



2024 Seed Guide

Corn, Alfalfa,
Grasses & Clover

Foundation
Direct
Seeds, LLC

A Great Year Begins With A Great Foundation

Small companies like Foundation Direct have an advantage when it comes to operating expenses and hybrid selection:

HYBRID SELECTION

We are part of a large co-op of hundreds of small, medium, and large independently owned seed companies. Yield results from hundreds of plots in 18 states and Canada are used to select new hybrids—both traited and conventional. Large corporate companies operate on their own and are not part of this testing group.

OPERATING COSTS

Our overhead per bag is less than the large companies. As owners, we do our own field work, including detasseling. All owners drive trucks and deliver seed. Give our products a try and compare to your current go-to hybrids. You will be surprised.



Seed Purity

All conventional seed is tested by 3rd party labs and meets or exceeds current market standards regarding GMO levels; however, we cannot guarantee grain from your field will meet all market standards or corn contract criteria.

Seed Order Options

(Additional charges apply)

- **Project Pure Tag:** If you require seed that tests less than 1% GMO levels (organic or untreated conventional), you can specify Project Pure. All Project Pure lots test less than 1% GMO, however we cannot guarantee your grain will test that level at the elevator.
- **CruiserMaxx 250®:** Available on orders of 20 bags or more. Order must be received by February 28.
- **SabrEx and 1R:** humic acid and an internal corn endophyte for extra yield. OMRI approved.
- **ProfitCoat NB+:** Organic planter box treatment containing beneficial bacteria - fungi plot trace elements required for fast seedling growth (available in packets that treat two bags of corn).

Seed Product Definitions

GT - Glyphosate tolerant

GTCBLL - Glyphosate, corn borer, and Liberty Link tolerant

GTCBLLBL - Glyphosate, corn borer, Liberty Link tolerant and Viptera protection

HDC - Highly digestible corn makes the best corn silage on the market. Extremely high whole plant digestibility combined with softer textured grain lets the cow make more milk with less feed.

HDA - Highly digestible alfalfa that contains 14% less lignin than conventional alfalfa which translates to animals digesting more while eating less.

Nutri Dense - silage corn line with above average protein and lysine.

ORG - Organic

T - Conventional treated with fungicide

UT - Conventional/Non-GMO Untreated

Purity Option – Our Project Pure tag states the seed was lab tested by a third party and tested below a certain level of GMO presence. These tests guarantee the seed lot sample of the hybrid was at the required purity level. Under no circumstance do we guarantee purity from grain produced on your field or test results from another lab.

A list of Project Pure eligible hybrids will be available after quality tests in the fall. Contact your Foundation Direct salesman if you wish to order a Project Pure seed hybrid.

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CORN HYBRIDS

Certified Organic Hybrids

Certified Organic

ORG HDC 80 80 Day Silage Hybrid

- Our earliest highly digestible corn (HDC) – best for silage
- Very good whole plant digestibility
- High percentage of grain to fodder gives a lot of energy for milk production
- Handles higher populations

Emergence	Very Good
Vigor	Very Good
Stalks	Good

Roots	Very Good
Height	Med-Tall +
Ear Flex	Semi Flex

NEW

Certified Organic

ORG HDC 81 81 Day Silage Hybrid

- Big tonnage – place on best soil
- Taller type; semi-erect leaf; works well at 30K
- Harvest silage when ready; 64 to 68% moisture
- Digestible stalks with large ears = high starch content

Emergence	Excellent
Vigor	Very Good
Stalks	Very Good

Roots	Very Good
Height	Med-Tall +
Ear Flex	Semi Flex

CORN HYBRIDS

Certified Organic Hybrids

ORGANIC 81-91 DAY

Certified Organic

ORG 8062 81 Day Grain Hybrid

- Well suited for tougher soils but has excellent yield response with extra fertilizer
- Excellent plant health
- Nice flex ears take advantage of extra space caused by cultivator blight
- Fast drydown lets it move north of the 80-day zone

Emergence	Excellent
Vigor	Very Good
Stalks	Very Good

Roots	Very Good
Height	Med-Tall
Ear Flex	Semi Flex

Certified Organic

ORG 8972 85 Day

- Great hybrid for your best fields
- Capable of out-yielding the high-priced GMO corns
- Average stalks – harvest when ready
- Clean picking corn

Emergence	Very Good
Vigor	Very Good
Stalks	Average

Roots	Very Good
Height	Med-Tall +
Ear Flex	Semi Flex

YIELD DATA FOR 8972					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
89	FD 8972	200.6	20.7	3.4	56.4
	DeKalb 32-12	179.2	19.1	1.1	56.2
89	FD 8972	205.3	21.4	3.4	56.4
	Pioneer 8542AM	204.2	20.3	2.5	55.7
106	FD 8972	200.9	19.7	3.1	56.6
	DeKalb 38-03	203.1	19.7	2.0	55.3

Certified Organic

ORG 8924 88 Day

- Our go-to hybrid in this maturity
- Rockets out of the ground – gets in front of weeds
- Excellent yield potential
- Solid agronomics

Emergence	Excellent
Vigor	Excellent
Stalks	Good

Roots	Very Good
Height	Med-Tall +
Ear Flex	Semi Flex

YIELD DATA FOR 8924					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
57	FD 8924	195.2	20.3	2.3	56.0
	DeKalb 34-82	185.5	18.4	0.2	56.5

Certified Organic

Excellent Overstock Price

ORG HDC 88 88 Day Nutri Dense

- Nutri dense genetics = higher protein and higher lysine
- A highly digestible plant
- Tender white cobs cows will eat
- High grain content = high energy = more milk

Emergence	Excellent
Vigor	Very Good
Stalks	Very Good

Roots	Very Good
Height	Med-Tall +
Ear Flex	Semi Flex

YIELD DATA FOR HDC 88				
LOCATIONS	HYBRIDS	TONS OF DRY MATTER	CRUDE PROTEIN	MILK PER ACRE
6	FD HDC 88	8.1	7.5	26,350
	DeKalb 43-10	8.1	6.1	25,784
	Pioneer 8673AM	7.7	6.7	24,174
	Pioneer 8906HR	7.4	6.8	22,337
	Mycogen F2F379	7.2	7.5	25,194

Certified Organic

ORG 8810 91 Day

- Still the best choice for light soils
- Very dark green healthy plants
- Very tall hybrid
- Handles heat stress better than other hybrids

Emergence	Very Good
Vigor	Good
Stalks	Good

Roots	Excellent
Height	Tall +
Ear Flex	Semi Flex

Certified Organic

ORG 8833 91 Day

- Has both excellent emergence and excellent vigor
- Rock solid agronomics
- High top-end yield potential
- Feel confident planting 8833 on half of your corn acres

Emergence	Excellent
Vigor	Excellent
Stalks	Very Good

Roots	Very Good
Height	Tall
Ear Flex	Semi Flex

CORN HYBRIDS

Certified Organic Hybrids

Certified Organic ORG 8847 93 Day

- Fast starting corn competes well with young weeds
- Fast out of the ground
- Has the ability to work as an early hybrid south of the 90-day zone
- Very good plant health

Emergence	Excellent
Vigor	Very Good
Stalks	Very Good

Excellent Overstock Price

Certified Organic ORG 8844 94 Day

- Over 260 bu/acres at research plot at Jackson, MN in 2022
- Out-yields the high price big-name GMO corns
- Tremendous yields at high populations
- Full flex ear takes advantage of open spots in the row

Emergence	Excellent
Vigor	Very Good
Stalks	Very Good +

Roots	Very Good
Height	Med-Tall
Ear Flex	Full Flex



YIELD DATA FOR 8844						
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	ROOT LODGE	TEST WT
49	FD 8844	213.5	18.5	2.8	2.3	56.2
	DKC 43-75	205.3	17.6	1.5	0.7	56.4
92	FD 8844	216.4	17.9	2.2	1.8	56.2
	Pioneer 9492	220.3	17.5	0.6	0.5	56
92	FD 8844	216.4	17.9	2.2	1.8	56.2
	FD8855	207.8	17.7	0.9	0.3	56.4
81	FD 8844	218.1	17.9	2.4	1.8	56.2
	FD8749	214	18.3	2.4	0.5	55.6

