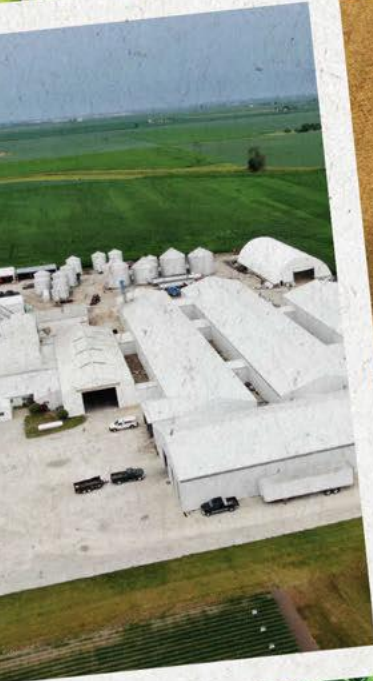


PRO HARVEST

SEEDS®

2024 SEED GUIDE





PROHARVEST

SEEDS®

At ProHarvest Seeds, our goal is to not only meet your expectations, but to exceed them—before, during, and after the growing season.

PROHARVEST OFFERS

- 1 Quality Products
- 2 Expertise in Product Selection
- 3 The Best in Customer Service

FINANCING OPTIONS

ProHarvest is proud to offer additional financing options through First Mid Bank & Trust or John Deere Financial. The process of submitting a purchase through both companies is simple, and both provide exceptional customer service as well as a full understanding of the financing that Agriculture needs. Online applications can be found at proharvestseeds.com/financing.

Customers must qualify to be eligible.



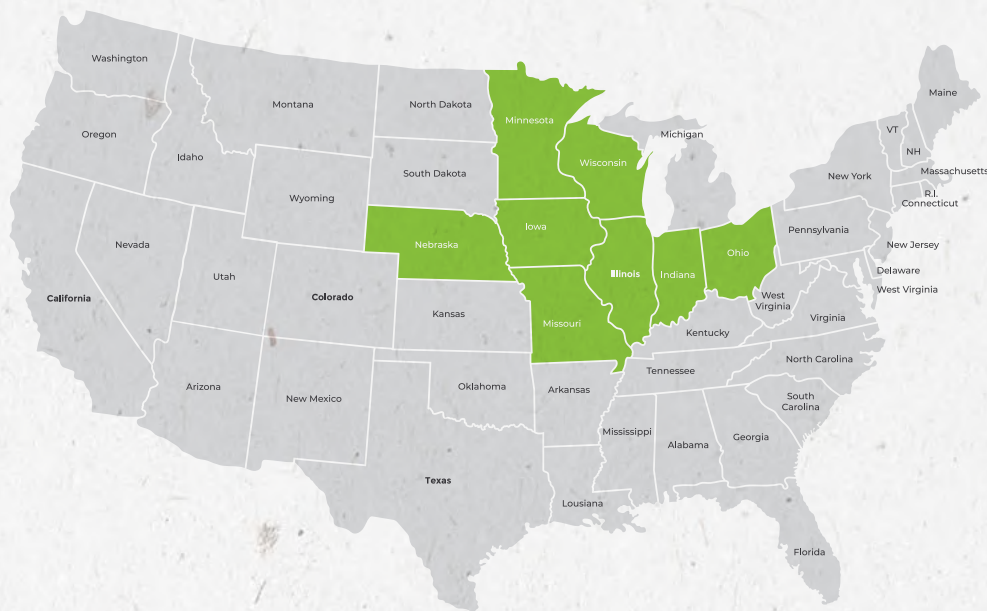
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THE PROHARVEST REACH

Make Every Harvest a ProHarvest.



Our Vision

To be the seed company of choice in the Midwest, providing exceptional products to our customers that are widely respected and growing while operating ethically and responsibly.

Our Mission

ProHarvest Seeds is committed to maximizing the goals of our customers by providing optimized seed selections with elite genetics, traits, and treatments. We are focused on partnering with our growers through their successful harvest by providing excellent service, thorough product research, and a personal touch.

Core Values

- We are a company people are proud to do business with because of our integrity, honesty, and strong values.
- We are easy to do business with—no complicated pricing or sales programs, and easy access to appropriate personnel for agronomy, shipping, invoicing, and especially the owners.
- We will only sell products that meet our high standards, be it performance or quality, regardless of how it may impact the company's bottom line.
- We operate by the Golden Rule which says, *"Do unto others as you would have done unto you."*

CORN PRODUCTS

Scan this code to view
all corn products.



At ProHarvest, we know performance is what matters. Our 2024 line up of hybrids has been researched and developed for outstanding results. We provide a diverse solution of trait packages for your needs. We are confident that planting ProHarvest hybrids in your field will not only meet your needs but exceed your expectations. Be sure to check out our Value Hybrids on page 9.



ABOVE ONLY

	HYBRID	RM	TRAIT*	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	TEST WEIGHT	EMERGENCE	STALK STRENGTH	ROOT STRENGTH	STAY GREEN	DROUGHT TOLERANCE
P	69P79	99	TreRIB	Med-Tall	Med-High	FL	G	VG	VG	VG	VG	VG
P	4990	99	VT2PRIB	Tall	Med-High	SFL	VG	VG	VG	VG	G	VG
P	70P53	100	AA	Medium	Medium	SFL	G	G	VG	VG	VG	VG
P	71P16	101	VT2PRIB	Medium	Medium	SFL	G	G	VG	VG	G	G
P	74P51	104	VT2PRIB	Medium	Medium	SFL	G	E	VG	VG	VG	VG
N	75P85	105	DGVT2PRIB	Med-Tall	Med-High	FL	G	VG	VG	G	G	E
P	6828	106	VT2PRIB	Med-Tall	Medium	SFL	G	E	E	VG	VG	VG
N	77P19	107	VT2PRIB	Medium	Medium	SFL	VG	E	VG	G	G	G
P	79P49	109	VT2PRIB	Med-Tall	Medium	SFL	VG	G	E	VG	G	G
P	79P72	109	VZ	Med-Tall	Med-High	D	G	VG	E	E	E	E
P	8015	110	VT2PRIB	Medium	Medium	SFL	VG	VG	VG	E	G	VG
P	81P65	111	AA	Med-Tall	Med-Low	SFL	E	E	VG	G	VG	VG
P	81P88	111	TreRIB	Medium	Med-High	SD	G	VG	G	VG	G	G
P	82P29	112	VT2PRIB	Med-Tall	Medium	SFL	VG	G	VG	G	G	G
N	82P79	112	VT2PRIB	Med-Tall	Medium	SFL	VG	VG	E	VG	VG	E
P	8360	113	VT2PRIB	Med-Tall	Medium	SD	VG	G	VG	VG	G	G
P	3751	113	DGVT2PRIB	Tall	Medium	FL	G	VG	VG	VG	VG	VG
P	83P33	113	DGVT2PRIB	Med-Tall	Med-High	SFL	G	VG	VG	VG	VG	VG
N	83P66	113	VT2PRIB	Medium	Medium	SFL	G	VG	VG	VG	VG	G
P	84P78	114	TreRIB	Med-Tall	Medium	SFL	G	G	VG	VG	VG	G
P	85P90	115	VT2PRIB	Medium	Med-High	SFL	VG	VG	VG	VG	VG	VG
P	86P23	116	VT2PRIB	Med-Tall	Med-High	SFL	E	G	E	VG	VG	VG

P = Proven N = New

KEY: E = Excellent, VG = Very Good, G = Good, AV = Average, FL = Flex, SFL = Semi-Flex, SD = Semi-Determinate, D = Determinate

"ProHarvest cares about their customers like family. Eric traveled to my farm from Illinois to check on some wind damage and Randy addressed my product requests. ProHarvest's options in the hybrid lineup and different technologies are second to none. Great representation from a great staff and company."

