor

HYBRID	EARLY GROWTH		RELATIVE MATURITY		AGRONOMIC CHARACTERISTICS				
	Emergence	Seedling Growth	General RM (1)	GDU to Maturity	Drought Tolerance	Greensnap	Drydown	Ear Type (2)	Root Strength
N68B 3000GT	5	5	110	2765	3	4	3	Flex	1
N61P-3000GT	3	3	108	2530	2	-	4	Semi-Flex	3
N72K-CB/LL/GT	3	3	112	2850	3	4	1	Flex	4
N72Q -3000GT	3	3	112	2660	3	3	3	Flex	4
N74C-3000GT	4	4	113	2720	3	2	3	Semi-Flex	4
N73V-3000GT	3	3	113	2735	3	4	3	Semi-Fix	3

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All NK corn products are protected with Cruiser Seed Treatment

CRUISER

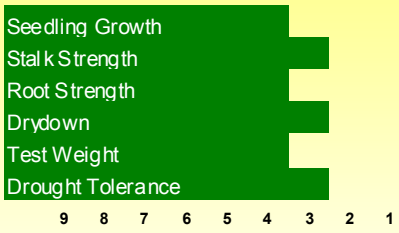
NK

CORN

N74C-3000GT

Top End Yield and Grain Quality!

Relative Maturity: 113 RM



* **Also available in HX/LL.**
* Superior plant health.
* Very good grain quality.
* Excellent test weight.
* Steady agronomics with dual purpose potential in this tall eastern adapted hybrid..

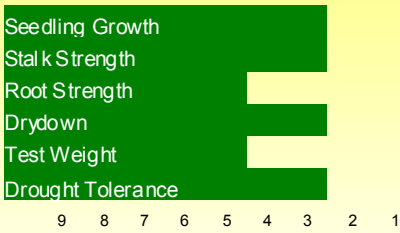
Agrisure 3000GT

N72Q-3000GT

NEW

Exc. Disease Package!

Relative Maturity: 112 RM



***Available in all trait conversions!**
CB/LL/RW & GT
* Strong drought tolerance.
* Excellent ear flex for enhanced adaptability and performance.
* Very good seedling growth.
* Very good stalk quality.

Agrisure 3000GT

N73V-3000GT

Consistent high yield performance!

Relative Maturity: 113 RM

*Solid Agronomic Package
* Consistent Top End Yields
* Responds well to High Populations
* Good Late season health.
* Very good Gray Leaf Tolerance.

Agrisure CB/LL/RW

AGRONOMIC CHARACTERISTICS (cont')				DISEASE RESISTANCE		HYBRID
Stalk Strength	Test Weight	Ear Height (3)	Plant Height (4)	Gray Leaf Spot	Goss's Wilt	
3	5	M	M	F	E	N68B 3000GT
2	4	M	MT	G	E	N61P-3000GT
5	4	M	M	F	E	N72K-CB/LL/GT
2	6	M	M	F	E	N72Q -3000GT
4	3	M	T	E	G	N74C-3000GT
3	3	M	MT	E	E	N73V-3000GT

All Mycogen corn products are protected with Cruiser Seed Treatment

CRUISER

United Farmers Cooperative

CORN

2V732VT3

Excellent Yield!

Relative Maturity: 113 Day RM

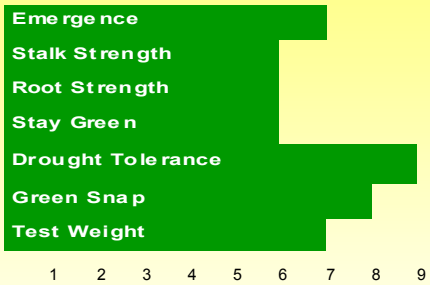
* Combines high yield and excellent yield stability.
* Widely adapted east to west.
* 2V732 has the potential to become the co-anchor with the 2T780 family to the 113-114 day lineup.

YieldGard VT Triple

2T699VT3

Consistent Grithy Ears!

Relative Maturity: 110 Day RM



* Top End Yield .
* Average Disease Package.
* Good tolerance to Goss's Wilt.
* Irrigated intensive managed acres.
* Plant at Moderate to High Populations

YieldGard VT Triple

2C727Hx/LL

Excellent Top-End Yield!

Relative Maturity: 112 Day RM

* **Also available as 2C729 HXXT, 2C730 HXXT/RR**
* Large, girthy, flex ears.
* Performs particularly well following soybeans.
* Great yields in high management situations.
* Later-maturing replacement for 2E685 family.