Characteristics Chart

Hybrid	Maturity	Emergence	Vigor	Yield for Maturity	Silage Tonnage	Silage Quality	Stalk Strength	Root Strength	Plant Height	Grain Drydown	Test Weight	Ear Flex	Drought Tolerance	High Yield Conditions	Average Yield Conditions	Low Yield Conditions	Plant Health	Populations
ORG HDC 80	80	VG	VG	8	8.5	9	G	VG	MT+	MF	AV	Semi Flex	8	8	8	8	VG	28-35
NEW ORG HDC 81	81	EX	VG	8	9	8	VG	VG	MT+	H	MF	Semi Flex	8	8	8	9	EX	25-35
ORG 8062	81	EX	VG	8.5	8.5	8	VG	VG	MT	MF	H	Semi Flex	9	8	8	8	VG	26-34
ORG 8972	85	VG	VG	9.5	8	7	AV	VG	MT+	AV	VH	Semi Flex	7	10	8	8	G	24-31
ORG 8924	88	EX	EX	9	8+	7	G	VG	MT+	M	H	Semi Flex	9	9	9	9	EX	24-32
ORG HDC 88	88	EX	VG	8	9	9.5	VG	VG	MT+	S	AV	Semi Flex	8.5	8.5	9	9	VG	28-37
ORG 8810	91	VG	G	8	9.5	7	G	EX	T+	F	H	Semi Flex	9	8	8	8	EX	25-30
ORG 8833	91	EX	EX	9	9	8.5	VG	VG	T	MF	AV	Semi Flex	8.5	9	9	9	VG	26-34
ORG 8847	93	EX	VG	8.5	8.5	7	VG	VG	T	AV	MH	Semi Flex	8	9	9	8	EX	24-30
ORG 8844	94	EX	VG	9.5	7.5	7.5	VG+	VG	MT	AV	AV	Full Flex	7.5	9.5	9.5	8.5	VG	26-36

Corn Legend

Abbreviations

EX = Excellent
VG = Very Good
G = Good
AV = Average
P = Poor

Height

T+ = Extremely Tall
T = Very Tall
MT+ = Tall
MT = Taller than Average
AV = Average

Drydown

VF = Very Fast
F = Fast
MF = Moderately Fast
AV = Average
S = Slow

Test Weight

VH = Very High
H = High
MH = Moderately High
M = Moderate
AV = Average

Numerical Ratings

10 = Excellent
9 = Very Good
8 = Good
7 = Average
6 = Less than Average

Ear Flex

Full Flex = Gets longer and girthier at medium populations
Semi-Flex = Gets longer and girthier at low populations
Limited Flex = Gets a little more girth at lower populations
Fixed = Stays the same size at medium and high populations. Must be planted at 10% higher populations to maximize yield.

CORN HYBRIDS

Certified Organic Hybrids

ORGANIC 95-100 DAY

Certified Organic

ORG HDC 95 95 Day

- Highly digestible corn (HDC) with excellent whole plant digestibility
- Soft textured kernels
- Updated genetics mean more plant height and tonnage than previous HDC 95's
- Very flexible ear lets the plant take advantage of skips from cultivator blight

Emergence	Very Good
Vigor	Excellent
Stalks	Very Good

Roots	Very Good
Height	Tall
Ear Flex	Full Flex

NEW Certified Organic

ORG HDC 96 96 Day

- Tops in 26 of our research plots in yield AND quality
- Agronomics will let corn stand until you're ready
- Take the rest for grain once you fill the silo

Emergence	Very Good
Vigor	Excellent
Stalks	Very Good

Roots	Excellent
Height	Tall
Ear Flex	Semi Flex

SILAGE DATA FOR HDC 96							
	Milk/ Acre	Milk/ Ton	DM/ Acre	Crude Protein %	Starch %	Lignin %	Digestibility % of NDFD
HDC 96	39,617	3729	11 ton	8.5	34.7	4.0	63.8
P0075Q	34,246	3326	9.5 ton	7.6	33.9	4.1	60.2
P9188AM	25,433	3028	8.7 ton	8.0	36.5	4.3	59.3

Certified Organic

ORG 8780 95 Day

- Ten-year track record of stable performance
- Widely adaptable east to west
- Works on even your toughest soil
- Excellent agronomics protects your yield

Emergence	Excellent
Vigor	Excellent
Stalks	Very Good

Roots	Excellent
Height	Medium
Ear Flex	Full Flex

Certified Organic

ORG 8799 99 Day

- Several years as the top early hybrid in University organic yield trials
- Slightly later but higher yielding version of our ORG 8700
- Still your best bet for wetter soil

Emergence	Good
Vigor	Good
Stalks	Very Good

Roots	Average
Height	Med-Tall
Ear Flex	Full Flex

YIELD DATA FOR 8799					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
30	FD 8799	217.6	19.4	0.4	55.0
	Pioneer 9703AMX	218.1	19.0	0.9	55.3
	DeKalb DKC49-72	217.0	19.0	0.1	55.1
	DeKalb DKC50-63	222.1	19.5	0.2	55.4
	FD 8700	215.9	19.1	1.4	54.7

Certified Organic

ORG HDC 100 100 Day

- Highly Digestible Corn (HDC) with white cobs that work well for silage or grain
- Wrinkly capped lighter colored grain – like waxy, but not waxy – much more digestible than orange or yellow grain
- Will yield well at any population thanks to huge flex ears
- Set yield records in the University of Idaho silage trials

Emergence	Very Good
Vigor	Very Good
Stalks	Very Good

Roots	Good
Height	Med-Tall +
Ear Flex	Full Flex

UNIVERSITY OF IDAHO SILAGE TRIALS			
HYBRID	MOISTURE	NEL M CAL/LB	MILK LBS/TON
HDC 100	68.0	0.76	3794
LG 5470 STX RIB	66.0	0.74	3546
LG 5465 VT2 PRO	66.1	0.75	3587
Blue River 48G35	67.2	0.72	3591
Blue River 45G28	68.1	0.74	3626
Blue River 40R73	68.2	0.76	3812

CORN HYBRIDS

Certified Organic Hybrids

NEW Certified Organic

ORG 8636 101 Day

- Conventional breeding without the GMO yield drag
- Quick early starts that is a must for organic fields
- Above average tar spot resistance
- Will tolerate and perform well with high populations

Emergence	Very Good	Roots	Excellent
Vigor	Excellent	Height	Tall
Stalks	Excellent	Ear Flex	Semi Flex

YIELD DATA FOR 8636

LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	ROOT LODGE	TEST WT
35	FD 8636	220.5	20.5	1.6	0.6	55.6
	DKC 49-49RIB	214.3	20.3	3.7	0.1	57.0
74	FD 8636	224.5	18.7	1.3	0.4	56.1
	Pioneer75Q	222.7	18.7	2.2	0.5	57.3

Certified Organic

ORG 8507 105 Day

- The healthiest hybrid on the market!
- Works in the eastern Corn Belt in the high humidity, high disease areas
- Massive, flexible ears adapt to all populations and can take advantage of open areas caused by cultivator blight
- Nice test weight grain

Emergence	Excellent	Roots	Excellent
Vigor	Excellent	Height	Tall
Stalks	Very Good	Ear Flex	Full Flex

ORGANIC 101-105 DAY



Characteristics Chart

Hybrid	Maturity	Emergence	Vigor	Yield for Maturity	Silage Tonnage	Silage Quality	Stalk Strength	Root Strength	Plant Height	Grain Drydown	Test Weight	Ear Flex	Drought Tolerance	High Yield Conditions	Ave Yield Conditions	Low Yield Conditions	Plant Health	Populations
ORG HDC 95	95	VG	EX	8	9	9.5	VG	VG	T	AV	AV	Full Flex	7.5	8	8	8.5	AV	28-35
NEW ORG HDC 96	96	EX	EX	8	9	10	EX	VG	T	AV	AV	Semi Flex	8	9	8	7	EX	24-38
ORG 8780	95	EX	EX	8.5	7.5	7.5	VG	EX	M	M	AV	Full Flex	8	8	8	9	EX	26-34
ORG 8799	99	G	G	9.5	8	7	VG	AV	MT	M	AV	Full Flex	7	9	9	7	AV	26-36
ORG HDC 100	100	VG	VG	8	9.5	9.5	VG	G	MT+	S	AV	Full Flex	8	8	8	8+	VG	27-35
NEW ORG 8636	101	VG	EX	9	9.5	9.5	EX	EX	T	AV	AV	Semi Flex	8	9	9	6	VG	28-36
ORG 8507	105	EX	EX	8.5	8	7.5	VG	EX	T	M	H	Full Flex	8.5	8	8	8+	EX	22-32

CORN HYBRIDS

Nutrient Rich Hybrids – Not your everyday #2 yellow corn!