Mike Bredemeier // Nebraska



CORN PRODUCTS

PROHARVEST SEEDS

ABOVE + BELOW

	HYBRID	RM	TRAIT*	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	TEST WEIGHT	EMERGENCE	STALK STRENGTH	ROOT STRENGTH	STAY GREEN	DROUGHT TOLERANCE
P	71P16	101	SSRIB	Medium	Medium	SFL	G	G	VG	VG	G	G
P	74P51	104	SSRIB	Medium	Medium	SFL	G	E	VG	VG	VG	VG
N	75P85	105	SSRIB	Med-Tall	Med-High	FL	G	VG	VG	G	G	E
P	6828	106	SSRIB	Med-Tall	Medium	SFL	G	E	E	VG	VG	VG
P	77P44	107	SSPRORIB	Medium	Medium	SD	G	VG	VG	VG	AV	G
P	6893	108	DV	Medium	Med-Low	SFL	G	E	G	G	G	E
P	79P72	109	DVZ	Med-Tall	Med-High	D	G	VG	E	E	E	E
P	79P87	109	SSRIB	Medium	Med-High	SD	AV	VG	G	VG	AV	G
P	8015	110	SSRIB	Medium	Medium	SFL	VG	VG	VG	E	G	VG
P	81P65	111	D	Med-Tall	Med-Low	SFL	E	E	VG	G	VG	VG
P	81P88	111	SSRIB	Medium	Med-High	SD	G	VG	G	VG	G	G
P	82P40	112	SSRIB	Med-Tall	Med-High	SFL	VG	VG	VG	VG	VG	G
P	82P68	112	SSPRORIB	Med-Tall	Medium	SFL	VG	G	G	G	G	G
P	8360	113	SSRIB	Med-Tall	Medium	SD	VG	G	VG	VG	G	G
P	84P47	114	SSRIB	Medium	Medium	SFL	E	VG	VG	E	VG	VG
P	85P90	115	SSRIB	Medium	Med-High	SFL	VG	VG	VG	VG	VG	VG

P = Proven **N** = New

KEY: E = Excellent, VG = Very Good, G = Good, AV = Average, FL = Flex, SFL = Semi-Flex, SD = Semi-Determinate, D = Determinate

CONVENTIONAL

	HYBRID	RM	TRAIT*	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	TEST WEIGHT	EMERGENCE	STALK STRENGTH	ROOT STRENGTH	STAY GREEN	DROUGHT TOLERANCE
P	71P16	101	CONV	Medium	Medium	SFL	G	G	VG	VG	G	G
P	73P40	103	CONV	Med-Tall	Med-High	SFL	E	VG	VG	G	VG	G
P	6828	106	CONV	Med-Tall	Medium	SFL	G	E	E	VG	VG	VG
P	2815	108	CONV	Med-Tall	Medium	FL	G	E	VG	E	E	VG
N	78P23	108	CONV	Med-Tall	Medium	SFL	VG	VG	E	VG	VG	VG
P	78P70	108	CONV	Medium	Medium	SFL	G	VG	VG	VG	G	VG
P	8015	110	CONV	Medium	Medium	SFL	VG	VG	VG	E	G	VG
P	80P64	110	CONV	Med-Tall	Med-High	SFL	E	VG	VG	G	VG	G
P	81P65	111	CONV	Med-Tall	Med-Low	SFL	E	E	VG	G	VG	VG
P	8360	113	CONV	Med-Tall	Medium	SD	VG	G	VG	VG	G	G
P	85P55	115	CONV	Med-Tall	Med-High	FL	VG	VG	VG	G	E	VG
P	85P90	115	CONV	Medium	Med-High	SFL	VG	VG	VG	VG	VG	VG

P = Proven **N** = New

KEY: E = Excellent, VG = Very Good, G = Good, AV = Average, FL = Flex, SFL = Semi-Flex, SD = Semi-Determinate, D = Determinate

CORN PRODUCTS

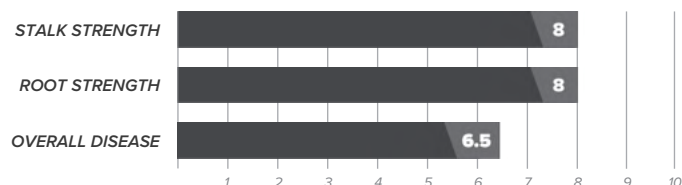
99 DAY - 106 DAY

69P79 | 99 DAY

Available as: TRERIB



- Strong performance across a wide area
- Flowers late with fast drydown
- Nice, girthy ears with a lot of flex
- Performs well in many yield levels and soils

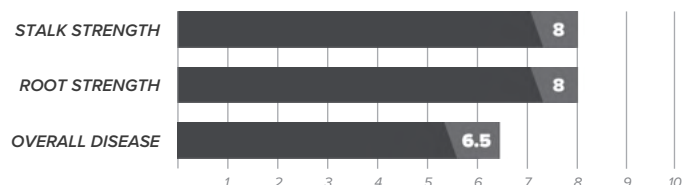


4990 | 99 DAY

Available as: VT2PRIB



- Strong performance from Central to the West
- Responds favorably to high management
- Very good drydown and late season intactness
- May consider as a dual purpose hybrid



70P53 | 100 DAY

Available as: AA



- An exciting new option in this maturity!
- Strong stalks and roots
- Strong yield potential across many environments
- Goes anywhere from East to West



71P16 | 101 DAY

Available as: SSRIB, VT2PRIB, CONV



- Leading 101 day product with tremendous ear girth
- Genetics and disease package to go East and West
- Flex ear can tolerate many populations
- Good response from fungicide use

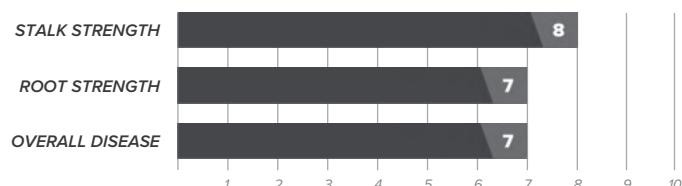


73P40 | 103 DAY

Available as: CONV



- Lots of good data supporting this hybrid
- Very good against Tar Spot and GLS
- Consistent ears with very high test weight
- Stays healthy and intact



74P51 | 104 DAY

Available as: SSRIB, VT2PRIB



- A very well rounded, versatile hybrid
- Excellent seedling vigor and drought tolerance
- Goes West well with strong Goss's Wilt and Green Snap
- Brings top performance to this RM



75P85 | 105 DAY

Available as: SSRIB, DGV2PRIB



- A new widely-adapted hybrid that goes on many acres!
- Modified root structure with good wet feet
- Responds at all yield levels
- Can take drought stress and lower pops



6828 | 106 DAY

Available as: SSRIB, VT2PRIB, CONV



- Top-end yield with large area of adaptation
- Impressive disease tolerance
- Widely adapted hybrid that moves South well
- Excellent stalks and roots with low Green Snap risk



CORN PRODUCTS

107 DAY - 109 DAY

77P19 | 107 DAY

Available as: VT2PRIB

- High yield level for maturity
- Nice flex ears with good test weight
- Very fast drydown
- Works well with more average populations



77P44 | 107 DAY

Available as: SSPRORIB

- An exciting new option to combat CRW
- A very strong hybrid all around
- Moves North and South of zone and East to West
- Likes medium to higher populations



2815 | 108 DAY

Available as: CONV

- Exciting conventional hybrid with high yield potential
- Outstanding plant health and staygreen
- Excellent early season vigor for early planting
- Very good lateral root system for prairie soils



6893 | 108 DAY

Available as: DV

- High performing Artesian® hybrid
- Excels in the Central and Western Corn Belt
- Excellent early season vigor for early planting
- Great ear flex allows for more moderate populations



78P23 | 108 DAY

Available as: CONV

- A unique early by late hybrid cross
- Fantastic disease package that goes North and South
- Topped research yield trials for 2 years straight
- Light husk cover with great stalk integrity



78P70 | 108 DAY

Available as: CONV

- Well adapted across the Corn Belt
- Girthy ears with a white cob
- Strong Goss's Wilt and Western movement
- Nice fall appearance



79P49 | 109 DAY

Available as: VT2PRIB

- Strong and consistent yields with a punch!
- Goes on a wide range of acres
- Excellent stalks and low Green Snap risk
- Moves South very well



79P72 | 109 DAY

Available as: DVZ, VZ

- A strong performer with low risk
- Excels from Des Moines to the East
- Best-in-class plant health
- More determinate ear and takes higher populations



CORN PRODUCTS

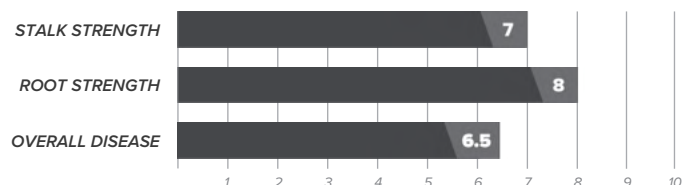
109 DAY - 112 DAY

79P87 | 109 DAY

Available as: SSRIB



- Brings high-yield levels into the 109 RM!
- Best suited for Central and East of I-35 in Iowa
- Best positioned in the high yield environment
- Fungicide use can add more yield

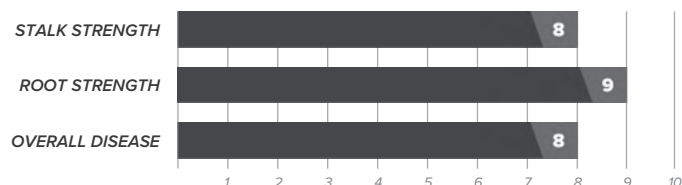


8015 | 110 DAY

Available as: SSRIB, VT2PRIB, RR, CONV



- Very good stalks and excellent roots
- Excellent early season vigor
- Very good test weight grain on a semi-flex ear
- A true bench mark nicknamed "Mr. Consistent"!