NOTES

9=Best, 1= Worst

(1) General RM is relative data to maturity comparing our hybrids based on harvest moisture data collected from multi-year, multi-location, small plot trials and strip tests.
(2) Ear Height: M=Medium, MH=Medium-High
(3) Plant Height: M=Medium, MT=Medium-Tall,
(4) Ear Flex: Semi=Semi-Flexible, Flex=Flexible

HYBRID	EARLY GROWTH		RELATIVE MATURITY		AGRONOMIC CHARACTERISTICS			
	Emergence	Early Vigor	General RM (1)	GDD to Maturity	Drought Tolerance	Stay Green	Drydown	Green Snap
2V732 VT3	8	8	113	2765	7	7	7	7
2T699 VT3	7	7	110	2765	7	6	7	7
2C727Hx/LL	7	7	112	2625	7	7	7	7
2Y739 HXtra/LL/RR	7	7	113	2730	7	7	7	7
2E698 SS	7	7	110	2790	7	7	8	8
2T789HXtra/LL/RR	7	7	114	2740	8	7	7	7
2T832 VT3	7	7	115	2785	7	7	7	7

United Farmers Cooperative

All Mycogen corn products are protected with Cruiser Seed Treatment

CRUISER

Dow AgroSciences Mycogen SEEDS

2Y739 HXtra/LL/RR

High Yielding Hybrid!

Relative Maturity: 113-114 Day RM

*** Also available as 2Y737 HXXT**

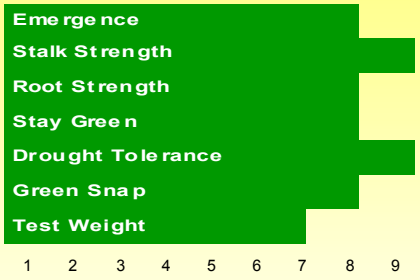
* High yields and outstanding grain quality.

* Performs best at medium to medium-high plant densities.

NEW 2E698 Smart Stax

New Smart Stax !

Relative Maturity: 110 Day RM



*** Also available as 2E694RR & 2E696VT3**

* Good Goss's Wilt Tolerance

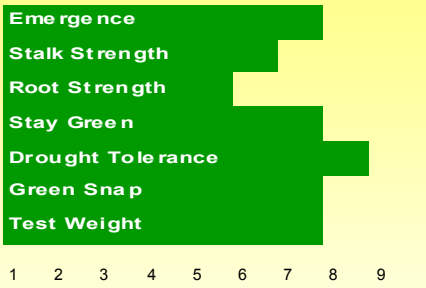
* Excellent stalks and roots.

* Good Late season intactness .

2T789 HXXT/LL/RR

Long Flex Ear!

Relative Maturity: 114Day RM



*** Also available as 2T777RR2, 2T783Hx/LL/RR2, 2T784 SS & 2T780 Hx/LL.**

* Outstanding yields come from quality grain produced on long, girthy ears with white cobs.

* Outstanding ear flex.

* Best performance with moderate plant populations, 28-29,000.

2T832 VT3

Strong Agronomics!

Relative Maturity: 115 Day RM

*** Also Available as 2T826 HX/LL/RR**

* Rewards good management.

* High yielding, flex ear.

* Keep populations moderate to allow ears to flex .

YieldGard VT Triple

SmartStax

A DOW AGROSCIENCES INNOVATION*

Dow AgroSciences Mycogen SEEDS

Takes yield to the next level by reducing refuge requirements from 20 percent to 5 percent[1] and utilizing the latest in high yielding genetics. Combines both the HERCULEX® and YieldGard® traits for the broadest spectrum of above- and belowground insect protection ever available. With multiple *Bt* proteins expressed throughout the entire plant, insect resistance is reduced, along with refuge requirements resulting in higher overall yield. *SmartStax*™ also provides maximum herbicide flexibility by including both Roundup Ready® and LibertyLink® technologies for broad-spectrum weed control options.

AGRONOMIC CHARACTERISTICS (cont')						DISEASE		HYBRID
Root Strength	Stalk Strength	Test Weight	Ear Height (2)	Plant Height (3)	Ear Type (4)	Gray Leaf Spot	Goss's Wilt	
7	6	8	M	M	Semi-Flex	7	7	2V732 VT3
5	6	6	M	M	Semi-Flex	6	7	2T699 VT3
6	6	6	ML	M	Flex	4	7	2C727Hx/LL
6	7	8	MH	MT	Flex	6	7	2Y739 Hx/LL/RR
8	7	7	MH	MT	Semi-Flex	6	8	2E698 SS
5	6	7	M	MT	Flex	6	8	2T789HXtra/LL/RR
5	6	7	M	MT	Flex	7	7	2T832 VT3

Monsanto

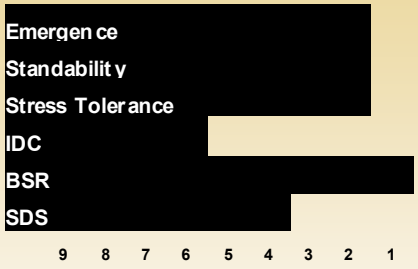
United Farmers Cooperative

SOYBEANS

AG2606

Excellent Yield Potential!