NUTRIENT RICH HYBRIDS 100-108 DAY

All Nutrient Rich Corns (NRC) share these common traits:

Higher protein than #2 yellow corn	5-10% more
Higher oil than #2 yellow corn	30-40% more
Higher Carotene than #2 yellow corn	40-55% more
Higher Methionine than #2 yellow corn	30-43% more
Higher Lysine, Manganese, Boron, Iron, Copper and Zinc	8-23% more

In addition to these higher level of nutrients contained in each kernel of NRC corn, these hybrids contain up to 250% higher levels of the carotenoid cryptoxanthin – an antioxidant that is beneficial to humans and

Certified Organic

ORG NRC 7100 100 Day

- Early version of our Nutrient Rich Corn line
- Higher oil, protein, amino acids, carotene, methionine, and micronutrients than all other corn grains on the market
- A must have if you are feeding livestock
- Very nitrogen efficient corn

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Medium
Stalks	Very Good	Ear Flex	Semi Flex

Certified Organic

ORG NRC 7105 105 Day

- 105-day addition to our Nutrient Rich Corn (NRC) line
- Grain is higher in protein, oil, amino acids, carotene, methionine, and micronutrients
- If you feed livestock you need to feed this corn
- Nitrogen efficient corn plants

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Medium
Stalks	Very Good	Ear Flex	Full Flex

animals. In higher amounts, cryptoxanthin will turn chicken yolks orange - even in the winter!

Several NRC corn hybrids also have the ability to fix small amounts of nitrogen – thanks to a massive root system that is friendly to nitrogen fixing bacteria.

Use and placement

- NRC corn should be grown if you are feeding your animals.
- NRC corns have an advantage on soil with no added nitrogen – including freshly applied manure.
- NRC corns will produce more nutrients per acre – even with an expected 10% yield decrease.

Certified Organic

ORG NRC 7107 107 Day

- One of our first Nutrient Rich Corns (NRC)
- No other corn can match the nutrient content and feed value of NRC hybrids
- Three years of data prove much higher levels of protein, oil, carotene, methionine, and micronutrients.
- Works well in conditions of limited nitrogen thanks to nitrogen efficient roots

Emergence	Excellent	Roots	Excellent
Vigor	Very Good	Height	Med-Tall
Stalks	Very Good	Ear Flex	Full Flex

Certified Organic

ORG NRC 7108 108 Day

- Nutrient Rich Corn (NRC)
- Higher in protein, oil, carotene, methionine, amino acids, and micronutrients
- If you feed livestock you should feed this corn
- Nitrogen efficient plants

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall
Stalks	Good	Ear Flex	Full Flex

Characteristics Chart

Hybrid	Maturity	Emergence	Vigor	Yield for Maturity	Silage Tonnage	Silage Quality	Stalk Strength	Root Strength	Plant Height	Grain Drydown	Test Weight	Ear Flex	Drought Tolerance	High Yield Conditions	Avg Yield Conditions	Low Yield Conditions	Plant Health	Populations
ORG NRC 7100	100	VG	VG	8	8	9	VG	VG	M	M	AV	Semi Flex	7.5	7.5	8	8.5	VG	24-31
ORG NRC 7105	105	VG	VG	8	7.5	9	VG	VG	M	M	M	Full Flex	8.5	7.5	8	8.5	VG	24-31
ORG NRC 7107	107	EX	VG	8	8	8.5	VG	EX	MT	M	M	Full Flex	9	8	8	8	VG	24-30
ORG NRC 7108	108	VG	VG	7.5	8	9	G	VG	MT	M	M	Full Flex	9	8	8	9	VG	24-30

CORN HYBRIDS

Untreated Conventional Hybrids – not available in organic form

- All hybrids were developed and grown without the use of genetically modified organisms (GMO).
- All seed lots were tested for GMO and qualify for most market standards.
- All seed lots can be ordered with OMRI approved coatings (1R and SabrEx) for an additional charge.

Untreated

8972 UT 85 Day

For Transition Acres

- Great hybrid for your best fields
- Capable of out-yielding the high-priced GMO corns
- Average stalks – harvest when ready
- Clean picking corn

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall +
Stalks	Average	Ear Flex	Semi Flex

YIELD DATA FOR 8972					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
89	FD 8972	200.6	20.7	3.4	56.4
	DeKalb 32-12	179.2	19.1	1.1	56.2
89	FD 8972	205.3	21.4	3.4	56.4
	Pioneer 8542AM	204.2	20.3	2.5	55.7
106	FD 8972	200.9	19.7	3.1	56.6
	DeKalb 38-03	203.1	19.7	2.0	55.3

NEW Untreated

Cow Chow 85 UT 85 Day

- Higher in nutrients than regular corn
- Big tender white cobs
- Tall plant for high tonnage
- Slower grain dry down gives you time to harvest

Emergence	Excellent	Roots	Very Good
Vigor	Very Good	Height	Tall
Stalks	Very Good	Ear Flex	Semi Flex

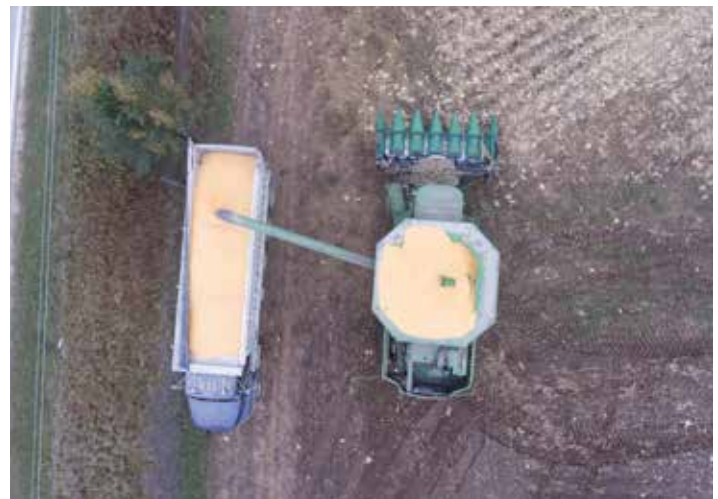
Untreated

8975 UT 88 Day

- Newer genetics capable of very high yields
- Nice test weight and fast drying grain
- Great choice for cold soils
- Moves north of the 88-day zone as a full season hybrid

Emergence	Excellent	Roots	Excellent
Vigor	Very Good	Height	Med-Tall
Stalks	Average	Ear Flex	Semi Flex

YIELD DATA FOR 8975					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
43	FD 8975	200.4	18.8	4.1	58.0
	DeKalb 39-28	193.8	18.4	3.1	57.5
45	FD 8975	200.7	18.8	4.1	58.2
	Pioneer 9188AM	202.5	19.6	1.6	58.6



Characteristics Chart

Hybrid	Maturity	Emergence	Vigor	Yield for Maturity	Silage Tonnage	Silage Quality	Stalk Strength	Root Strength	Plant Height	Grain Drydown	Test Weight	Ear Flex	Drought Tolerance	High Yield Conditions	Ave Yield Conditions	Low Yield Conditions	Plant Health	Populations
8972 UT	85	VG	VG	9.5	8	7	AV	VG	MT+	AV	VH	Semi Flex	7	10	8	8	G	24-31
NEW Cow Chow 85 UT	85	EX	VG	9	9	9	VG	VG	T	AV	AV	Semi Flex	7	8	8.5	8	VG	24-38
8975 UT	88	EX	VG	8.5	8	7.5	AV	EX	MT	F	M	Semi Flex	9	9	9	9	VG	28-34

CORN HYBRIDS

Untreated Conventional Hybrids

UNTREATED 90-93 DAY

Untreated

8990 UT 90 Day

- Highest yielding 90 day you can buy
- Moves west – has outstanding Goss's tolerance for the west
- Moves east – has outstanding plant health for higher humidity areas in the east

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Average
Stalks	Very Good	Ear Flex	Semi Flex

YIELD DATA FOR 8990					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
50	FD 8990	210.2	22.0	0.9	54.5
	Pioneer P8542AM	206.9	20.2	0.7	56.1
	DeKalb DKC35-88	201.1	20.3	0.6	56.0
	Pioneer P9188AM	205.9	20.1	0.9	55.6
42	FD 8990	211.0	22.0	0.6	54.5
	FD 8855	211.9	22.8	0.2	54.1



Untreated

8855 UT 92 Day

- One of the rare hybrids that can out-yield later hybrids including GMO corns
- Late flowering corn but finishes fast
- Place on your best soils – it will maximize your return on seed costs

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall +
Stalks	Very Good	Ear Flex	Semi Flex