80P64 | 110 DAY

Available as: CONV



- Brings genetic diversity to our lineup
- Strong yields across environments
- Very nice disease package
- Goes across the Midwest and stays intact



81P65 | 111 DAY

Available as: D, AA, CONV



- Outstanding performance and versatile
- Widely adapted to many environments
- Takes a range of populations
- Excellent test weight and good on Tar Spot



81P88 | 111 DAY

Available as: SSRIB, TRERIB



- A hybrid to push for high yields!
- Best performance found on highly-productive acres
- Use a fungicide to help maximize yield potential
- Trecepta® version has better Goss's Wilt and Green Snap ratings



82P29 | 112 DAY

Available as: VT2PRIB



- A very versatile hybrid that takes stress
- Nice yield level for a lot of acres
- Strong tolerance to Southern Rust
- Stays intact into the fall with very good test weight



82P40 | 112 DAY

Available as: SSRIB



- Offers high yields and strong agronomics
- Very consistent ears, push populations!
- Adapted well East to West
- Excellent on Goss's Wilt and Green Snap



82P68 | 112 DAY

Available as: SSPRORIB



- An exciting new option to combat CRW
- Brings strong yields to the table
- Moves North of zone well
- Prefers more highly-managed acres



CORN PRODUCTS

112 DAY - 115 DAY

82P79 | 112 DAY

Available as: VT2PRIB

- A problem-solving hybrid with good wet feet and heat tolerance
- Very strong stalks with strong disease package
- Big, deep kernels and a penetrating root structure
- Derived from the same female as our popular 8324 hybrid



8360 | 113 DAY

Available as: SSRIB, VT2PRIB, CONV

- Top-end yield potential in high yield environments
- Moves North well for full season hybrid
- Well adapted for the Central and Eastern Corn Belt
- Best performance at medium to high populations



3751 | 113 DAY

Available as: DGV2PRIB

- Flex-eared and drought tolerant
- Very good Green Snap tolerance
- Excellent Goss's Wilt tolerance
- Yields well at low to moderate populations



83P33 | 113 DAY

Available as: DGV2PRIB

- A yield leader at the 113 RM
- Girthy ears with deep, "flexy" kernels
- Push into higher-yield environments
- Very nice disease package



83P66 | 113 DAY

Available as: VT2PRIB

- A must try relative of our largest seller 8360!
- Built for high yields and a touch later than 8360
- Goes on all soil types
- Goes North and South with average populations



84P47 | 114 DAY

Available as: SSRIB

- A powerful SmartStax® RIB Complete® option for Central and East
- Strong disease package for corn-on-corn acres
- Nice test weight, deep kernels with consistent ears
- Watch Green Snap as you pull it west into Nebraska



84P78 | 114 DAY

Available as: TRERIB

- A big time hybrid to cover lots of acres!
- Can take a range of populations with its ear flex
- Really solid on agronomics and diseases
- Average Green Snap risk



85P55 | 115 DAY

Available as: CONV

- A unique, new genetic family for our lineup
- Performs well from East to West
- A showy plant with a flex ear
- Covers many soils and populations



CORN PRODUCTS

115 DAY - 116 DAY



85P90

115 DAY

Available as: SSRIB, VT2PRIB, CONV



- Proven genetics that cover a wide area
- Moves North, South, East and West with good Goss's Wilt
- Consistent grain and silage yield on a lot of acres
- Great canopy and husk coverage



86P23

116 DAY

Available as: VT2PRIB



- Full season genetics with top-end yields
- Heavy test weight with 18-20 kernel rows
- Moves North well for a 116 day hybrid
- Great disease package with above-average wet feet



VALUE HYBRIDS

Value Hybrids are hybrids in excess supply that we have discounted so we can make room for newer genetics in our lineup. These products have proven themselves over time. They have a place on your farm as a solid performer and come at a great savings to you! They are a win-win!

HYBRID	RM	TRAIT*	PLANT HEIGHT	LEAF TYPE	EAR HEIGHT	TEST WEIGHT	EMERGENCE	STALK STRENGTH	ROOT STRENGTH	STAY GREEN	DROUGHT TOLERANCE
6393	103	VT2PRIB	Medium-Tall	Semi-Upright	Medium	Excellent	Excellent	Very Good	Very Good	Very Good	Very Good
77P33	107	TreRIB	Medium	Semi-Upright	Medium	Average	Good	Good	Good	Good	Very Good
6860	108	GT	Medium-Tall	Semi-Upright	Medium	Very Good	Very Good	Excellent	Very Good	Very Good	Very Good
78P26	108	SSRIB	Medium	Semi-Upright	Medium	Good	Very Good	Good	Good	Good	Very Good
8324	113	VT2PRIB	Medium	Semi-Upright	Medium	Very Good	Very Good	Very Good	Very Good	Good	Very Good

NOTES

CORN SILAGE INFORMATION

Feeding livestock is important at ProHarvest Seeds, and we have taken it upon ourselves to evaluate silage for you. Below you will see replicated data including our key commercial products, silage-specific hybrids, as well as competitors. The data is sorted by “Milk Per Acre”, followed by rankings of “Milk Per Ton”. Information related to starch, fiber and tonnage content is included as well.



Scan this code to view full corn silage chart.

BRAND	PRODUCT	TECHNOLOGY*	RM	YIELD AT 65% MOIST. (TONS/A)	DRY MATTER (%)	CRUDE PROTEIN (%DM)	ENERGY		FIBER				MILK 2006 30 HR		MILK/ACRE (LBS)
							STARCH (%DM)	IN-SITU SD - 7HR (%STARCH)	ANDF(%DM)	NDFD30(%NDF)	UNDF240(%DM)	TTNDFD(%NDF)	MILK/TON (LBS)	RANK	
ProHarvest	83P33	DGVT2PRIB	113	22.7	35.9	7.6	37.4	67.28	39.38	57.36	12.83	43.34	3,417	8	27,301
ProHarvest	74P51	SSRIB	104	21.2	35.2	7.9	38.0	66.84	39.20	59.52	11.78	44.54	3,542	1	26,439
ProHarvest	79P72	VZ	109	20.5	36.8	7.4	35.8	67.09	40.59	59.68	12.68	45.02	3,478	2	25,439
ProHarvest	84P78	TreRIB	114	21.2	33.9	7.9	36.1	65.65	39.40	57.75	13.30	42.37	3,421	7	25,013
ProHarvest	82P40	SSRIB	112	21.4	35.6	8.0	36.1	68.47	39.24	58.76	13.17	43.22	3,338	12	24,988
ProHarvest	82P29	VT2PRIB	112	19.9	35.3	7.4	33.8	66.40	41.55	60.00	12.57	43.36	3,446	4	24,695
EXP	XS2275	GT	111	21.6	33.4	8.1	36.2	63.74	39.19	57.75	12.93	43.29	3,342	11	24,577
ProHarvest	6828	SSRIB	106	20.7	33.9	7.9	38.3	65.41	38.40	57.68	13.15	42.20	3,428	6	24,375
Dairyland	DL5202	Qrome	112	21.9	32.0	8.0	35.8	67.57	39.25	56.84	13.75	43.64	3,350	10	24,292
EXP	XS2260	GT	110	20.2	34.4	7.9	36.8	68.26	38.95	55.98	13.73	42.65	3,318	13	23,211
ProHarvest	85P90	SSRIB	115	19.5	33.5	8.1	35.8	66.50	39.37	57.26	13.60	41.09	3,448	3	23,165
Dairyland	DL4999	Qrome	109	19.9	32.0	7.9	34.8	64.82	40.04	57.60	11.99	41.44	3,442	5	22,513
EXP	XS2255	RR2	108	18.4	34.0	7.8	30.2	65.23	43.79	57.51	13.32	41.84	3,390	9	21,425
TOTAL AVERAGES				20.7	34.3	7.8	35.7	66.4	39.9	58.0	13.0	42.9	3,410	-	24,378

*Data represents replicated testing done in 2022 with 3rd Party testing from Northern, IL and Southern, WI plus our own internal testing with the ISU Farm in Lexington, IL.