Mid-Group II (2.6)

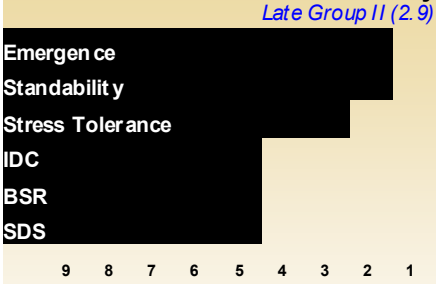


* Great emergence and standability.
* Plant with confidence on all acres.
* Very good iron Chlorosis tolerance.
* Attractive plant type with excellent yield potential.

AG2909

Excellent Emergence & Standability

Late Group II (2.9)



* Aggressive plant type with excellent standability and top-end yield potential..
* Excellent emergence and Phytophthora protection make this product an ideal candidate for reduced tillage.

AG3005

High Yielding

Early Group III (3.0)

* Utilize in areas that have potential for Phytophthora root rot.
* Multi-race resistance to Phytophthora root rot with the $Rps1^{C}$ gene.
* Excellent emergence & very good Standability.
* Position for high yield potential and BSR tolerance.

CHART RATINGS:

(1) Relative Maturity: First number indicates maturity group, the second number indicates within group maturity rating on 0-9 scale (0=early, 9=late)
(2) Plant Type: M=Medium, MB=Medium Bushy
(3) Plant Height: Measured in inches
(4) Ratings: 1=Excellent, 5=Average, 9=Poor
(5) Resistance Categories: S=Susceptible; a number = race 3, 4, 9, or 14
(6) BSR=Brown Stem Rot, **IDC**=Iron Deficiency Chlorosis, **PRR**=*Phytophthora* Root Rot, **SCN**=Soybean Cyst Nematode (specific races defined), **SWM**=*Sclerotinia* White Mold, **SDS**=Sudden Death Syndrome
Preliminary Screening

BRAND	AGRONOMIC CHARACTERISTICS							DISEASE AND PEST RESISTANCE (6)					
	Herbicide Resistance	Relative Maturity	Plant Type	Plant Height	Stand-ability	Emer-gence	No-till Adaptability	PRR Resistance	SCN* Resistance	BSR* Tolerance	IDC* Tolerance	SWM Tolerance	SDS
	Gene	(1)	(2)	(3)	(4)	(4)	(4)	-	(5)	(4)	(4)	(4)	(4)
AG2606	RR	2.6	M	37	2	2	2	$Rps1^{c}$	MR3	1	6	4	4
AG2909	RR	2.9	M	39	2	2	3	$Rps1^{c}$	MR3	5	5	8	5
AG3005	RR	3.0	M	34	3	2	2	$Rps1^{c}$	S	4	5	6	6
AG3030	RR	3.0	MB	36	3	2	2	$Rps1^{k}$-$Rps1^{c}$	MR3	2	-	-	-
AG2403	RR	2.4	MB	32	1	2	2	$Rps1^{k}$	S	2	4	5	7
DKB25-51	RR	2.5	B	31	1	3	3	$Rps1^{k}$	S	8	6	5	7

United Farmers Cooperative

Monsanto

AG3030

NEW

GENRR2Y

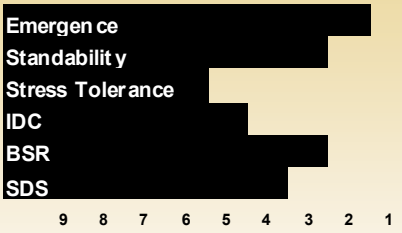
Early to Mid-Group III (3.0)

* New GENRR2Y
* Better Nebraska adaptation
* Excellent Yield Potential on wide variety of soil types

AG2403

Great Early Bean!

Early to Mid-Group III (2.4)

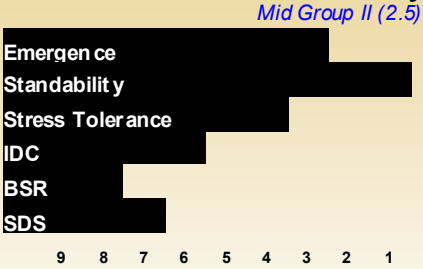


* Offers excellent emergence and very good disease resistance.
* Offers outstanding yields.
* Medium Bushy plant type works well in all rows widths.
* Excellent choice for dryland or Irrigated