YIELD DATA FOR 8855					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
100	FD 8855	213.4	19.3	1.3	55.7
	FD 8855 Traited	214.4	19.9	0.2	55.5
110	FD 8855 Traited	210.6	20.0	0.2	55.5
	DeKalb 41-99	206.1	18.2	0.3	56.3
	Pioneer P9188AM	205.9	18.4	0.7	56.4
72	FD 8855 Traited	217.0	17.9	0.3	56.6
	DeKalb 45-66	214.7	17.4	0.02	56.6

Untreated

7700 UT 93 Day

- MR stability – always there
- Never wins – never loses
- Management tip – just plant it on any soil, any population and harvest when ready

Emergence	Excellent	Roots	Average
Vigor	Very Good	Height	Med-Tall
Stalks	Average	Ear Flex	Semi-Flex

Characteristics Chart

Hybrid	Maturity	Emergence	Vigor	Yield for Maturity	Silage Tonnage	Silage Quality	Stalk Strength	Root Strength	Plant Height	Grain Drydown	Test Weight	Ear Flex	Drought Tolerance	High Yield Conditions	Ave Yield Conditions	Low Yield Conditions	Plant Health	Populations
8990 UT	90	VG	VG	10	8.5	8	VG	VG	AV	AV	M	Semi Flex	8	9.5	9	8	EX	24-35
8855 UT	92	VG	VG	9.5	9+	9	VG	VG	MT+	M	M	Semi Flex	9	10	9	8	AV	24-37
7700 UT	93	EX	VG	8	8.5	9	AV	AV	MT	M	M	Semi Flex	9	9	9	8	AV	24-30
HDC 93 UT	93	EX	VG	8.5	9+	9	VG	AV	T	M	M	Full Flex	9	10	9	8	EX	24-32
8749 UT	95	VG	VG	10	8+	7.5	VG	VG	MT+	MF	H	Full Flex	8	9	8	7	VG	26-33
8681 UT	98	G	G	10	9	9	VG	VG	MT+	M	M	Full Flex	7	10	9	8	AV	24-34
HDC 100 UT	100	VG	VG	8	9.5	9.5	VG	G	MT+	S	AV	Full Flex	8	8	8	8	AV	25-35

CORN HYBRIDS

Untreated Conventional Hybrids

Untreated

HDC 93 UT 93 Day

- Highly digestible corn (HDC) – both grain and plant
- Tender white cobs
- Very high tonnage due to high percentage of grain in the silage

Emergence	Excellent	Roots	Average
Vigor	Very Good	Height	Tall
Stalks	Very Good	Ear Flex	Full Flex

YIELD DATA FOR HDC 93

LOCATIONS	HYBRIDS	TONS OF DRY MATTER	30 HR DIGESTIBILITY	MILK PER ACRE
8	FD HDC 93	9.0	57.6	28,842
	DeKalb 52-61	9.3	54.2	28,210
13	FD HDC 93	9.7	55.3	29,525
	Mycogen MF2F383	8.1	60.6	26,172
8	FD HDC 93	8.9	57.6	27,158
	Pioneer P8906HR	8.5	55.1	23,607

Untreated

8749 UT 95 Day

- Yielded over 260 bu/acre at research plot in Jackson, MN in 2022
- Bigger yield punch with same good agronomics
- Long full flex ears
- Excellent staygreen

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall +
Stalks	Very Good	Ear Flex	Full Flex

YIELD DATA FOR 8749

LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
77	FD 8749 Traited	225.9	18.6	0.2	55.4
	Pioneer P9492AM	223.7	17.4	0.2	56.4
256	FD 8749 Traited	228.9	20.3	1.2	55.0
	DeKalb 45-66	217.8	19.1	1.5	56.2
62	FD 8749 Traited	227.0	18.8	0.2	55.3
	DeKalb 51-25	232.4	19.5	0.4	56.1
72	FD 8749 Traited	225.8	18.6	0.2	55.0
	Pioneer 9998AM	218.5	19.9	0.6	55.9
106	FD 8749	222.8	19.7	2.7	55.0
	FD 8749 Traited	231.4	20.2	1.8	54.7

Untreated

8681 UT 98 Day

- Tremendous hog-sized ears on this yield-pig
- Will take full advantage of good growing conditions and reward you with bushels
- Stalks are strong enough to hold the huge ears

Emergence	Good	Roots	Very Good
Vigor	Good	Height	Med-Tall +
Stalks	Very Good	Ear Flex	Full Flex

YIELD DATA FOR 8681

LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
99	FD 8681 Traited	231.4	18.6	0.7	56.4
	DeKalb 51-25	227.1	18.9	0.4	57.2
44	FD 8681 Traited	226.9	17.3	1.2	58.1
	Pioneer P0306AM	222.4	18.4	0.4	58.5
98	FD 8681 Traited	230.1	18.3	0.9	56.7
	Pioneer P0075Q	232.9	19.7	0.6	56.4
43	FD 8681	226.5	17.9	0.5	55.9
	FD 8681 Traited	235.5	18.9	0.4	55.6

Untreated

HDC 100 UT 100 Day

For Transition Acres

- Highly digestible corn (HDC) works for both silage and grain
- Large flexible white cobbled ears
- Paler, wrinkly capped grain is very digestible
- Plant it either thick or thin – it still yields
- Set tonnage records in Idaho silage trials

Emergence	Very Good	Roots	Good
Vigor	Very Good	Height	Med-Tall +
Stalks	Very Good	Ear Flex	Full Flex

UNIVERSITY OF IDAHO SILAGE TRIALS

HYBRID	MOISTURE	NEL M CAL/LB	MILK LBS/TON
HDC 100	68.0	0.76	3794
LG 5470 STX RIB	66.0	0.74	3546
LG 5465 VT2 PRO	66.1	0.75	3587
Blue River 48G35	67.2	0.72	3591
Blue River 45G28	68.1	0.74	3626
Blue River 40R73	68.2	0.76	3812

UNTREATED 93-100 DAY

CORN HYBRIDS

Untreated Conventional Hybrids

UNTREATED 102-106 DAY

Untreated

8650 UT 102 Day

- Rapid riser speeds out of the ground
- Great stalks
- Great plant health
- Consistently near the top in Organic Valley test plots

Emergence	Excellent	Roots	Very Good
Vigor	Excellent	Height	Med-Tall
Stalks	Very Good	Ear Flex	Semi Flex

Untreated

8552 UT 105 Day

- Out yields later hybrids
- Massive blocky ears with 18-22 rows of kernels
- Good tolerance to TAR SPOT, NCB, and Goss's
- Placement: in the 100-105 day growing zone
- Out yields many of the best traited GMO products

Emergence	Excellent	Roots	Very Good
Vigor	Very Good	Height	Med-Tall
Stalks	Very Good	Ear Flex	Low Flex

YIELD DATA FOR 8552						
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	ROOT LODGE	TEST WT
75	FD 8552	234	18.2	1.4	0.9	56.9
	DKC 55-53	217	18.2	0.9	1.3	58.6
83	FD 8552	228	18.2	2.4	0.6	57.2
	Pioneer P0306AM	218	18.0	0.3	0.1	59.1
54	FD 8552	232.7	17.6	2.2	1.4	57.3
	FD 8305	228.9	18.5	0.9	1.9	57.4

Untreated

8305 UT 106 Day

- Awesome yielding corn – three years of data at the University plot in Galesville, WI: 2020 - 280 bu/acre; 2021 - 270 bu/acre; 2022 – 270 bu/acre
- Out yielded 95% of all GMO corns in trial plots
- Moves well north of the 105-day zone

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall
Stalks	Good	Ear Flex	Semi Flex

YIELD DATA FOR 8305					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
60	FD 8305	229.9	17.9	1.9	57.3
	Pioneer P0987	227.5	17.9	2.3	59.7
129	FD 8305	243	19.9	1.5	56.2
	Pioneer P0825AM	249.9	19.7	2.2	56.3
31	FD 8305	235.7	18.6	3.3	57.7
	DeKalb 61-52	238.9	18.4	3.3	59.3
167	FD 8305	242.9	19.5	1.3	56.1
	DeKalb 58-06	236.3	19.5	3.2	57.5



Characteristics Chart

Hybrid	Maturity	Emergence	Vigor	Yield for Maturity	Silage Tonnage	Silage Quality	Stalk Strength	Root Strength	Plant Height	Grain Drydown	Test Weight	Ear Flex	Drought Tolerance	High Yield Conditions	Ave Yield Conditions	Low Yield Conditions	Plant Health	Populations
8650 UT	102	EX	EX	9.5	9	8	VG	VG	MT	M	M	Semi Flex	8	9.5	9	8	VG	28-35
8552 UT	105	EX	VG	10	7.5	7.5	VG	VG	MT	S	M	Low Flex	8.5	9.5	9.5	8.5	EX	28-34
8305 UT	106	VG	VG	9.5	9	8	G	VG	MT	MF	VG	Semi Flex	7.5	9.5	9	8	VG	28-38

CORN HYBRIDS

Conventional Hybrids – With fungicide seed treatment

Available with **CruiserMaxx 250®** for additional charge. All **CruiserMaxx 250®** treated hybrids require a 20 bag minimum order received by February 1st.