Yield at 65% Moisture	Silage Yield in tons per acre adjusted to 65% moisture.
Dry Matter (%)	The percentage of the freshly chopped forage consisting of Dry Matter (without moisture).
Crude Protein (%DM)	The percentage of forage dry matter consisting of Crude Protein. High values are desired.
Starch (%DM)	The percentage of forage dry matter consisting of Starch. Starch, derived from grain and digestible fiber, is a key energy element. High values are desired.
In-Situ SD - 7hr (%STARCH)	The percentage of total starch that is nutritionally available by digestion after 7 hours. High values are desired.
aNDF (%DM)	Neutral Detergent Fiber measures the fiber content of the forage, expressed as percentage of forage dry matter. Low values are desired.
NDFD30 (%NDF)	Neutral Detergent Fiber Digestibility measures the fiber digestibility of the forage within 30 hours of rumination, expressed as percentage of NDF. High values are desired.
uNDF240 (%DM)	Undigested Neutral Detergent Fiber content remaining after 240 hours expressed as percentage of forage dry matter. Low values are desired.
TTNDFD (%NDF)	Is a measure of the extent and speed of fiber digestion throughout the entire tract of a high-producing dairy cow. High values are desired.

CORN TRAITS

PROHARVEST SEEDS



TRAIT NAMING KEY

SSPRORIB		<p>SmartStax® PRO RIB Complete® Corn Blend</p> <p>SmartStax® PRO RIB Complete® Corn Blend is the next generation of protection against an ongoing threat: corn rootworm. SmartStax® PRO Technology combines the proven benefits of SmartStax® Technology with an additional, unique RNAi-based mode of action — becoming the first product with three modes of action for corn rootworm control. Plus, it's a RIB Complete® brand corn blend, which means refuge compliance for the Corn-Growing Area is easier than ever.</p>
SSRIB		<p>SmartStax® RIB Complete® Corn Blend</p> <p>SmartStax® RIB Complete® Corn Blend is a mix of 95% Bt. treated, 5% refuge seed. You get all the benefits of SmartStax® technology, plus the convenience of 5% refuge seed interspersed in every bag. It has proven to have a 10 bu/A advantage over non-Bt. treated corn and a 20 bu/A advantage over non-Bt. treated corn + a soil-applied insecticide.</p>
TRERIB		<p>Trecepta® RIB Complete® Corn Blend</p> <p>Trecepta® technology contains Cry1A.105, Cry2Ab2 and Vip3Aa20 from B.t. that together controls European corn borer, southwestern corn borer, southern cornstalk borer, corn earworm, fall armyworm, stalk borer, sugarcane borer, beet armyworm, true armyworm, black cutworm, western bean cutworm, lesser cornstalk borer and dingy cutworm. Products containing this technology also contain Roundup Ready® 2 Technology that provides tolerance to in-crop applications of labeled glyphosate herbicides when applied according to label directions.</p>
DGVT2PRIB		<p>DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend</p> <p>DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend contain the first double-stacked trait with dual modes of action for above ground insects and maximum protection against corn earworm. Superior genetics along with innovative drought-tolerant trait technology helps DroughtGard® Hybrids withstand drought conditions for a better chance of maximizing kernels per ear and overall yield potential.</p>
VT2PRIB		<p>VT Double PRO® RIB Complete® Corn Blend</p> <p>VT Double PRO® RIB Complete® Corn Blend is a mix of 95% treated and 5% refuge seed. With refuge-in-a-bag, there's no need to calculate or plant separate, structured refuge in the Corn-Growing Area. It contains dual modes of action for maximum protection against corn earworm and other above-ground pests, like European and Southwestern corn borers and fall armyworm.</p>
RR2		<p>Roundup Ready® Corn 2</p> <p>Roundup Ready® Corn 2 contains in-plant tolerance to Roundup® brand herbicides, enabling growers to spray Roundup® brands over the top, from planting through the V8 stage or 30-inch corn height, with excellent crop safety and no yield reduction. Compared to popular conventional corn programs, the Roundup Ready® Corn 2 system costs less, while allowing hybrids to reach their maximum yield potential.</p>
GT		<p>Agrisure® GT</p> <p>The Agrisure® GT trait provides tolerance to in-crop applications of glyphosate-based herbicides. This hybrid is an excellent option for refuge acres in a structured refuge operation.</p>
AA		<p>Agrisure® Above</p> <p>The Agrisure® Above trait stack offers the convenience of an integrated E-Z Refuge® seed blend featuring multiple modes of action against corn borer, as well as suppression of ear-feeding insects. The Agrisure® Above trait stack is ideal in areas where corn rootworm management is not a primary concern.</p>
VZ		<p>Viptera™ Z3</p> <p>The Viptera™ Z3 trait stack offers the most comprehensive above-ground insect control, with three modes of action on key broad lepidopteran pests and three modes of action on corn borer, plus a convenient integrated E-Z Refuge® seed blend. It reduces the need for scouting and treatments and is a good fit for geographies where corn rootworm is not a concern.</p>
D		<p>Duracade®</p> <p>The Duracade® trait stack offers season-long control of corn rootworm and corn borer, as well as suppression of ear-feeding insects, and includes a unique mode of action that demonstrates strong performance against corn rootworm, with an integrated E-Z Refuge® seed blend.</p>
DV		<p>DuracadeViptera™</p> <p>The DuracadeViptera™ trait stack is the industry's most comprehensive solution for proactively protecting yield potential and field health, featuring multiple modes of action to control 16 key insects—more than any competitive trait stack—including a unique mode of action that demonstrates strong performance against corn rootworm, and the convenience of an integrated E-Z Refuge® seed blend.</p>
DVZ		<p>DuracadeViptera™ Z3</p> <p>The most comprehensive above- and below-ground insect control for proactively protecting yield potential and field health, and the convenience of an integrated E-Z Refuge® seed blend.</p>

SOYBEAN PRODUCTS

Enlist E3® • XtendFlex® • Conventional

Every bag of ProHarvest-brand soybeans is selected with you in mind. That’s because it is our job to bring you the best products for your farm. Our 2024 soybean lineup is more comprehensive and diverse than ever.

You will notice that we have chosen products with strong agronomic traits, pest resistance, disease tolerance, and excellent emergence and standability. Our expertise on specific tillage systems and agronomic practices will enhance product performance.

WIN THE START PROTECT DI SOYBEAN SEED TREATMENT

Win from the start with proTect DI soybean seed treatment, featuring industry-leading Lumisena® fungicide seed treatment that provides best-in-class protection against Phytophthora, Pythium and Rhizoctonia.

WIN THE SEASON WITH:



**More Modes Of
Action Against Early
Season Diseases**



**Control Against Key
Insects & Pests**



**Strong, Healthy
Plant Stands &
Improved Vigor**

Robust Fungicide Package

Protect your genetic investment with soybean seed treatments that feature **more modes of action** against top yield-robbing diseases: *Phytophthora*, *Pythium*, *Rhizoctonia*, *Fusarium*, and *Phomopsis*.

Multiple Modes Of Action Against Key Diseases							
proTect DI	Brand Name	Active Ingredient	Phytophthora	Pythium	Rhizoctonia	Fusarium	Phomopsis
	Lumisena®	Oxathiapiprolin	1				
	Apron X6	Mefenoxam	1	1			
	Lumiflex™	Ipconazole			1	1	1
	DPX-YT669	Picoxystrobin		1	1	1	
	INTEGO™ Solo	Ethaboxam	1	1			
	Relenya®	Revysol			1		
Number of Modes of Action			3	3	3	2	1

Broad-Spectrum Insect Control

Protect plant health and seedlings against a range of crop-damaging insect pests with thiamethoxam during the most vulnerable growing period.