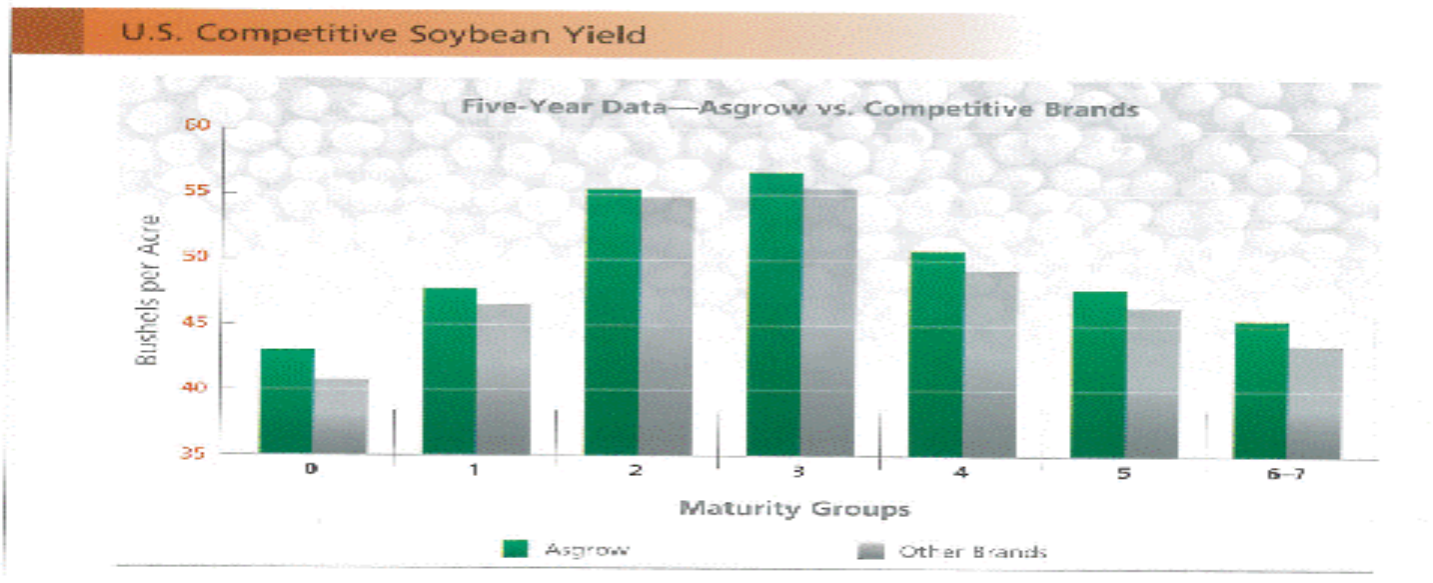
DKB25-51

Yield, Emergence & Standability

Mid Group II (2.5)



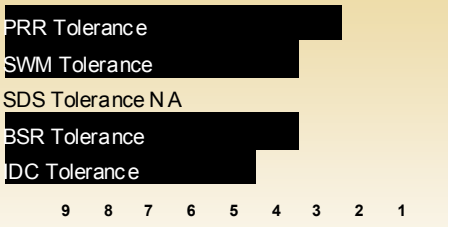
* Yield, emergence and standability are the main advantages of this variety.
* Pay close attention to disease package & position accordingly.
* High yield potential.
* Avoid areas where IDC or BSR reduces yield.



NOTES

RT2547

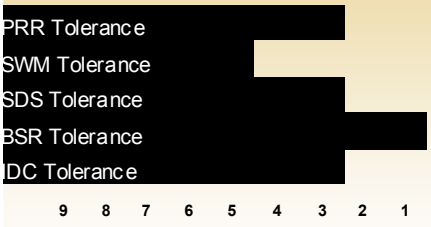
Excellent Yield!
2.5 RM



* Western line with excellent yield stability.
* Rps1k gene for PRR resistance.
* Proven genetic background for Western

RT2588

Great Disease Tolerance!
2.5 RM



* Replacement for RT2678 in lineup.
* Rps1k gene for PRR resistance.
* BSR resistance.

RT2722

Very Good IDC Tolerance!
2.7 RM

* Direct descendant of and replacement for RT2822.
* BSR and PRR resistance.
* Very good IDC tolerance.

CHART RATINGS:
(1) Relative Maturity: First number indicates maturity group, the second number indicates within group maturity rating on 0-9 scale (0=early, 9=late)
(2) Canopy Width: N=Narrow, I=Intermediate, I/B=Intermediate/Bushy, B=Bushy
(3) Plant Height: M=Medium, MT=Medium Tall
(4) Ratings: 1=Excellent, 5=Average, 9=Poor
(5) BSR=Brown Stem Rot, **IDC**=Iron Deficiency Chlorosis, **PRR**=*Phytophthora* Root Rot, **SCN**=Soybean Cyst Nematode (specific races defined), **SWM**=*Sclerotinia* White Mold, **SDS**=Sudden Death Syndrome

Ratings: 1=Excellent, 5=Average, 9=Poor

BRAND	AGRONOMIC CHARACTERISTICS					Row Widths		DISEASE AND PEST RESISTANCE						
	Herbicide Resistance	Relative Maturity	Canopy Width	Plant Height	Stand-ability	Narrow	Wide	PRR Gene	PRR Tolerance	SCN* Resistance	BSR* Tolerance	IDC* Tolerance	SWM* Tolerance	SDS Tolerance
	Gene	(1)	(2)	(3)	(4)	(4)	(4)		(5)	(5)	(5)	(5)	(5)	(5)
RT2547	RR	2.5	I	M	2	2	2	Rps1k	3	None	4	5	4	N/A
RT2588	RR	2.5	I	M-T	3	3	3	Rps1c	3	Tolerance	1	3	5	3
RT2722	RR	2.7	I-B	M-T	3	3	2	Rps1k	3	None	2	3	5	4
RT2610	RR	2.6	I	M-T	2	3	2	Rps1c	3	None	3	5	4	-
LC2739	LL	2.7	I-B	M-T	2	2	3	None	2	Tolerance	-	4	N/A	3
RT3258	RR	3.2	I-B	M	2	3	1	Rps1k	3	R3, MR14	4	4	N/A	5

United Farmers Cooperative

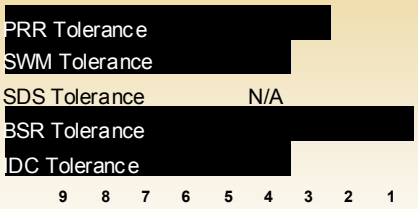
CROPLAN GENETICS

SOYBEANS

RT2610

Diverse Genetics!