Conventional

8972 T 85 Day

- Modern genetics that will compete in yield with many GMO hybrids from the large companies
- True racehorse that pays you back with higher yields with extra inputs
- Moves north and works in the 82-83 day zone

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall +
Stalks	Average	Ear Flex	Semi Flex

Conventional

8975 T 88 Day

- Newer genetics capable of very high yields
- Nice test weight and fast drying grain
- Great choice for cold soils
- Moves north of the 88-day zone as a full season hybrid

Emergence	Excellent	Roots	Excellent
Vigor	Very Good	Height	Med-Tall
Stalks	Average	Ear Flex	Semi Flex



Conventional

8990 T 90 Day

- Highest yielding 90 day available
- Out yields later hybrids
- Great plant health even in high humidity area
- Full disease package means you can plant it in the west

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Average
Stalks	Very Good	Ear Flex	Semi-Flex

Conventional

8855 T 92 Day

- One of the rare hybrids that can out yield later hybrids including GMO corns
- Late flowering corn but finishes fast
- Place on your best soils – it will maximize your return on seed costs

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall +
Stalks	Very Good	Ear Flex	Semi Flex

YIELD DATA FOR 8855					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
100	FD 8855 Traited	213.4	19.3	1.3	55.7
	FD 8855 Traited	214.4	19.9	0.2	55.5
110	FD 8855 Traited	210.6	20.0	0.2	55.5
	DeKalb 41-99	206.1	18.2	0.3	56.3
	Pioneer P9188AM	205.9	18.4	0.7	56.4
72	FD 8855 Traited	217.0	17.9	0.3	56.6
	DeKalb 45-66	214.7	17.4	0.02	56.6

Characteristics Chart

Hybrid	Maturity	Emergence	Vigor	Yield for Maturity	Silage Tonnage	Silage Quality	Stalk Strength	Root Strength	Plant Height	Grain Drydown	Test Weight	Ear Flex	Drought Tolerance	High Yield Conditions	Ave Yield Conditions	Low Yield Conditions	Plant Health	Populations
8972 T	85	VG	VG	9.5	8	7	AV	VG	MT+	AV	VH	Semi Flex	7	10	8	8	G	24-31
8975 T	88	EX	VG	8.5	8	7.5	AV	EX	MT	F	M	Semi Flex	9	9	9	9	VG	28-34
8990 T	90	VG	VG	10	8.5	8	VG	VG	AV	AV	M	Semi Flex	8	9.5	9	8	EX	24-35
8855 T	92	VG	VG	9.5	9+	9	VG	VG	MT+	M	M	Semi Flex	9	10	9	8	AV	24-37

CORN HYBRIDS

Conventional Hybrids

CONVENTIONAL 93-101 DAY

Conventional

HDC 93 T 93 Day

- Highly digestible corn (HDC) – both grain and plant
- Tender white cobs
- Very high tonnage due to high percentage of grain in the silage

Emergence	Excellent	Roots	Average
Vigor	Very Good	Height	Tall
Stalks	Very Good	Ear Flex	Full Flex

Conventional

9800 T 94 Day

- Our ultra-stable and reliable replacement for the legendary 8800
- This corn never wins but never loses – works under all soil types and conditions
- Solid performer under hot or cool temperatures, high or low yield conditions, and everything in between
- Management tip: just plant it and harvest when ready

Emergence	Excellent	Roots	Excellent
Vigor	Very Good	Height	Med-Tall
Stalks	Average	Ear Flex	Semi Flex

Conventional

8749 T 95 Day

- Sales keep increasing on this well-established hybrid because it yields like gangbusters and has great stalks
- Yielded over 260 bu/acre at our research plot in Jackson, MN in 2022 – it beat every competitive GMO corn in the plot
- Has very large flexible ears so you plant it at your preferred population

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall +
Stalks	Very Good	Ear Flex	Full Flex

YIELD DATA FOR 8749					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
77	FD 8749 Traited	225.9	18.6	0.2	55.4
	Pioneer P9492AM	223.7	17.4	0.2	56.4
256	FD 8749 Traited	228.9	20.3	1.2	55.0
	DeKalb 45-66	217.8	19.1	1.5	56.2
62	FD 8749 Traited	227.0	18.8	0.2	55.3
	DeKalb 51-25	232.4	19.5	0.4	56.1
72	FD 8749 Traited	225.8	18.6	0.2	55.0
	Pioneer 9998AM	218.5	19.9	0.6	55.9
106	FD 8749	222.8	19.7	2.7	55.0
	FD 8749 Traited	231.4	20.2	1.8	54.7

Conventional

HDC 100 T 100 Day

- Highly digestible corn (HDC) with white cobs that works well for silage or grain
- Wrinkly capped lighter colored grain-like waxy, but not waxy – much more digestible than orange or yellow grain
- Will yield well at any population thanks to huge flex ears
- Set yield records in the University of Idaho silage trials

Emergence	Very Good	Roots	Good
Vigor	Very Good	Height	Med-Tall +
Stalks	Very Good	Ear Flex	Full Flex

NEW Conventional

8636 T 101 Day

- Conventional breeding without the GMO yield drag
- Quick early starts that is a must for organic fields
- Above average tar spot resistance
- Will tolerate and perform well with high populations

Emergence	Very Good	Roots	Excellent
Vigor	Excellent	Height	Tall
Stalks	Excellent	Ear Flex	Semi Flex

YIELD DATA FOR 8636						
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	ROOT LODGE	TEST WT
35	FD 8636	220.5	20.5	1.6	0.6	55.6
	DKC 49-49RIB	214.3	20.3	3.7	0.1	57.0
74	FD 8636	224.5	18.7	1.3	0.4	56.1
	Pioneer75Q	222.7	18.7	2.2	0.5	57.3



CORN HYBRIDS

Conventional Hybrids

Conventional

8552 T 105 Day

- Out yields later hybrids
- Massive blocky ears with 18-22 rows of kernels
- Good tolerance to TAR SPOT, NCB, and Goss's
- Placement: in the 100-105 day growing zone
- Out yields many of the best traited GMO products

Emergence	Excellent	Roots	Very Good
Vigor	Very Good	Height	Med-Tall
Stalks	Very Good	Ear Flex	Low Flex

YIELD DATA FOR 8552						
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	ROOT LODGE	TEST WT
75	FD 8552	234	18.2	1.4	0.9	56.9
	DKC 55-53	217	18.2	0.9	1.3	58.6
83	FD 8552	228	18.2	2.4	0.6	57.2
	Pioneer P0306AM	218	18.0	0.3	0.1	59.1
54	FD 8552	232.7	17.6	2.2	1.4	57.3
	FD 8305	228.9	18.5	0.9	1.9	57.4

Conventional

8507 T 105 Day

- The healthiest hybrid on the market!
- Works in the eastern Corn Belt in the high humidity, high disease areas
- Massive, flexible ears adapt to all populations and can take advantage of open areas caused by cultivator blight
- Nice test weight grain

Emergence	Excellent	Roots	Excellent
Vigor	Excellent	Height	Tall
Stalks	Very Good	Ear Flex	Full Flex

Conventional

8305 T 106 Day

- Awesome yielding corn – three years of data at the University plot in Galesville, WI: 2020 - 280 bu/acre; 2021 - 270 bu/acre; 2022 – 270 bu/acre
- Out yielded 95% of all GMO corns in trial plots
- Moves well north of the 105-day zone

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall
Stalks	Good	Ear Flex	Semi Flex

YIELD DATA FOR 8305					
LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
60	FD 8305	229.9	17.9	1.9	57.3
	Pioneer P0987	227.5	17.9	2.3	59.7
129	FD 8305	243	19.9	1.5	56.2
	Pioneer P0825AM	249.9	19.7	2.2	56.3
31	FD 8305	235.7	18.6	3.3	57.7
	DeKalb 61-52	238.9	18.4	3.3	59.3
167	FD 8305	242.9	19.5	1.3	56.1
	DeKalb 58-06	236.3	19.5	3.2	57.5