Aphids



Bean Leaf Beetle



Grape Colaspis



White Grubs



Leafhoppers



Wireworm



Thrips

ENLIST E3[®] SOYBEANS

PROHARVEST SEEDS



ENLIST E3[®]

Enlist E3[®] soybeans offer growers herbicide tolerance to Glyphosate, Glufosinate and 2,4-D, and limited set back restrictions. Enlist E3[®] soybeans will allow unprecedented herbicide options pairing up elite genetics with either the pre-packaged Enlist Duo[®] or Enlist One[®] which can be paired with other approved herbicides.



Scan this code to view Enlist E3[®] tech sheets.

25E35

2.5 RM

Trait: ENLIST E3[®]

- Exciting new Peking line!
- A strong medium-tall, bushy plant type
- Very strong tolerance to SDS
- Excels in high and low yield environments both



NEW



27E44

2.7 RM

Trait: ENLIST E3[®]

- Raises the bar for yield in the late group 2 RM
- Strong yields from East to West!
- Stands great and looks pretty in the fall
- A nice plant style with height and width



NEW



2848E

2.7 RM

Trait: ENLIST E3[®]

- A medium-tall line that works anywhere
- Handles stress very well
- A solid, proven line
- Uniform line with great eye appeal



PROVEN



29E49

2.9 RM

Trait: ENLIST E3[®]

- Unique, new genetics in a popular RM
- Yields well in all environments
- A complete disease package that stands well
- A very pretty line at harvest time



NEW



30E11

3.0 RM

Trait: ENLIST E3[®]

- High yields, disease tolerance AND standability!
- Very good against SDS and SWM
- Consistent performer and stands great
- Works on irrigated acres also



PROVEN





ENLIST E3[®] SOYBEANS

PROHARVEST SEEDS

31E37

3.1 RM

Trait: ENLIST E3[®]



- Tough acres don't bother this one!
- Very solid from East to West
- Another strong Peking SCN option
- A sharp looking line



3548E

3.5 RM

Trait: ENLIST E3[®]



- An excellent combination of offense and defense
- Adaptable to variable soils
- Nicknamed "Mr. Consistency"
- Very strong and stable agronomics



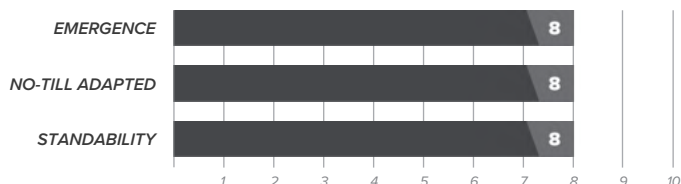
35E12

3.5 RM

Trait: ENLIST E3[®]



- Works well across the Midwest
- Very strong SDS over multiple years
- Great against lodging and stress
- Very good PRR tolerance with Rps1k gene



37E41S

3.7 RM

Trait: ENLIST E3[®]



- A strong performer against key checks
- Unique genetics to companion with in this RM
- A shorter and stockier plant type
- An unbeatable agronomic package



ENLIST E3[®] SOYBEAN AGRONOMICS

	PROHARVEST VARIETY	TRAIT	RM	PLANT HEIGHT	CANOPY/ PLANT TYPE	EMERGENCE	STANDABILITY	STRESS TOL.	PRS	BSR	PFR	SDS TOL.	NO-TILL ADAPTABILITY
N	25E35	Enlist E3 [®]	2.5	Med-Tall	Bush	VG	VG	VG	1k	E	VG	VG	VG
N	27E44	Enlist E3 [®]	2.7	Med-Tall	Med-Bush	E	E	VG	1k	NA	VG	VG	E
P	2848E	Enlist E3 [®]	2.7	Med-Tall	Medium	VG	VG	VG	1k	E	E	VG	VG
N	29E49	Enlist E3 [®]	2.9	Medium	Med-Bush	E	E	VG	1k	E	VG	VG	E
P	30E11	Enlist E3 [®]	3.0	Med-Tall	Med-Bush	E	E	E	None	E	VG	VG	E
P	31E37	Enlist E3 [®]	3.1	Medium	Medium	VG	VG	VG	1k	NA	VG	VG	VG
P	3548E	Enlist E3 [®]	3.5	Med-Tall	Medium	VG	VG	E	NA	E	VG	VG	VG
P	35E12	Enlist E3 [®]	3.5	Med-Tall	Bush	VG	VG	E	1k	E	VG	VG	VG
N	37E41S	Enlist E3 [®]	3.7	Med-Short	Med-Bush	E	E	VG	1c & 3a	VG	VG	VG	E

P = Proven **N** = New

KEY: E = Excellent, VG = Very Good, G = Good, R= Resistant, S = Susceptible, PRS = Phytophthora Resistance Source, BSR= Brown Stem Rot, PFR = Phytophthora Field Resistance

XTENDFLEX® SOYBEANS

PROHARVEST SEEDS

XTENDFLEX®

XtendFlex® soybeans are triple-stacked soybean trait with tolerance to dicamba, glyphosate and glufosinate herbicides for outstanding weed control.

Scan this code to view XtendFlex® tech sheets.



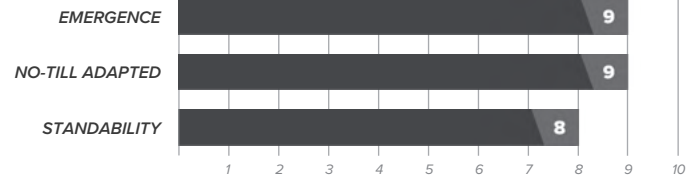
26F34

2.6 RM
Trait: XTENDFLEX®

- A proven line in the XtendFlex® lineup
- Strong yield bump in this maturity
- Offers a solid disease profile
- A great no-till option and stands well



PROVEN



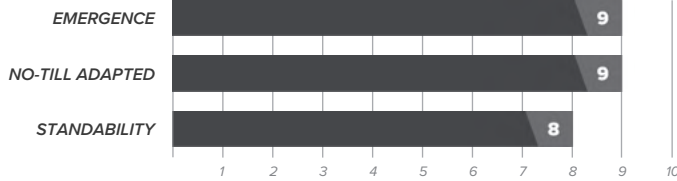
29F42

2.9 RM
Trait: XTENDFLEX®

- A +3 bpa advantage over 28F12's
- A bigger, wider plant type
- A nice upgrade to the XtendFlex® lineup
- Manage around higher SDS areas



NEW



30F31

3.0 RM
Trait: XTENDFLEX®

- A big line with big data!
- Stands well for the height
- Stacked PRR genes
- Will cover a lot of acres Central and East



PROVEN



32F26

3.2 RM
Trait: XTENDFLEX®

- Strong yield potential
- Excellent emergence and standability
- Very good on SDS
- A STAR from our 2022 releases and still going strong



PROVEN



34F37

3.4 RM
Trait: XTENDFLEX®

- A combination of yield and defense here
- A nice upgrade in this maturity
- Offers a nice disease package
- A very versatile variety



PROVEN





XTENDFLEX® SOYBEANS

PROHARVEST SEEDS

36F28

3.6 RM

Trait: XTENDFLEX®



- Unique genetics for the XtendFlex® platform!
- Strong performance across the Midwest
- A medium-tall plant type
- Offers tolerance to STS® chemistry



38F46

3.8 RM

Trait: XTENDFLEX®



- Exceptional 2-year data across the Midwest
- Taller and bushier plant type that stands well
- A great no-till bean with a solid disease package
- A great companion to 36F28



XTENDFLEX® SOYBEAN AGRONOMICS

	PROHARVEST VARIETY	TRAIT	RM	PLANT HEIGHT	CANOPY/ PLANT TYPE	EMERGENCE	STANDABILITY	STRESS TOL.	PRS	BSR	PFR	SDS TOL.	NO-TILL ADAPTABILITY
P	26F34	XtendFlex®	2.6	Med-Tall	Med-Bush	E	VG	VG	1c	R	G	VG	E
N	29F42	XtendFlex®	2.9	Med-Tall	Med-Bush	E	VG	VG	1c	R	VG	G	E
P	30F31	XtendFlex®	3.0	Tall	Med-Bush	E	VG	VG	1c & 3a	VG	VG	VG	E
P	32F26	XtendFlex®	3.2	Medium	Medium	E	E	NA	None	E	G	VG	VG
P	34F37	XtendFlex®	3.4	Med-Tall	Med-Bush	E	VG	VG	1c	R	G	G	VG
P	36F28	XtendFlex®	3.6	Med-Tall	Med-Bush	E	E	VG	1a	NA	G	E	VG
N	38F46	XtendFlex®	3.8	Tall	Med-Bush	E	VG	VG	1c	NA	G	VG	E

P = Proven N = New

KEY: E = Excellent, VG = Very Good, G = Good, R= Resistant, S = Susceptible, PRS = Phytophthora Resistance Source, BSR= Brown Stem Rot, PFR = Phytophthora Field Resistance

NOTES

CONVENTIONAL SOYBEANS

PROHARVEST SEEDS



CONVENTIONAL

Although the demand for conventional soybeans varies from year to year, there is a consistent request for this segment of the soybean market. Unlike traited soybeans, which are largely dominated by large corporations, the introduction of new conventional soybean genetics comes from companies large and small.



