



NON-GMO SEED RESEARCH VIDEO SERIES

Go behind the scenes to see how we produce higher-yielding products without traits.
alseed.com/research



VIKING NON-GMO SEED GUIDE

CORN • SOYBEANS • ALFALFA

FIND A DEALER

To find a dealer near you, visit
alseed.com/viking
or call 800.352.5247



20 26

IS IT TIME TO PLANT CONVENTIONAL NON-GMO SEED? IT ALWAYS HAS BEEN.

Adapted from an article on our website titled “Conventional Wisdom: How to Grow Net Returns with Non-GMO Corn and Soybeans” by Albert Lea Seed Marketing Director Cole Thompson and Viking/Blue River Dealer Casey Staloch. For the complete article—and additional resources such as yield comparisons, cost analysis, and a list of buyers of non-GMO corn and soybeans—visit alseed.com/conventional-wisdom or scan the QR code at right.



IS GROWING NON-GMO RIGHT FOR ME?

Every year we talk to farmers who are considering trading in their high-priced traited corn or soybean seed for lower priced non-GMO options. We tapped long-time conventional farmer and Viking/Blue River seed dealer Casey Staloch to share his in-depth knowledge on the subject.

CAN I GET HIGH YIELDS WITHOUT TRAITS?

Viking conventional, non-GMO corn and soybeans had an outstanding year in 2024 FIRST & University trials—and on farms—throughout the nation, reaching 90+ top ten corn finishes (see p. 4) and 90+ top ten soybean finishes (see p. 16). We know that performance on farm is where it really matters. Casey says, “Wanna save \$80/acre without giving up yield? Not only are we competing with the best products available, we’re often beating big-name brands with expensive traits.”



FOCUSED ON PERFORMANCE.

For most corn companies, conventional untraited corn and soybeans are a sideline or an afterthought. At Viking, it's all we do.

All of our breeding, all of our research (172 trials in 13 States), and all of our time and energy is devoted to sourcing and producing the best conventional hybrids and varieties. That focus is paying off for people that plant Viking corn and soybeans. In 2024 we had **over 90 top-ten finishes** in FIRST and University corn trials (see page 4), and **over 90 top-ten finishes** (see page 16) in FIRST and University soybean trials.

Just one example: Viking 30B4 soybeans outyielded all the traited soybeans in the 2024 Ohio State Performance Trials Central Region. It beat 53 E3 and Extend beans. It also came in 3rd in the Central Region of IL (80.8 Bu.), and 3rd in the 2024 IA Central District (full season test).

We understand that your bottom line depends on the performance of the seed you plant. That's why we are focused on performance.

Thank you for your business. Let's get to planting!



Mac Ehrhardt, Chairman Brett Bell, President & CEO



HOW DO I CONTROL WEEDS?

Casey says, "For corn, you just can't spray RoundUp or Liberty. Your pre-emergence program will be just like a normal program. Post-emergence, you can use Impact, Laudis, Callisto, or Accuron. Your fungicide program can be exactly the same, and you can throw in an insecticide. Of course it's always best to consult your local crop protection expert. Ask them about conventional corn and they'll be able to help you with a plan that avoids the usual suspects. For soybeans it's a little bit different and requires some management, but the non-GMO premiums make all of that worthwhile. Pre-emergence: same as usual. Post: First Rate, Flexstar, or Warrant Ultra. What I do is plant my soybeans into rye. Then I do a burn down. This saves me a tillage pass in the spring. I do add a fungicide application just like most of you would. Again, I suggest talking to your crop protection expert. This works really well for me and a lot of my customers."

CAN NON-GMO REALLY BE MORE PROFITABLE?

You've already seen that Viking can compete with or beat the best traited brands out there. But even where the traited seed beat ours, Casey says, "At current prices, your top traited bag of seed corn would have to yield an additional 18+ bu/acre to break even compared to Viking conventional, non-GMO corn."

CAN I GET PREMIUMS ON NON-GMO SEED?

Generally, there are premium marketing opportunities for both non-GMO corn and non-GMO soybeans. Casey says, "I recommend exploring established and emerging markets for corn and soybeans. Soybean premiums are easier to find than those for corn. If food-grade or other non-GMO markets aren't available, you may need to lean on commodity prices to gauge your profitability. With soybeans, there are more opportunities readily available. Cargill for instance has a strong track record of working with growers on Non-GMO contracts."



VIKING NON-GMO SEED CORN

PAY FOR YIELD. NOT TRAITS.