CONVENTIONAL 105-106 DAY

Characteristics Chart


Hybrid	Maturity	Emergence	Vigor	Yield for Maturity	Silage Tonnage	Silage Quality	Stalk Strength	Root Strength	Plant Height	Grain Drydown	Test Weight	Ear Flex	Drought Tolerance	High Yield Conditions	Ave Yield Conditions	Low Yield Conditions	Plant Health	Populations
HDC 93 T	93	EX	VG	8.5	9+	9	VG	AV	T	M	M	Full Flex	9	10	9	8	EX	24-32
9800 T	94	EX	VG	8	8	8	AV	EX	MT	M	M	Semi Flex	9	8	8	8	AV	24-32
8749 T	95	VG	VG	10	8+	7.5	VG	VG	MT+	MF	H	Full Flex	8	9	8	7	VG	26-33
HDC 100 T	100	VG	VG	8	9.5	9.5	VG	G	MT+	S	AV	Full Flex	8	8	8	8+	AV	25-35
NEW 8636 T	101	VG	EX	9	9.5	9.5	EX	EX	T	AV	AV	Semi Flex	8	9.5	9	6	VG	28-36
8552 T	105	EX	VG	10	7.5	7.5	VG	VG	MT	S	M	Low Flex	8.5	9.5	9.5	8.5	EX	28-34
8507 T	105	EX	EX	8.5	8	7.5	VG	EX	T	M	H	Full Flex	8.5	8	8	8+	EX	22-32
8305 T	106	VG	VG	9.5	9	8	G	VG	MT	MF	VG	Semi Flex	7.5	9.5	9	8	VG	28-38

CORN HYBRIDS

Traited

TRAITED 84-93 DAY

Traited

 Agrisure[®]GT

PS 21-84 GT 84 Day

- Resistant to Roundup[®]
- Strong emergence and vigor
- Fast canopy closure with wide leaves
- Good choice for corn on corn rotation

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall
Stalks	Very Good	Ear Flex	Full Flex

YIELD DATA FOR PS 21-84 GT

LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
9 states	PS 21-84 GT	202.3	18.5	0.3	55.7
	8978GTCBRW	204.0	18.2	1.0	55.6
10 states	PS 21-84 GT	201.9	19.4	1.5	55.7
	PIONEER 8542AM	199.7	18.5	3.4	55.7

Traited

 Agrisure[®]GT/CB/LL

PS 20-88 GTCBLL 88 Day


- Resistant to Roundup[®]
- Agrisure Artesian[®] technology takes advantage of both good times and stress times
- Fast drying grain lets you move this corn north of the 88-day growing zone
- Fast emergence and vigor make this a good choice for no-till acres

Emergence	Excellent	Roots	Excellent
Vigor	Very Good	Height	Med-Tall
Stalks	Average	Ear Flex	Semi Flex

YIELD DATA FOR PS 20-88 GTCBLL

LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
43	PS 20-88 GTCBLL	200.4	18.8	4.1	58.0
	DeKalb 39-28	193.8	18.4	3.1	57.5
45	PS 20-88 GTCBLL	200.7	18.8	4.1	58.2
	Pioneer 9188AM	202.5	19.6	1.6	58.6

Traited

 Agrisure[®]GT/CB/LL

PS 23-91 GTCBLL 91 Day

- Glyphosate tolerant
- Outstanding yield punch
- Excellent stalks, roots, and health
- First choice for corn on corn

Emergence	Very Good	Roots	Excellent
Vigor	Excellent	Height	Med-Tall
Stalks	Excellent	Ear Flex	Full Flex

YIELD DATA FOR PS 23-91 5122

LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	ROOT LODGE	TEST WT
55	PS 23-91 5122	198.6	21.8	0.4	0.3	55.9
	DKC 38-03 RIB	187.3	19.4	1.4	0.6	55.3
58	PS 23-91 5122	198.6	21.8	0.4	0.3	55.9
	P8542 AM	183.8	18.6	2.8	0.4	56.5

Traited

 Agrisure[®]Viptera

PS 19-93 GT Viptera 3110A 93 Day

- Resistant to Roundup[®]
- Agrisure Artesian[®] technology protection for drought stress
- Total above ground insect protection
- Most versatile corn hybrid you can find – works north of its maturity zone, south of its maturity zone, east and west.
- Works on all soil types
- Very popular early silage appeal with the added benefit of ear worm (mold) protection

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Med-Tall +
Stalks	Average	Ear Flex	Semi Flex

YIELD DATA FOR PS 19-93 GT VIPTERA 3110A

LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
59	PS 19-93 Viptera	196.4	18.0	4.5	59.2
	DeKalb44-13RIB	201.8	17.9	2.7	57.9
45	PS 19-93 Viptera	197.7	19.8	6.8	59.0
	P9188AM	202.5	19.6	1.6	58.6
68	PS 19-93 Viptera	188.5	17.9	3.0	59.4
	P9538AMXT	185.4	18.9	1.4	57.7

CORN HYBRIDS

Traited

Traited

Agrisure[®]GT

PS 22-97 GT 97 Day

- Resistant to Roundup[®]
- A true racehorse for yields but very stable under stress
- Excellent plant health
- Rapid emergence makes this a good choice for no-till fields
- Wide leaves help it compete with late emerging weeds

Emergence	Very Good	Roots	Very Good
Vigor	Excellent	Height	Med-Tall
Stalks	Very Good	Ear Flex	Full Flex

Traited

Agrisure[®]3000GT

PS 19-01 GT 101 Day

- Resistant to Roundup[®]
- Agrisure Artesian[®] technology
- First choice for drought prone areas
- Excellent stalk strength allows a longer harvest window
- Four years of yield comparisons with popular hybrids from big companies

Emergence	Very Good	Roots	Average
Vigor	Very Good	Height	Med-Tall
Stalks	Very Good	Ear Flex	Semi Flex

YIELD DATA FOR PS 19-01 3000 GT

LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
85	PS 19-01 GT	191.5	18.6	1.4	58.9
	DeKalb 49-72	188.9	17.6	0.6	57.4
86	PS 19-01 GT	192.9	18.6	1.4	58.9
	DeKalb 50-84	195.0	18.2	1.8	57.7

Traited

Agrisure[®]GT

PS 22-05 GT 105 Day

- Resistant to Roundup[®]
- Wide leaves with full canopy
- Very tall and healthy hybrid
- Excellent silage corn but you have the option to take it for grain, too
- Long harvest window

Emergence	Very Good	Roots	Very Good
Vigor	Very Good	Height	Tall
Stalks	Very Good	Ear Flex	Full Flex

SILAGE TRIALS FOR PS 22-05 GT

Milk Per Acre	Milk Per Ton	Starch	%NDF-30 Hour
41,332 lbs	3,291 lbs	39.8%	54.2%



Characteristics Chart

Hybrid	Maturity	Emergence	Vigor	Yield for Maturity	Silage Tonnage	Silage Quality	Stalk Strength	Root Strength	Plant Height	Grain Drydown	Test Weight	Ear Flex	Drought Tolerance	High Yield Conditions	Ave Yield Conditions	Low Yield Conditions	Plant Health	Populations
PS 21-84 GT	84	VG	VG	8.5	8.5	8	VG	VG	MT	AV	VG	Full Flex	8	8.5	8.5	8	AV	24-32
PS 20-88 GTCBLL	88	EX	VG	8.5	8	7.5	AV	EX	MT	F	M	Semi Flex	9	9	8.5	8.5	VG	28-34
PS 23-91 GTCBLL	91	VG	EX	9.5	9	9	EX	EX	MT	MF	VG	Full Flex	8	9	9	9	VG	22-36
PS 19-93 GT Viptera	93	VG	VG	9	9.5	9	AV	VG	MT+	AV	EX	Semi Flex	8	9	9	9	VG	25-35
PS 22-97 GT	97	VG	EX	9	7.5	7	VG	VG	MT	M	H	Full Flex	7.5	9	8	7.5	EX	22-33
PS 19-01 GT	101	VG	VG	8.5	7.5	7.5	VG	AV	MT	M	H	Semi Flex	9.5	8.5	8	9	VG	25-35
PS 22-05 GT	105	VG	VG	9	10	9.5	VG	VG	T	AV	AV	Full Flex	9	9	8	7.5	EX	26-34

CORN HYBRIDS & ALFALFA

Close Out Hybrids – Pre-Pay Only; No Returns

CLOSE OUTS 86-102 DAY

- Pre-paid orders get priority
- No returns or refunds for cancellation
- All hybrids pass cold and warm germ tests