Scan this code to view conventional tech sheets.

27C10

2.7 RM

Trait: CONVENTIONAL



- Fantastic multi-year data
- Loads of pods in the plant's midsection
- Attractive plant type
- Very strong plant health

Conventional



2539C

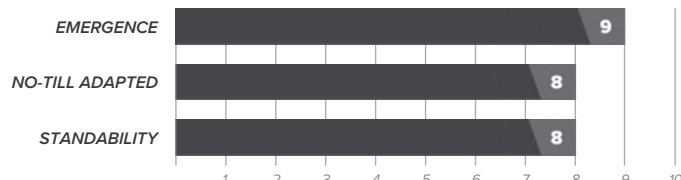
2.5 RM

Trait: CONVENTIONAL



- Nice height with good width to fill rows quickly
- Strong IDC and SCN ratings
- Strong multi-year performance
- Good potential fit for a wide geography

Conventional



29C24

2.9 RM

Trait: CONVENTIONAL



- A variety with yield and dual SCN protection!
- Very consistent yields
- Rps1k for Phytophthora
- Works well on all soil types

Conventional



31C30

3.1 RM

Trait: CONVENTIONAL



- Strong data over multiple years
- Great defense package for many acres
- Stands like a champion
- Raises the bar for yield over past products

Conventional



34C39S

3.4 RM

Trait: CONVENTIONAL



- Strong parentage in this line
- High yields across the Midwest
- Has resistant genes for PRR and Stem Canker
- Stands strong, nice emergence and can take stress

Conventional





CONVENTIONAL SOYBEANS

PROHARVEST SEEDS

37C13S | 3.7 RM

Trait: CONVENTIONAL



- High performance 3 years running
- Contains tolerance to STS® chemistry
- Strong disease package
- Somewhat bushy with lateral branching

Conventional



39C47S | 3.9 RM

Trait: CONVENTIONAL



- A strong new entry in the late group 3's for non-gmo!
- Excellent 2-year-performance data
- Complete disease package combined
- A must-have line if you plant close to this maturity!

Conventional



CONVENTIONAL SOYBEAN AGRONOMICS

PROHARVEST VARIETY	TRAIT	RM	PLANT HEIGHT	CANOPY/ PLANT TYPE	EMERGENCE	STANDABILITY	STRESS TOL.	PRS	BSR	PFR	SDS TOL.	NO-TILL ADAPTABILITY
P 2539C	CONV	2.5	Medium	Bush	E	VG	VG	None	G	VG	NA	VG
P 27C10	CONV	2.7	Medium	Medium	E	E	VG	1c	E	E	E	E
P 29C24	CONV	2.9	Medium	Med-Bush	E	VG	VG	1k	NA	VG	VG	E
P 31C30	CONV	3.1	Med-Tall	Med-Bush	VG	VG	VG	None	S	VG	G	VG
P 34C39S	CONV	3.4	Med-Tall	Med-Bush	VG	VG	VG	1k	S	VG	VG	E
P 37C13S	CONV	3.7	Medium	Med-Bush	E	E	VG	None	VG	E	E	E
N 39C47S	CONV	3.9	Med-Tall	Med-Bush	VG	VG	VG	1c	R	VG	G	E

P = Proven **N** = New

KEY: E = Excellent, VG = Very Good, G = Good, R = Resistant, S = Susceptible, PRS = Phytophthora Resistance Source, BSR = Brown Stem Rot, PFR = Phytophthora Field Resistance

NOTES

WHEAT PRODUCTS

PROHARVEST SEEDS

7S450

Relative Maturity:
MEDIUM-EARLY

- Excellent for straw
- Handles wet feet
- All soil types



AGRONOMIC FEATURES

Yield for Maturity	VERY GOOD	Septoria	VERY GOOD
Standability	GOOD	Head Scab	EXCELLENT
Seeding Recommendation	1.2 - 1.6	Leaf Rust	VERY GOOD
Powdery Mildew	VERY GOOD	Stripe Rust	EXCELLENT

7B492

Relative Maturity:
MEDIUM-EARLY

- Outstanding test weight
- Excellent standability with top end yields
- Scab resistant



AGRONOMIC FEATURES

Yield for Maturity	EXCELLENT	Septoria	VERY GOOD
Standability	EXCELLENT	Head Scab	EXCELLENT
Seeding Recommendation	1.2 - 1.6	Leaf Rust	GOOD
Powdery Mildew	VERY GOOD	Stripe Rust	EXCELLENT

NOTES

protectW

SEED TREATMENT



FEATURES & BENEFITS

- Premium fungicide package for maximum control of key diseases including common root rot
- Excellent seed sanitation as well as systemic seedling disease suppression
- Robust insecticide rate for wireworms and white grubs
- Ideal blend of both systemic and contact fungicides providing a broad spectrum of protection

- ✓ Common Root Rot
- ✓ Fusarium
- ✓ Smuts and Bunts
- ✓ Wireworms
- ✓ Rhizoctonia
- ✓ White Grubs

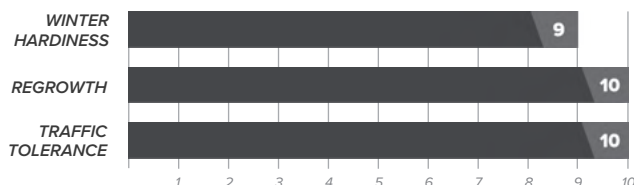


ALFALFA PRODUCTS

PROHARVEST SEEDS

ELDORA III

- Exceptionally high forage yield potential
- Outstanding forage quality attributes
- Branch root with deep set crowns



AGRONOMIC FEATURES

Fall Dormancy	4.0
Wisconsin Disease Rating	38/40
Grazing Tolerance	EXCELLENT
Branch Root	YES



ENTREE RL

- Reduced lignin, high digestibility with excellent yields
- Solid disease resistance package with high leaf-to-stem ration
- Longer harvest window for long and short term rotations



AGRONOMIC FEATURES

Fall Dormancy	4.2
Wisconsin Disease Rating	34/35
Grazing Tolerance	GOOD
Branch Root	YES



HOPPERNOT MAX

- Leafhopper resistant variety
- High quality, low maintenance; higher yield vs. other LH alfalfas
- Adapted to 3- or 4-cut systems, and performs well with grasses



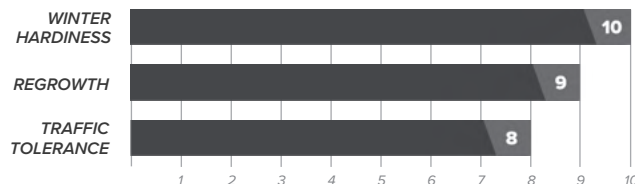
AGRONOMIC FEATURES

Fall Dormancy	3.0
Wisconsin Disease Rating	34/35
Grazing Tolerance	GOOD
Branch Root	NO



L-450RR

- High yielding, very fast recovery
- Roundup Ready® trait; great for problem fields
- Excellent winter hardiness



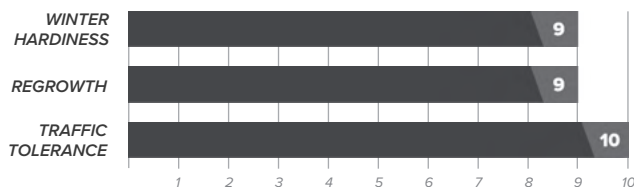
AGRONOMIC FEATURES

Fall Dormancy	4.2
Wisconsin Disease Rating	34/35
Grazing Tolerance	GOOD
Branch Root	YES