2.6 RM

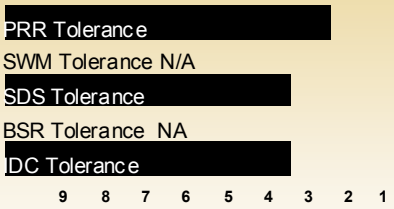


* Very high yield potential in Western environments.
* BSR resistant.
* Very good disease package.
* Blend of RT2547 & RT2588

LC2739

Liberty Resistant!

2.7 RM

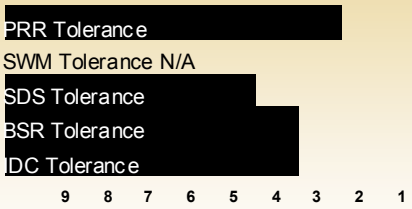


* SCN resistance R3, MR14.
* Rugged plant type; very good early vigor.
* Good Field tolerance to PRR.
* Offensive/defensive, Int. Bush, Tall

RC3258

Excellent Cyst Resistance!

3.2 RM



* Excellent performance in the West.
* Rps1c gene for PRR resistance.
* Potential replacement for RT3253 with cyst resistance.

ROUNDUP READY 2 YIELD®:

TAKING SOYBEAN YIELD TO A HIGHER LEVEL

Roundup Ready 2 Yield™ is taking soybeans to a whole new level through advanced technology and breeding:

- The next generation of Roundup Rea ® delivering top-end yield potential
- Four years of research demonstrates a 7-11% yield increase over Roundup ady*
- Same simple, dependable weed control you expect from Roundup Ready soybeans

Roundup Ready 2 YIELD

NOTES

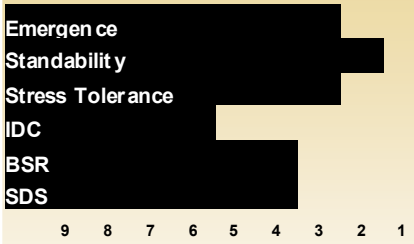
CROPLAN GENETICS

S25-R3

NEW

Outstanding Yields!

Mid-Group II (2.7)

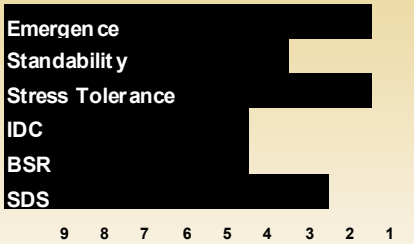


* High yielding soybean.
* Dryland or Irrigated
* Superior Stress and Standibility

S30-F5

High Yield Potental

Mid-Group II (3.0)

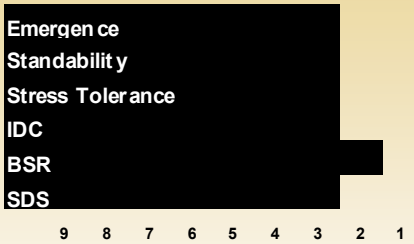


* Excellent stress tolerance.
* Very good agronomics.
* Works best in high yield environments
* Works well in all row widths.

S28-B4

Top End Yields!

Mid-Group II (2.8)



* Good drought and stress tolerance.
* Strong IDC tolerance to deliver consistent performance on tougher soils.
* Works well in all row widths.
* Good choice for poorly drained soils.

CHART RATINGS:

(1) Relative Maturity: First number indicates maturity group, the second number indicates within group maturity rating on 0-9 scale (0=early, 9=late)

(2) Canopy: M=Medium, MB=Medium Bushy, MT=Medium Tall, B=Bushy

(3) Plant Height: MS=Medium-short, M=Medium, MT=Medium-tall

(4) Ratings: 1=Excellent, 5=Average, 9=Poor

(5) Resistance Categories: S=Susceptible

(6) BSR=Brown Stem Rot, **IDC**=Iron Deficiency Chlorosis, **PRR**=*Phytophthora* Root Rot, **SCN**=Soybean Cyst Nematode, **SDS**=Sudden Death Syndrome