For many seed companies, non-traited corn and soybean seed is an afterthought or a sideline. With Viking, it's simply all we do. Viking is 100% focused on sourcing, evaluating, and producing the strongest conventional non-GMO hybrids and varieties available. We compete with and often outperform the best traited corn out there. It's performance combined with fair pricing and a straightforward approach that all adds up to providing farmers a higher return on investment on every acre.

Growing for a non-GMO contract? Several of our hybrids are available with a purity guarantee. Look for the PURE or ULTRAPURE label within the product descriptions. Viking hybrids without one of these labels are not tested for GMO and therefore have no purity guarantee. See page 15 for more information on seed purity.



ALL YIELD. ALL THE TIME.

Here are just a few of our **90+ Top 10 finishes** for corn in 2024. Visit alsoed.com/top10corn2024 to see full results.



HYBRID*	RANK	YIELD	% MOIST	TRIAL	LOCATION
Viking 75-07	1	283.1	17.5	FIRST IANC	Greene, IA
Viking 76-11	1	255.0	15.4	ISU Central District Full	IA Summary
Viking 75-07	1	315.0		UW Southern Zone	Arlington, WI
Viking 75-07	1	300.0	20.9	OSU Northeast Early	Columbiana, OH
Viking 72-06	2	257.6	18.7	ISU North District Full	Oelwein, IA
Viking 85-09	2	231.0	18.0	U of M Southern Zone	MN Summary
Viking 73-97	2	269.0		UW North Central Zone	Marshfield, WI
Viking 76-11	3	306.9	18.6	FIRST IANW	Albert City, IA
Viking 76-11	3	299.7	16.6	Missouri North Region	Canton, MO
Viking 73-97	3	255.0	20.7	UW North Central Zone	WI Summary
Viking 78-13	4	252.1	18.2	ISU Central District Full	IA Summary

*Viking brand non-GMO hybrids may appear as Viking or Viking/Blue River in conventional trials.



VIKING 99-79

79-DAY CRM

VIGOR, TEST WEIGHT, PERFORMANCE

- Excellent emergence and early vigor for fast canopy
- Proven field-tested genetics
- Excellent dual-purpose utility in zone
- Slower drying dense grain with high test weight
- Best performance in zone and north

DRYDOWN	6	
EMERGENCE	8	
STALK STRENGTH	7	
ROOT STRENGTH	7	
CORN-ON-CORN	8	

VIKING 77-83

83-DAY CRM

YIELD PUNCH WITH SOUTHERLY MOVEMENT

- Showy hybrid with good ear flex
- Great agronomics, including strong stalks and roots
- Widely adapted east to west, with strong southern movement
- Outstanding disease tolerance and season-long plant health