Organic

8912 ORG 85 Day \$120

- Tough hybrid
- Wide leaves shade the row
- Medium height
- Fast emergence

Emergence	Excellent
Vigor	Good
Stalks	Very Good

Roots	Very Good
Height	Med-Tall
Ear Flex	Semi Flex

Conventional

8907 T 88 Day \$89

- Medium statured hybrid with excellent stalk
- White cob with good test weight grain
- Works best north of the 88-day zone

Emergence	Excellent
Vigor	Very Good
Stalks	Very Good

Roots	Excellent
Height	Medium
Ear Flex	Full Flex

Traited Hybrids



8618 GT 101 Day \$149

- Roundup® resistant
- Artesian technology makes this first choice for drought prone area
- Great stalks
- Above average yielder

Emergence	Very Good
Vigor	Very Good
Stalks	Very Good

Roots	Average
Height	Med-Tall
Ear Flex	Semi Flex

Organic

8500 ORG 102 Day \$120

- Extremely fast out of the ground
- Works in either high yield or low yield conditions
- Works in western corn belt
- Out yields many GMO hybrids

Emergence	Excellent
Vigor	Excellent
Stalks	Average

Roots	Excellent
Height	Med-Tall +
Ear Flex	Semi Flex

YIELD DATA FOR 8500

LOCATIONS	HYBRIDS	YIELD	MOISTURE	STALK LODGE	TEST WT
115	FD 8500	228.5	18.4	2.4	56.0
	Pioneer P0157AM	229.6	17.9	1.2	57.3
199	FD 8500	229.4	17.7	2.4	56.3
	DeKalb KDC55-20	233.7	17.4	0.8	56.9
160	FD 8500	227.8	17.9	3.2	56.6
	Pioneer P0636AMX	234.6	19.0	1.4	57.3

Organic

Multi-777 Alfalfa \$189

- Tops in forage quality because of the numerous small leaves on fine stems
- An above average disease package combined with good winterhardiness means good adaptation across most of the Dairy Belt
- No current inoculant on seed

Characteristics Chart

Hybrid	Maturity	Emergence	Vigor	Yield for Maturity	Silage Tonnage	Silage Quality	Stalk Strength	Root Strength	Plant Height	Grain Drydown	Test Weight	Ear Flex	Drought Tolerance	High Yield Conditions	Average Yield Conditions	Low Yield Conditions	Plant Health	Populations
ORG 8912	85	EX	G	8	7	7	VG	VG	MT	AV	M	Semi Flex	9	8	8	8	VG	25-33
8907 T	88	EX	VG	8	7	9	VG	EX	M	M	M	Full Flex	8	7	9	9	EX	28-36
8618 GT	101	VG	VG	8.5	7.5	7.5	VG	AV	MT	M	H	Semi Flex	9.5	8.5	8	9	VG	25-35
ORG 8500	102	EX	EX	9	9	8.5	AV	EX	MT+	M	AV	Semi Flex	8	9	9	7	EX	24-34

SEED TREATMENTS

Seed Treatments

Standard Treatments Included in the Price

- Conventional (T) and traited (GT) corn seed includes a systemic fungicide (Maxim Quatro).
- All Alfalfas and Clovers are pre-inoculated with Nitragin Gold or Prevail (OMRI approved).

Optional Seed Treatments Available for Additional Charge

- Conventional (T) and traited (GT) corn seed: can be treated with CruiserMaxx 250 ®. There's a 20 bag minimum order and seed must be ordered by February 1st.
- Organic (ORG) and Untreated (UT) corn seed: may be coated with SabrEx and/or 1R or ProfitCoat NB+. Minimum of 20 bags required (less on certain high volume hybrids) if ordered before March 1st.

Treatment Definitions

SabrEx: A biological fungi that lives in the roots, producing enzymes that benefit the plant by growing larger roots with increased yields. OMRI approved.

1R: Carbon based acid applied to the seed that improves early root growth and initial nutrient uptake of corn seedlings. University tests prove 1R improves yield. OMRI approved.

ProfitCoat NB+: Dry seed treatment containing many strains of beneficial bacteria and fungi plus seed lubricant with 75 trace elements to feed the live microbes on the seed. Organic certified. Consult with your certifier for final approval on your farm.

Nitragin Gold: OMRI approved alfalfa inoculant.

Maxim Quatro: Fungicide seed treatment applied to all of our conventional (T) and traited (GT) hybrids.

CruiserMaxx 250 ®: Insecticide seed treatment that can be added to conventional (T) and traited corn hybrids (GT).

Coatings: Foundation Direct Seeds, LLC grows and markets seed – not lime and clay so when possible, we source non-coated seed. A non-coated bag of seed plants better and gives you 33% more seed in the bag. Buy your lime from the fertilizer dealer and your seed from a seed company.

ALFALFA

All of our alfalfa brands are derived from different Flemish lines that contribute important characteristics like superior disease resistance, finer stems, larger leaves, and better standability.

Northern Montana Grown Alfalfa – Montana grown makes all four Grizzly brands winter tough. All Grizzly brands have exceptional hardiness which helps them survive winters in Wisconsin, North Dakota, Minnesota, Michigan, and New York.

These alfalfa varieties contain special traits not available in organic form.

Each bag contains 50 lbs. of seed – no cheap clay or lime coatings; pre-inoculated with Nitragin® Gold.

MONTANA GROWN ALFALFAS

Grizzly Brand Alfalfa *Untreated*

- Still the same alfalfa with a long track record of great performance at a great price
- Bred and produced in the North for the tough growing conditions found in the North
- Fast regrowth for high tonnage from multiple cuttings
- Grizzly still gives you more high-quality forage per acre than the high-priced competitors
- Produced in northern Montana in an official GMO-free seed production zone gives you the cleanest alfalfa seed. Many years of zero detect for GMO contamination

NEW

Grizzly 4 Bear Blend *Untreated*

Blend of Grizzly, Grizzly Silvertip, Grizzly Ramrod, and Grizzly Max Leaf RFV. You get the best traits of four alfalfas lines all in one bag. All four alfalfas complement each other. Each bag contains 50 lbs. of seed – no cheap clay or lime coatings. Each bag is pre-inoculated with Nitragin® Gold.

WITH Grizzly Max Leaf RFV* *Untreated*

Max Leaf RFV has more leaf area with three large leaves than multi-leaf varieties with four small leaves. More leaf area on small stems improves relative feed value.

*Only available in the Grizzly 4 Bear Blend

WITH NEW Grizzly Ramrod* *Untreated*

Noted for its ability to stand straight even under severe stress or after full bloom.

*Only available in the Grizzly 4 Bear Blend

Grizzly Silvertip Brand Alfalfa *Untreated*

Highest rated disease rating package you can get in alfalfa – 35 out of 35.

- Improved aphanomyces resistance including the newer type 3 APH
- Like the regular Grizzly, Silvertip was bred for northern conditions and is grown in northern Montana for winter hardiness
- Same fine to medium stem as Grizzly. Finer stems give you very high-quality dairy hay
- Broader genetic base lets Grizzly Silvertip weather a wide range of growing conditions while maintaining its yield potential.

IDAHO GROWN ALFALFAS

HDA 200 *Untreated*

High Digestible Alfalfa

- Lower percentage of lignin means your animals get more nutrients from alfalfa intake
- Extremely fast regrowth for excellent tonnage
- High RFV is maintained even when the alfalfa blooms
- Finer stems that stand well
- Lower lignin means you can extend your harvest window by a week and still maintain above average quality and increase yield

YIELD COMPARISON HDA 200 VS MAJOR ALFALFA BRANDS			
VARIETY/BRAND	HARVEST YEAR	% YIELD ADVANTAGE	EXTRA TONS/YEAR
HDA 200 vs Rebound 6XT	8	7%	.36
HDA 200 vs Legendairy XHD	3	9.8%	.79
HDA 200 vs WL 365HQ	4	9.8%	.5
HDA 200 vs 55Q27	7	8.9%	.48
HDA 200 vs Hi-Gest® 360	11	10.4%	.53
HDA 200 vs HybriForce-3430	4	9.3%	.45
HDA 200 vs Megatron (HarvXtra®)	7	9.7%	.5
HDA 200 vs HarvXtra®	4	24.5%	1.09

Trifecta *Untreated*

Complete stand brand. Equal amounts of three high performance Foundation Direct alfalfas with unique traits that complement each other's strengths. Each bag contains:

- Wett Foot – a high yielding multi-leaf with a fibrous branched root and sunken crown system for protection in wet soil
- HDA 200 – a highly digestible low fiber alfalfa with outstanding disease resistance and whole plant digestibility
- Rapid Fire – the fastest regrowth and highest yield of any northern bred alfalfa line. Made for aggressive cutting schedules (26-32 day).