Ratings: 1=Excellent, 5=Average, 9=Poor

BRAND	AGRONOMIC CHARACTERISTICS								DISEASE AND PEST RESISTANCE (6)					
	Herbicide Resistance	Relative Maturity	Canopy	Plant Height	Stand-ability	Emer-gence	Narrow Row Adaptability	Shatter Resistance	PRR Resistance	PRR Tolerance	SCN* Resistance	BSR* Tolerance	IDC* Tolerance	SDS
	Gene	(1)	(2)	(3)	(4)	(4)	(4)	(4)	-	(4)	(5)	(4)	(4)	(4)
S25-R3	RR	2.5	MB	M	2	3	2	1	Pps1k	4	S	3	5	4
S30-F5	RR	3.0	MT	M	4	3	1	2	None	4	S	5	5	3
S28-B4	RR	2.8	MB	M	3	3	2	1	Rps1k	3	S	2	3	3
S28-G1	RR	2.8	B	M	3	3	2	2	Rps1a	4	S	3	5	4
S30-D4	RR	3.0	MB	M	3	3	1	2	Rps1a	4	S	5	6	5

United Farmers Cooperative

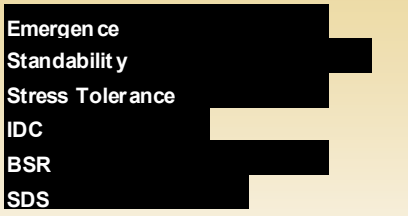
S28-G1

High Yielder!
Late-Group II (2.8)

* Plant in soils with moderate to good drainage.
* Excels in all row widths.
* Works well with most tillage and residue management systems.
* A top yielder with excellent stress tolerance and good agronomics.
* Excellent harvestability and shatter score.

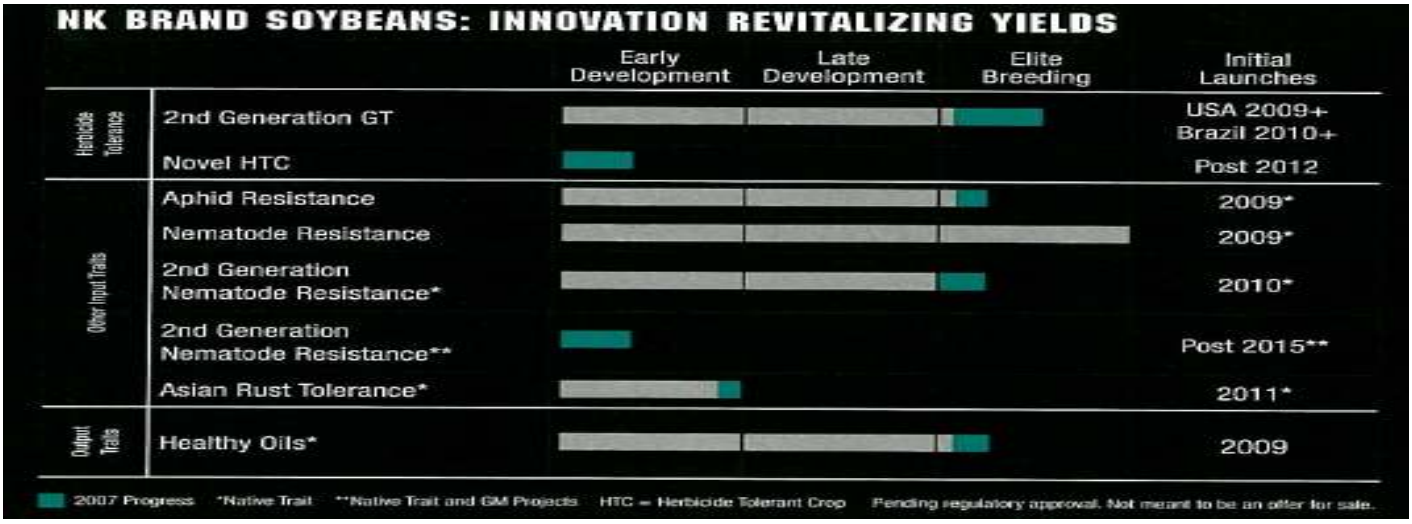
S30-D4

High Oil Soybean
Very Early-Group III (3.0)



* Plant in soils with moderate to good drainage.
* Good fit for all row widths, with early to normal planting dates.
* Works with most tillage systems and light to moderate residue levels.
* Widely adaptable - dryland and irrigated.

SOYBEANS



NOTES

Dow AgroSciences Mycogen SEEDS

United Farmers Cooperative

5B261RR

STS

Great All Around Bean!

RM (2.6)

* A big, tall, rugged variety with big yield capability.
* Provides good levels of protection against Phytophthora, as well as very good stress tolerance.
* Performs best in wide rows or low density solid seeding.

5N291RR

SCN

Very Good Yield Performance!

RM (2.8)

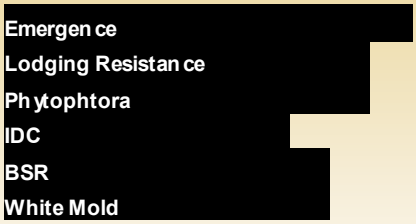
* Combines loads of yield with an exceptional defensive package.
* Very good disease tolerance.
* Handles stress very well and shows very good east to west movement.