HYBRIFORCE-3420/WET

- Branch-rooted hybrid alfalfa
- Resistance to aphanomyces root rot race I and II
- Large root mass offers incredible persistence and traffic tolerance



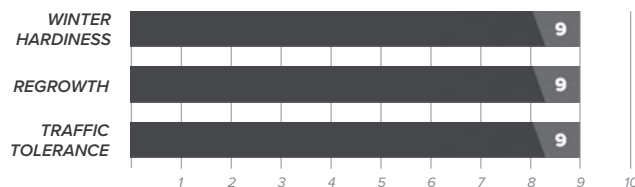
AGRONOMIC FEATURES

Fall Dormancy	4.0
Wisconsin Disease Rating	34/35
Grazing Tolerance	VERY GOOD
Branch Root	YES



HYBRIFORCE-4400

- High-yielding hybrid alfalfa
- Increased harvest time flexibility
- Very dense, high quality stand



AGRONOMIC FEATURES

Fall Dormancy	4.2
Wisconsin Disease Rating	33/35
Grazing Tolerance	VERY GOOD
Branch Root	NO




FORAGE PRODUCTS

ProHarvest Seeds utilizes forage genetics that provide a balance of high quality with excellent tonnage. Our improved grasses and forages are selected from around the world and are chosen for quality, yield, persistence, disease resistance and maturity that make it easier to manage hayfields and pastures.

FORAGE³

Scan this code to view additional forage information.

 PASTURE & FORAGE POSITIONING CHART	RATE FOR PURE STAND	RATE IN A MIX	PERSISTENCE	DROUGHT TOLERANCE	WINTER HARDINESS	PALATABILITY	YIELD POTENTIAL	GRAZING TOLERANCE	DISEASE RESISTANCE	MANAGEMENT LEVEL
Alfalfa	18-22	8-16	E	E	E	E	E	VG	VG	High
Red Clover	15-20	5-15	VG	E	E	E	E	E	E	Medium
Orchard Grass	15-20	4-8	VG	VG	VG	E	VG	VG	VG	Low
Tall Fescue	25-35	8-15	E	E	E	VG	E	E	E	Medium
Timothy	10-15	3-6	G	P	E	E	G	VG	E	Low
Perennial Ryegrass	30-40	6-12	G	P	VG	E	VG	E	VG	Low
Festulolium	25-35	6-12	VG	VG	E	E	E	E	E	Low
Smooth Brome	30-40	8-18	E	VG	VG	E	E	VG	VG	Low
Italian Ryegrass	35-45	6-12	E	VG	E	E	E	E	E	Low
White Clover	2-5	1-4	E	G	10	10	VG	E	E	Medium
Forage Sorghum	10	N/A	E	E	N/A	VG	E	N/A	E	Low
Sorghum Sudan Grass	40-50	N/A	E	E	N/A	E	E	E	E	Medium
Hybrid Sudan Grass	25-30	N/A	VG	E	N/A	E	VG	E	VG	Medium
Hybrid Pearl Millet	25-35	N/A	VG	E	N/A	E	VG	E	VG	Low

KEY: E = Excellent, VG = Very Good, G = Good, P = Poor



"ProHarvest works well for the grain and the livestock farmer. They have quality genetics with a very knowledgeable and helpful staff to assist your needs."

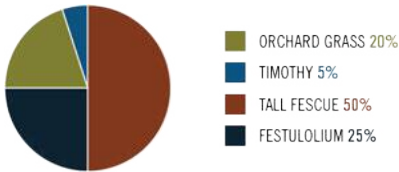
Dave Hudson // Illinois

4GRASS

Rate: **30-40 LBS/ACRE**   

4Grass is an ideal grass-only mixture with high quality and tonnage.

- 4Grass Hay Mix is an ideal grass-only mix with high quality tonnage
- Reaches peak production in late spring and early summer
- Pair with ProHarvest alfalfa for exceptional quality

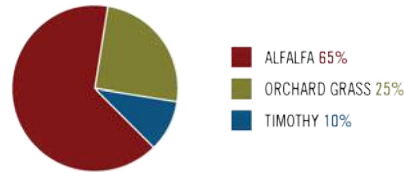


ALFACUT MIXES

Rate: **25 LBS/ACRE**   

AlfaCut makes excellent horse- and dairy-quality hay with high tonnage.

- The premium varieties in this mix are selected for a superior yielding, high quality, dry hay field or for haylage production
- Ready-to-seed mix
- AlfaCut makes excellent horse and dairy quality hay
- The late-maturing varieties in this mix have been selected to match the growth patterns of alfalfa

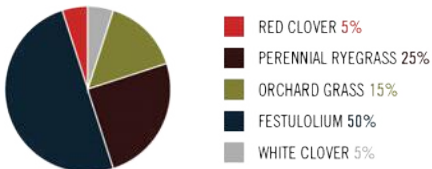


RAPIDGRAZ

Rate: **30-40 LBS/ACRE**  

RapidGraz is a five-ingredient blend designed for a fast, easy start.

- RapidGraz Pasture Mix is designed for fast, easy growth
- Used to improve stand densities in underperforming pastures
- Useful when a three/four-year pasture is needed between haying and grazing
- Designed to regenerate pasture quickly

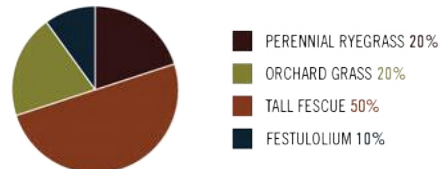


POWERGRAZ

Rate: **30-40 LBS/ACRE**   

PowerGraz is a multipurpose mix that is ideal for cattle, sheep, goat, llama, alpaca and horse pastures.

- Ideal pasture mix for cattle, sheep, goats, llamas and alpacas
- The premium varieties make it an ideal mix for rotational grazing, as well as continuous grazing
- Can overseed into existing pastures to improve density
- Pair with a high-quality legume, such as alfalfa or multi-year red clover to increase quality and tonnage



FORAGE 365™

To view our full product offerings visit
WWW.PROHARVESTSEEDS.COM

COVER CROPS

As growers, we know we cannot control weather or prices. However, we can be proactive with a cover crop plan. Over time, a well-developed strategy can erase the stubborn yield limitations of our land. In combination with new seed genetics and technology innovations, cover crop usage will begin to break through that yield barrier.



Scan this code to view additional cover crop information.

COVER CROP POSITIONING CHART	DRILL SEEDING RATE	BROADCAST RATE	INCREASE ORGANIC MATTER	FALL WEED SUPPRESSION	SPRING WEED SUPPRESSION	SCAVENGE NUTRIENTS	ALLEVIATE COMPACTION	IMPROVE SOIL TILTH	IMPROVE SOIL STRUCTURE	MANAGEMENT LEVEL
Bonus Blend	35	45	EX	EX	EX	EX	EX	EX	EX	Medium
Land & Livestock Blend	50	70	EX	EX	EX	EX	EX	EX	EX	Medium
N-Fix Blend	13	17	F	VG	G	EX	VG	VG	F	Medium
Quick Cover Blend	30	35	G	VG	VG	EX	EX	EX	G	Low
Secure Blend	15	18	EX	VG	EX	EX	EX	EX	EX	High
AwakeN Blend	30	N/A	EX	EX	EX	EX	EX	EX	VG	High
Brassica Mix	5	10	F	VG	F	EX	VG	VG	P	Low
reCLAIM Radish	8	10	F	VG	P	EX	EX	VG	P	Low
Centurion Annual	15	20	EX	VG	EX	EX	EX	EX	EX	High
reSTORE Winter Rye	56	75	EX	EX	EX	EX	G	EX	EX	High
Winter Barley	50	75	VG	EX	VG	VG	G	EX	VG	Medium
Oats	50	70	G	VG	F	G	P	F	P	Low
Crimson Clover	15	20	G	VG	F	VG	P	F	P	Medium
Winter Wheat	50	75	G	VG	VG	G	G	G	VG	High

KEY: E = Excellent, VG = Very Good, G = Good, F = Fair, P = Poor



*“From plant health to yield,
ProHarvest Seeds performs!”*

Franz Neff // Durant, Iowa



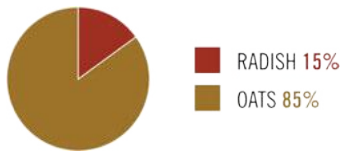
COVER CROPS

PROHARVEST SEEDS

QUICK COVER BLEND

Radish, Oats

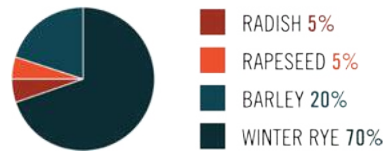
- Easy, effective blend for low management
- Establishes quickly to minimize fall Erosion
- Winter-kills easily
- Scavenges nutrients well