IDAHO GROWN

Wett Foot Brand Alfalfa

Untreated

- Will tolerate wet, water-logged soil better than any tap root type alfalfa
- Lateral roots grow near the soil's surface which dries out first and gets to breathe before tap root alfalfa
- Lower crown helps increase longevity of the life of the stand
- Very fine stemmed – makes high quality forage
- Full disease package against diseases that thrive in wet soil and attack alfalfa seedlings

YIELD COMPARISON WETT FOOT VS MAJOR ALFALFA BRANDS	
VARIETY/BRAND	PERCENT ADVANTAGE
Wett Foot vs 55Q27	3%
Wett Foot vs WL 365HQ	9%
Wett Foot vs Rebound 6XT	6%
Wett Foot vs Hi-Gest® 360	14%
Wett Foot vs HybriForce-3400	12%
Wett Foot vs HybriForce-3430	12%
Wett Foot vs Legendairy XHD	14%
Wett Foot vs Megatron (HarvXtra®)	14%
Wett Foot vs HarvXtra® L-448	21%

ALFALFA ORGANIC ALFALFAS

Certified Organic

Nitro Brand Alfalfa

- Economical sources of plow down nitrogen
- Very winter hardy compared to less dormant plow downs so you have the option of keeping your field for hay

Each bag contains 50 lbs. of seed – no cheap clay or lime coatings; pre-inoculated with Nitragin® Gold.

Certified Organic

Platinum Brand Alfalfa

- Our BEST organic alfalfa
- Excellent all-around alfalfa with a well-balanced combination of yield, longevity, and quality

Coated with OMRI-approved Apex Green coating and pre-inoculated with Nitragin® Gold.



Alfalfa Product Chart

Alfalfa Variety	Available As	Yield Potential	Quality Potential	Winter Hardiness	Fall Dormancy	Disease Resistance	Bacterial Wilt	Phytophthora Root Rot	Fusarium Wilt	Anthraxnose	Vertical Wilt	Aphanomyces Type I	Aphanomyces Type II	Recovery Rate
Grizzly	Untreated	9.5	9.0	2.0	3.7	32/35	HR	HR	HR	HR	HR	HR	R	9.3
NEW Grizzly 4 Bear	Untreated	9.5	9.5	2.0	3.6	33/35	HR	HR	HR	HR	HR	HR	HR	9.5
Grizzly Max Leaf RFV*	Untreated	9.3	9.8	2.5	3.9	34/35	HR	HR	HR	HR	HR	HR	R	9.0
Grizzly Ramrod*	Untreated	9.8	8.8	2.5	2.5	32/35	HR	HR	HR	HR	HR	HR	R	9.6
Grizzly Silvertip	Untreated	9.5	9.0	2.0	3.8	35/35	HR	HR	HR	HR	HR	HR	HR	9.5
HDA 200	Untreated	9.5	10	1.7	4.2	33/35	HR	HR	HR	HR	HR	HR	R	9.5
Trifecta	Untreated	9.7	9.6	1.8	4	33/35	HR	HR	HR	HR	HR	HR	HR	9.6
Wett Foot Branched Root	Untreated	9.5	8.0	2.2	3.0	35/35	HR	HR	HR	HR	HR	HR	HR	9.0
Nitro	Organic	7.5	8.0	3.0	3.0	25/30	R	HR	MR	R	MR	LR	NR	7.5
Platinum	Organic	9.0	9.0	2.2	4.0	29/30	HR	HR	HR	MR	HR	HR	NR	9.0

*Only Available in the Grizzly 4-Bear Mix blend

Legend

Winter Hardiness

VH = Very Hard
MH = Moderately Hardy
H = Hardy

Forage Yield

10-9 = Excellent
8-7 = Very Good
6-5 = Good
4-3 = Fair
2-1 = Poor

Resistance

HR = Highly Resistant
MR = Moderately Resistant
R = Some Resistance
LR = Low Resistance
NR = No Resistance

CLOVER & GRASSES

DC 990 Red Clover *Untreated*

If you require a long-term red clover to make your rotation work and a medium red simply won't do – then plant DC 990 long term red clover. In addition to getting a variety that will last three or more years, you get an improved variety with all of the updates to the disease resistance package that help your stand last longer. DC 990 has demonstrated faster spring green up and fast recovery after cutting or grazing which increases yield. Makes a nice mix with Organic Platinum Alfalfa and Check Mate Orchardgrass. Non-treated/non-GMO.

Not Coated – 50 lbs. of seed; pre-inoculated with OMRI approved Prevail

NEW

Free Spirit Red Clover *Untreated*

A fast-drying medium red clover. Free Spirit has very few of the fine hairs that slow down the drying rate of other medium red clovers. The yield and persistence of Free Spirit is better than other common red clovers including most improved varieties on the market. 25 lb/bag non-coated; pre-inoculated with OMRI approved Prevail.

Medium Red Clover *Untreated*

Not available for delivery until March 15th

- Common 2-year, 2-cut clover
- Will establish quickly
- Lower cost option for good source of nitrogen
- One-year old uncut clover can yield 70 lbs. of nitrogen per acre
- Seed 6-10 lbs. per acre with nurse crop

Premium Grass Mix *Untreated*

Nice blend of three cool season grasses and two later season grasses that deliver a lot of nutritious forage early in the season. Some of the grasses will tolerate heat in the summer without going dormant. We recommend adding a legume-like alfalfa or clover to produce forage later in the summer and add nitrogen to help feed the grass. Seed at 25-40 lb. per acre.

- 25% Tetraploid Perennial Ryegrass
- 25% Orchardgrass
- 25% Festulolium
- 15% Timothy
- 10% Italian Ryegrass

Check Mate Orchardgrass

Untreated

One of the few later maturity orchardgrass varieties on the market. Works well with Organic Platinum or Grizzly Alfalfa and with DC 990 Red Clover. Check Mate is very palatable and retains its quality after it is mature. Check Mate has very good resistance to rust and exhibits good stand persistence. It is less clumpy than other varieties.

- Non-treated, non-GMO
- Sold in 25 lbs. bags; 3-4 lbs. per acre in mixture
- Non-coated means you're buying pure seed – not lime and clay

Climax Timothy *Untreated*

- Winter hardy perennial cool season forage grass
- Very persistent
- Makes high quality hay and forage
- Not recommended for high heat and drought areas
- Prefers moist, cool conditions
- 8 lb./acre alone
- 2-3 lb. per acre mixed with clovers, alfalfas, and grasses



Replant & Returns

CORN AND ALFALFA: If the field needs to be replanted for any reason including hail, flood, planter malfunction, weed pressure, or cold, wet weather (NOTE: organic and untreated corn is not covered for replant if originally planted before May 10), seed will be provided at 50% of published retail prices plus delivery cost. The field must be replanted in the same season as the original seed was purchased. Closeouts, blends, and seed purchased at a delivery day special price are included but must be replanted with regular priced seed (not replanted with a closeout or blend) at 50% of retail published price plus delivery.

RETURNS: Close Out Hybrids are non-returnable. All other seed must be returned at your expense to our warehouse by June 15, 2024. Dirty bags will be charged a re-bagging fee. Any bags that are water or oil stained will not be accepted. Seed that is from a prior year will not be accepted for return.

Discounts

John Deere Finance Option: Special rates apply. See back page for details.

Delivery Charges

If Buying from a Sales Rep: No delivery charge if purchased and picked up at Foundation Direct salesman's farm or warehouse prior to planting season. Shipping charges may apply to late orders.

Buying Directly from the Company: Charges vary by state, quantity, and time of year for delivery. An estimated delivery charge will be given when ordering seed.

Pallet Charge: \$10 per pallet delivered to your farm or pick-up location.



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 Liberty® herbicide for optimum yield and excellent weed control. 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.

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Discounts

Ask your Foundation Direct salesman about prices and discounts in your area.

Delivery

No delivery charge if purchased and picked up at Foundation Direct salesman's farm or warehouse prior to planting season. Shipping charges may apply to late orders. Delivery charges when buying direct from the company will vary based on location, quantity, and month of purchase.



JOHN DEERE CREDIT

Pay with John Deere Credit

Special terms are available including no payment until 12/1/24. Call our office for details 608-780-5460.

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