5N300RR

SCN

High Yields!

RM (3.0)



* High Yields and a stron defensive package give it great stability in performance.
* Good tolerance to white mold, brown stem rot, and sudden death syndrome.
* Quantities may be limited for 2008.

NOTES

Ratings: 9=Excellent, 5=Average, 1=Poor

BRAND	AGRONOMIC CHARACTERISTICS						DISEASE AND PEST RESISTANCE (6)						
	Herbicide Resistance	Relative Maturity	Canopy Type	Plant Height	Emergence	No-till Adaptability	PRR Resistance	PRR Tolerance	SCN* Resistance	BSR* Tolerance	IDC* Tolerance	WM Tolerance	SDS
	Gene	(1)	(2)	(3)	(4)	(4)	-	(4)	(5)	(4)	(4)	(4)	(4)
5B261RR	RR	2.6	B	T	8	8	Rps1c	7	S	5	7	7	7
5N291	RR	2.8	M-B	T	9	9	Rps1c	7	R3, MR14	8	7	7	8
5N300RR	RR	3.0	MB	MT	9	8	Rps1c	8	R3, R14	7	6	7	7
5B310RR	RR	3.1	B	M	9	9	Rps1c	7	R3, MR14	-	4	-	7
5N320RR	RR	3.2	M	M	9	8	Rps1k	8	R3, MR14	5	5	5	8

SOYBEANS

SCN

5N310RR

Top Early Planter

RM (3.1)

Emergence
Lodging Resistance
Phytophtora
IDC

BSR-NO RATING

White Mold-NO RATING

1 2 3 4 5 6 7 8 9

* A top choice for early planting or no-till due to excellent emergence and standability.
* Provides good protection against soybean cyst nematode, SDS and Phytophthora.
* Adapts to all row widths.
* Replaces SB311RR.

SCN

5N320RR

Good Against Phytophthora

Emergence
Lodging Resistance
Phytophtora
IDC
BSR
White Mold

1 2 3 4 5 6 7 8 9

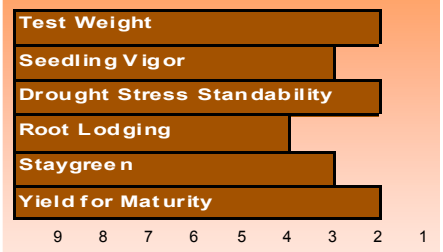
* High yielding, cyst nematode resistant replacement for 5N327RR.
* Very good protection against Phytophthora & SDS.
* Performs well in both narrow and wide rows.
* Medium height with a bushy canopy.

CHART RATINGS:
(1) Relative Maturity: First number indicates maturity group, the second number indicates within group maturity rating on 0-9 scale (0=early, 9=late)
(2) Canopy Type: B=Bushy, M=Medium, MB=Medium Bushy
(3) Plant Height: MS=Medium Short, M=Medium, MT=Medium Tall
(4) Ratings: 9=Excellent, 5=Average, 1=Poor
(5) Resistance Categories: S=Susceptible;
(6) BSR=Brown Stem Rot, **IDC**=Iron Deficiency Chlorosis, **PRR**=*Phytophthora* Root Rot, **SCN**=Soybean Cyst Nematode (specific races defined), **WM**=White Mold, **SDS**=Sudden Death Syndrome

Sorghum

United Farmers Cooperative

A567
Medium-Full Hybrid



* A medium-full hybrid with very good seedling growth
* Good plant uniformity with very good drought resistance
* Bronze grain color with purple plant pigmentation

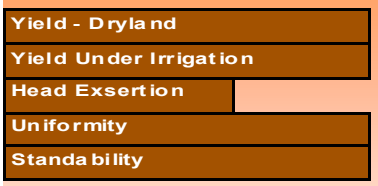
DKS37-07
Medium-Early Hybrid

* A medium early hybrid with excellent drought stress standability
* Bronze grain color with purple plant pigmentation
* Very good seedling vigor, panicle exsertion and plant uniformity

DKS44-41
Medium Season Hybrid

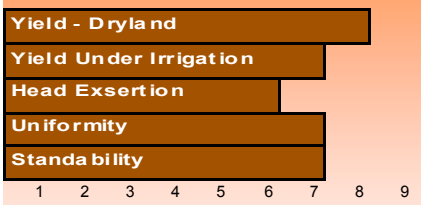
* A medium maturity hybrid with semi-compact panicles
* Biotype E greenbug resistance
* Tolerates high nighttime temps
* 63-73 days to flower, yellow grain

697
Greenbug Resistant Hybrid



* A bronze hybrid with resistance to Biotypes C,E,I & K greenbugs
* Combines top yields with the ability to adapt to a range of environments
* Very high resistance to downy mildew
* Not recommended for high pH soil

M 3838
Medium – Early Hybrid



* Attractive, cream colored grain
* Best adapted to dryland or limited irrigation
* A semi-open head type that dries fast and allows for earlier harvesting
* Monitor planting rates carefully