DRYDOWN	8	
EMERGENCE	8	
STALK STRENGTH	7	
ROOT STRENGTH	8	
CORN-ON-CORN	7	

VIKING 72-85

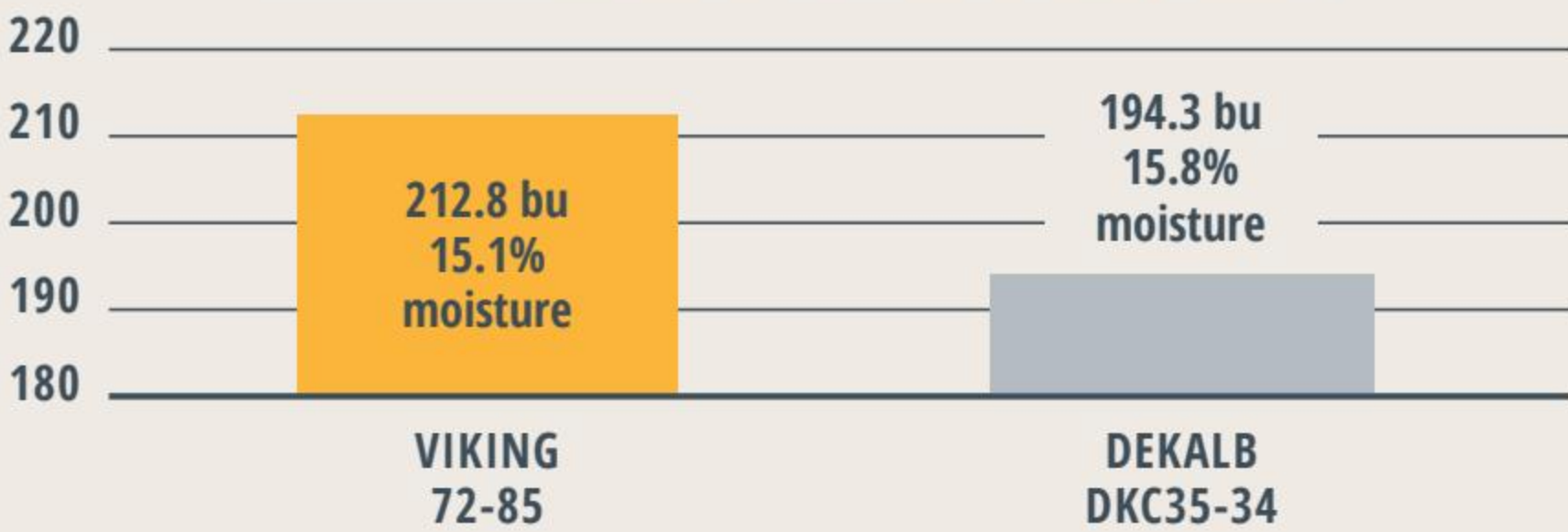
85-DAY CRM

STRONG HEALTH & AGRONOMICS

- Excellent yield potential across locations with ability to plant south of zone as an early or replant hybrid
- Strong disease resistance to Gray Leaf, Goss's Wilt, and NCLB
- Season-long plant health, with strong stalks and roots
- Semi-flex ear with very good drydown
- Good dual-purpose option in zone for grain or silage

DRYDOWN	8	
EMERGENCE	8	
STALK STRENGTH	8	
ROOT STRENGTH	8	
CORN-ON-CORN	8	

YIELD COMPARISONS (12 LOCATIONS, 2024)



Farmer Ed Iverson with Viking product manager Jake Hansen

I pretty much plant 100% Viking now. No gimmicks, just high-performing hybrids and solid customer service.

ED IVERSON
LAMBERTON, MN



VIKING NON-GMO SEED CORN

NEW

VIKING 48-90

90-DAY CRM

WIDELY ADAPTED, BIG YIELDS

- Exciting new hybrid with strong yields across environments
- Robust, healthy plant with good disease tolerance
- Strong stalks and roots
- Good ear flex and fast drydown
- Could dual-purpose as an early silage option

DRYDOWN	8
EMERGENCE	8
STALK STRENGTH	8
ROOT STRENGTH	8
CORN-ON-CORN	7



VIKING 42-92

92-DAY CRM

PROVEN PERFORMANCE FOR GRAIN OR SILAGE

- Many years of outstanding performance in yield trials and on farms
- Impressive yield across varying soil types, populations, and environmental conditions
- Strong stalks and roots enable harvest flexibility
- Excellent seedling vigor, with strong stalks and roots
- Excellent dual-purpose hybrid with good southern adaptation

GROWING FOR A NON-GMO CONTRACT?
THIS HYBRID IS ALSO AVAILABLE 99.0% GMO-FREE.

PURE
99% GMO-FREE

DRYDOWN	7
EMERGENCE	8
STALK STRENGTH	8
ROOT STRENGTH	8
CORN-ON-CORN	7

Corn harvest at Daniel and Sara Kuhfuss’s farm near Markesan, WI.



VIKING 51-95

95-DAY CRM

OUR BEST-SELLING HYBRID

- Shorter hybrid with excellent stalk and root strength
- Excellent drought and high pH tolerance
- Widely adapted across SD, MN, WI, northern IA, and MI
- Best yield performance at medium to high populations
- Customers report this is a fine choice for hand-picking

DRYDOWN	8
EMERGENCE	7
STALK STRENGTH	8
ROOT STRENGTH	9
CORN-ON-CORN	8

NOTES:

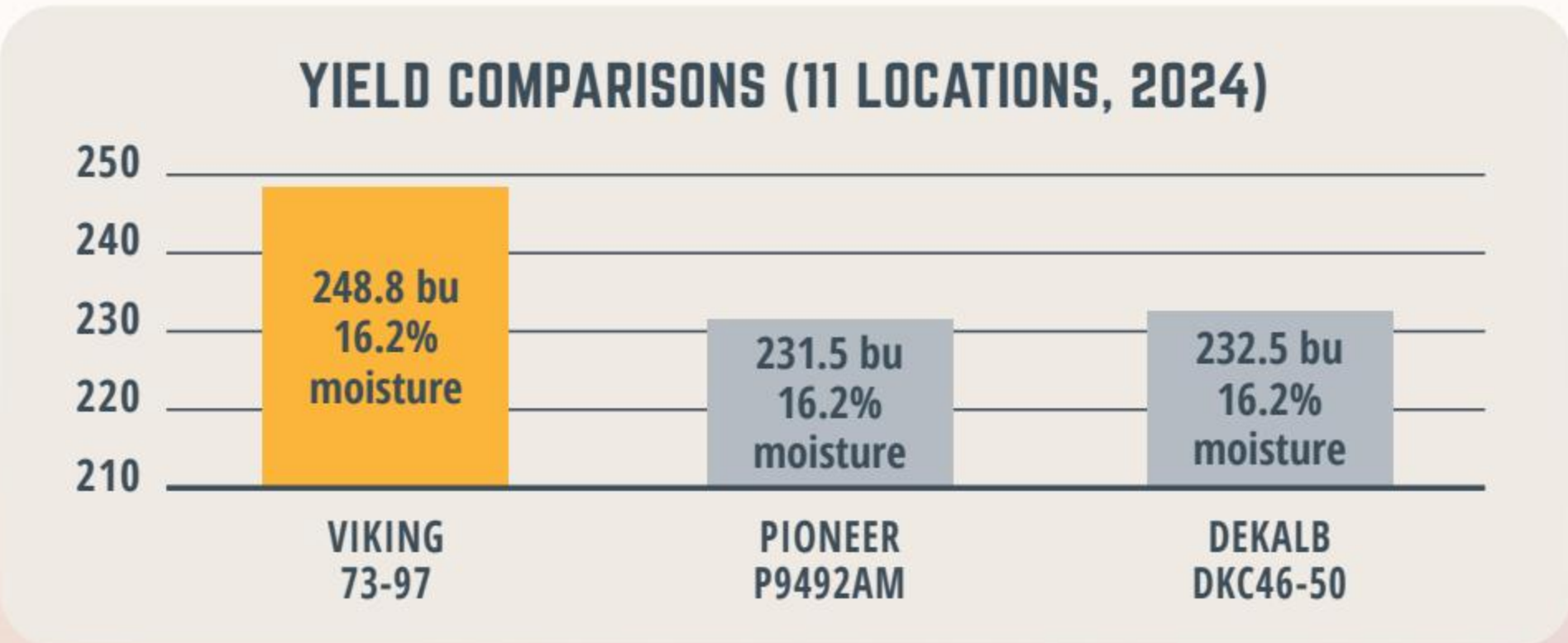
VIKING 73-97

97-DAY CRM

MORE BUSHEL FOR THE BIN

- Topped our early-maturity yield trials in 2023 & 2024
- Strong agronomics with a full flex ear and fast drydown
- Outstanding disease tolerance and overall plant health
- Excellent stalk integrity allows for a wide harvest window
- Fast out of the ground and strong early vigor, leading to faster canopy cover

DRYDOWN	7
EMERGENCE	8
STALK STRENGTH	8
ROOT STRENGTH	7
CORN-ON-CORN	7



VIKING NON-GMO SEED CORN

VIKING 44-9898-DAY CRM

STRONG PERFORMANCE YEAR AFTER YEAR

- Great drought tolerance with excellent stalk and root strength
- Girthy, semi-flex ear with good drydown
- Widely adapted across the northern Corn Belt at higher populations
- Watch out on fields with a history of Goss’s Wilt or poorly drained soils