BONUS BLEND

Winter Rye, Radish, Rapeseed, Barley

- Excellent fall weed suppression
- More biodiversity to stimulate microbes
- Long establishment window for a fall blend
- Improves soil structure and increases organic matter



LAND & LIVESTOCK BLEND

Winter Rye, Radish

- Easy to manage for being an overwintering blend
- Very good fall and spring weed suppression
- Builds soil below ground and protects it above
- Low risk of establishment comparatively



SECURE BLEND

Radish, Annual Ryegrass

- Excellent in decreasing soil compaction
- Improves soil structure and permeability
- Scavenges Nitrogen both fall and spring
- Includes a winter hardy annual ryegrass variety



N-FIX BLEND

Radish, Fixation Clover, Crimson Clover

- Nitrogen fixing and scavenging at its best
- Excellent after wheat, corn silage or seed corn
- Improves soil tilth
- Plant timely to take advantage of Nitrogen production



AWAKEN BLEND

Radish, Rapeseed, Fixation Clover, Crimson Clover, Oats, Buckwheat, Cowpeas, Pearl Millet

- Excellent summer mix with a lot of biodiversity
- Establishes quickly to minimize fall erosion
- Winter-kills easily
- Scavenges nutrients well



Insect Resistance Management
Planting Refuges, Preserving Technology

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

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. B.t. products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

Refuge seed may not always contain the DroughtGard® trait.

IMPORTANT IRM INFORMATION: Certain products are sold as RIB Complete® corn blend products, and do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. Products sold without refuge in the bag (non-RIB Complete) require the planting of a structured refuge. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

Insect control technology provided by **Vip3A** is utilized under license from Syngenta Crop Protection AG. Agrisure Viptera® is a registered trademark of a Syngenta group company.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate.

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

Products with XtendFlex® Technology contain genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.



Acceleron®, DroughtGard®, RIB Complete®, and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, Roundup®, SmartStax and

Design®, SmartStax®, Trecepta®, Trecepta® RIB Complete®, VT Double PRO®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready PLUS®, SR and Design®, TruFlex®, VaporGrip®, XtendFlex® and XtendiMax® are trademarks of Bayer Group. LibertyLink® and the Water Droplet Design® are registered trademarks of BASF Corporation. Herculex® is a registered trademark of Corteva Agriscience LLC. Agrisure Viptera® is a registered trademark of Syngenta. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners.

Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

Due to the unique cropping practices do not plant Roundup Ready® Alfalfa in Imperial County, California, pending import approvals and until Forage Genetics International, LLC (FGI) grants express permission for such planting. Forage Genetics International, LLC ("FGI") is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Roundup Ready® Alfalfa has pending import approvals. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® Technology

contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate. Roundup Ready® and Roundup® are registered trademarks of Bayer Group, used under license by Forage Genetics International, LLC.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Roundup Ready® is a registered trademark of Bayer Group, used under license by Forage Genetics International, LLC. HarVXtra® Alfalfa with Roundup Ready® Technology is enabled with Technology from The Samuel Roberts Noble Foundation, Inc.

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides. Agrisure® Above, Agrisure® Total, Artesian®, Duracade®, DuracadeViptera®, DuracadeViptera® Z3, Viptera®, Viptera® Z3, and E-Z Refuge® are trademarks of a Syngenta Group Company.

More information about Duracade® is available at www.biotradestatus.com.



YieldGard
VT PRO

LIBERTY
LINK

Seeds containing the Enlist, Herculex and PowerCore traits are protected under one or more U.S. patents which can be found at www.traitstewardship.com. The purchase of these seed traits include a limited license to produce a single crop in the United States. The use of seed from such a crop or the progeny thereof for propagation or seed multiplication or for production or development of a hybrid or different variety of seed is strictly prohibited. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Corteva Agriscience Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements.

To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower the limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed. Always read and follow herbicide label directions prior to use: Enlist® products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist® crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products.

Enlist E3® soybean seeds containing the Enlist® trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3® soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist® Soybean Product Use Guide. U.S. patents for Corteva Agriscience technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, our product launch process for responsible launches of new products includes a longstanding process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer's acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit www.biotradestatus.com.



The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C. ® Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience and its affiliated companies. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

STS®

HERBICIDE STATEMENT: This variety contains a trait providing enhanced tolerance to specific sulfonylurea soybean herbicides such as Synchrony® XP and Classic® and any additional herbicides to be developed and as clearly noted on their herbicide label. **YOU MUST SIGN A TECHNOLOGY USE AGREEMENT, READ THE PRODUCT USE GUIDE PRIOR TO PLANTING.** The STS® gene will not safeguard this variety against other herbicide chemistries which are labeled to be used only over-the-top of crops that have a different and specified herbicide resistant gene. Always read and follow herbicide directions prior to use. ACCIDENTAL APPLICATION OF INCOMPATIBLE HERBICIDES TO THIS VARIETY COULD RESULT IN TOTAL CROP LOSS.

INTEGO® Solo is a trademark of Valent U.S.A. Corporation.

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A CLOSER LOOK AT THE ENLIST® WEED CONTROL SYSTEM FOR SOYBEANS



2,4-D choline | Glyphosate | Glufosinate

Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist E3® soybean crops.

On-Target Application

- 90% less drift than traditional 2,4-D
- 96% less volatile than 2,4-D ester



- Convenient proprietary blend of 2,4-D choline and glyphosate
- The two sites of action work together to deliver control of yield-robbing weeds and help prevent resistance



- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Provides additional tank-mix flexibility with Durango® DMA® herbicide, Liberty® herbicide and other qualified tank-mix products, allowing for a customized weed control program to fit each farm

Think Before You Bin Run



Verification Required The last patent on the original Roundup Ready® soybean trait expired a few years ago and U.S. farmers may legally plant saved seed from some varieties of soybean containing the Roundup Ready® soybean trait. However, it is important that you check with your seed supplier to determine if a specific Roundup Ready® soybean variety is covered by other intellectual property rights, and if so, the policy for saving seed of that variety.

Higher Seeding Rate A higher seeding rate may be required for bin-run Roundup Ready® soybeans compared to new branded seed.

Yield Loss Roundup Ready 2 Yield® soybean, Roundup Ready 2 Xtend® soybean, and XtendFlex® soybean varieties typically have a higher yield opportunity than Roundup Ready® soybean varieties.

Cleanout Loss Loss of seed and/or shrink occurs during the seed cleaning and handling processes for bin-run seed.

Seed Treatment Costs Treating your seed will add costs—both the cost of the treatment and the application of that treatment.

Lost Income Every bushel of saved seed you plant is a bushel you're not selling as commodity grain.

Increased Seed Management If you plan to save and bin-run Roundup Ready® soybeans for planting, you will have to manage your harvest operations and grain storage so that the seed isn't co-mingled with other seed that's covered by intellectual property rights.

High Value of New Branded Seed

Latest Technology

- // High-yielding soybean technologies
- // Better variety options
- // Leading seed treatment options

Customer Service

- // Dealer agronomic support before and after the sale
- // Replant policy support
- // Convenient packaging and delivery

Reliable Germination and Quality

- // Rigorously tested and meets U.S. Federal Seed Act requirements
- // Free of seed-borne diseases
- // Properly stored and conditioned

For a list of Bayer's trait patents go to cs.bayerpatents.bayer.com

For questions regarding seed intellectual property, or to anonymously report a saved seed tip, you can contact Bayer in the following ways:

1. Call 1-866-99-BAYER
2. Send a letter: Trait Stewardship, 622 Emerson Road, Suite 150, Creve Coeur, MO 63141
3. Submit a contact request at cropsience.bayer.us/contact or scan the QR code



Bayer is a member of the Seed Innovation and Protection Alliance. Visit www.seedipalliance.com to learn more. SIPA™ is a trademark of the Seed Innovation and Protection Alliance.

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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

Roundup Ready® Technology contains genes that confer tolerance to glyphosate. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contain genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-888-283-6847 for recommended Roundup Ready® Xtend Crop System weed control programs.

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