SORGHUM

United Farmers Cooperative

DK42-15

Very Winter Hardy
Tremendous Regrowth
Late Fall Dormant FD: 3.7

* Excellent winter hardiness
* Excellent disease resistance with DRI of 30 out of 30
* Fast regrowth after harvest
* High multi-leaf expression
* Well adapted to either 3 or 4 cut harvest schedule

Genoa

High Quality Hay
FD 4.0

* Multi Leaflet Variety
* Disease Index Rating of 30
* Highly Resistant to Wilts
* Winter Hardiness Rating of 2 (1=most hardy, 6=non-hardy)
* Fall Dormancy Rating of 4 (1=most hardy, 11=non-hardy)

* Persistence for maximum performance, year after year
* Very fast recovery maximizes yield in 3, 4 or 5 cut systems
* Manage for high-quality forage
* Combines yield, quality, disease resistance, very fast recovery and outstanding persistence all in a single high performance variety

4A421

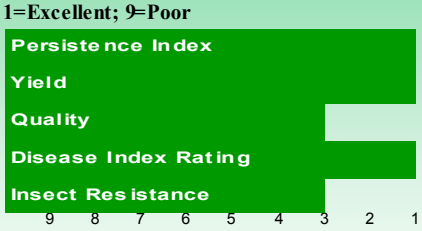
High Cutting Recovery
Fall Dormant FD: 3.8

* Excellent Forage Yield potential
* Stem Nematode Resistance
* Disease Index Rating of 30
* Excellent Dryland or Irrigated Choice
* 3 or More Cuttings per Year
* Resistant to Pea Aphid

* Perfect 30 0f 30 Multiple Pest Resistance rating
* Excellent winter hardiness & stand persistence in challenging soil environments
* High mulitfoliate expression & high RFV scores

Rebound 5.0

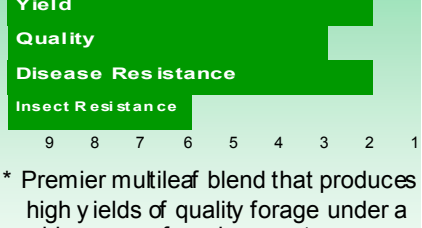
Rapid Regrowth
Late Fall Dormant FD: 4.0



* High-yielding, persistent variety, with excellent pest-resistance package
* Exceptionally fast recovery—the choice for aggressive harvest schedules
* Bred to maximize yield without sacrificing persistence

MP 1000

High Forage Quality
Late Fall Dormant FD: 3.4



* Premier multileaf blend that produces high yields of quality forage under a wide range of environments
* Multifoliate quality and optimum yields on less productive soils and tough growing conditions
* Highest quality under four-cut programs, but also excels in three-cut programs

ALFALFA

Common Soybean Diseases

ASGROW DELIVERS

Leaf & Stem

Bacterial Leaf Blight

Frogeye Leaf Spot

Septoria Brown Spot

Downy Mildew

Scouting Soybean Diseases

Leaf & Stem	Stem & Root	Pod & Seed
Bacterial Leaf Blight	Brown Stem Rot	Phomopsis Seed Rot
*Bud Blight	Charcoal Rot	*Pod & Stem Blight
Downy Mildew	Phytophthora Root Rot	*Purple Seed Stain
Frogeye Leaf Spot	Sclerotinia Stem Rot (White Mold)	Pythium
Septoria Brown Spot	Stem Canker	*Damping off (Seedling Blight & Seed Decay)
	Sudden Death Syndrome	

Pod & Seed

Phomopsis infected seeds

Pythium infected seedlings

Sclerotinia Stem Rot (white mold)

Stem & Root

Brown Stem Rot

Soybean Charcoal Rot

Phytophthora Root Rot

Sudden Death Syndrome

Stem Canker leaf

* Image unavailable

Corn Disease Calendar

Growing Knowledge®

DEKALB WHEN PERFORMANCE COUNTS

Red Root Rot

Common Rust

Crazy Top

Anthracnose Leaf Blight

Stewart's Bacterial Leaf Blight

Southern Corn Leaf Blight

Northern Corn Leaf Blight

Smut

Scouting for Corn Diseases

April—June	June—July	August—October
*Seedling Blights, Root Rots	Common Rust	All Ear Rots
	Crazy Top	All Stalk Rots
Anthracnose Leaf Blight		
Stewart's Disease: *Seedling phase (May); Leaf Blight phase (July)		
	Leaf Blights (*Gray Leaf Spot, Northern & Southern Corn Leaf Blights, etc.)	
		Smut, Virus Diseases

Virus Diseases

Maize Dwarf Mosaic Virus

Maize Chlorotic Dwarf Virus

Maize Rough Dwarf Virus

Maize Streak Virus

Ear Rots

Fusarium

Diplodia

Gibberella

Aspergillus Penicillium

Stalk Rots

Gibberella

Fusarium

Diplodia

Anthracnose

Charcoal Rot

*Image unavailable

United Farmers Cooperative
York Corporate Office
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York, NE 68467

Postal
Permit