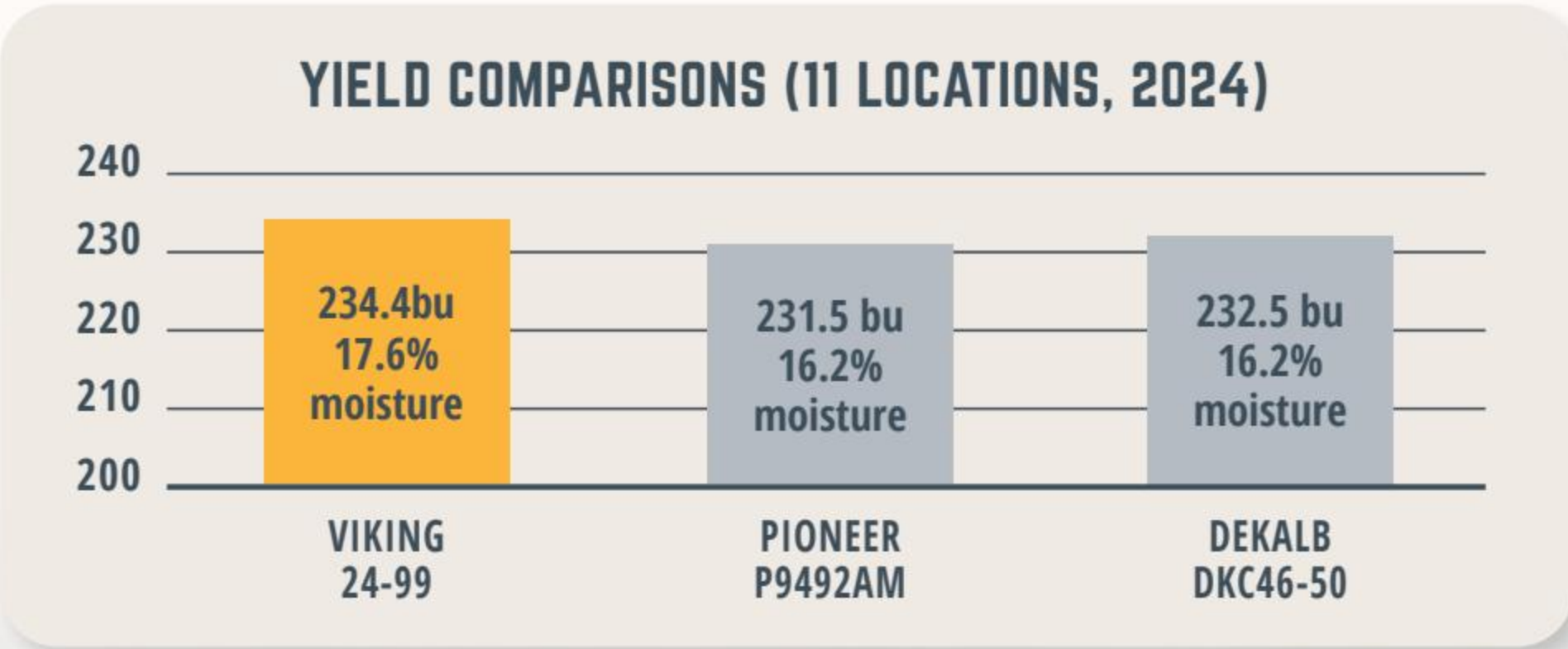
DRYDOWN	8
EMERGENCE	8
STALK STRENGTH	8
ROOT STRENGTH	8
CORN-ON-CORN	7

VIKING 24-9999-DAY CRM

HELPING TO BATTLE TAR SPOT

- Strong, consistent performance across all locations
- Outstanding disease resistance to NCLB, Goss’s Wilt, Gray Leaf Spot, and Tar Spot
- Fast emergence and strong early vigor
- Excellent agronomics, including strong stalks and roots
- Only watch-out is for light ground with no irrigation

DRYDOWN	6
EMERGENCE	8
STALK STRENGTH	8
ROOT STRENGTH	8
CORN-ON-CORN	8



Ty Larson, Albert Lea Seed Sales Agronomist, and Brett Bell, Albert Lea Seed President and CEO observing our show plot in Ames, Iowa.



VIKING 46-02102-DAY CRM

STILL GOING STRONG

- Excellent yield potential across wide range of environments
- Consistently competes against top traited products
- Great agronomics, including strong stalks and roots
- Medium-tall plant with excellent overall plant health
- Strongly adapted in-zone and north as full season hybrid

GROWING FOR A NON-GMO CONTRACT?
THIS HYBRID IS ALSO AVAILABLE 99.0% GMO-FREE.

PURE
99% GMO-FREE

DRYDOWN	7	
EMERGENCE	8	
STALK STRENGTH	8	
ROOT STRENGTH	8	
CORN-ON-CORN	7	

VIKING FODDER 04104-DAY CRM

GREAT SILAGE, GREAT PRICE

- Earlier maturity hybrid for strong silage or grain performance
- Strong emergence and overall plant vigor
- Excellent stalks and plant health
- Widely adapted, with good north-south movement
- Best performance under high fertility and well-drained soils

DRYDOWN	8	
EMERGENCE	8	
STALK STRENGTH	8	
ROOT STRENGTH	8	
CORN-ON-CORN	8	

VIKING 84-04104-DAY CRM

OUTSTANDING PERFORMANCE AND GRAIN QUALITY

- Excellent yields of high-quality grain
- Exhibits a girthy, semi-flex ear with high test weight grain
- Good plant health; High tolerance to Goss’s wilt and tar spot
- Medium-tall hybrid with strong stalk and roots
- Best positioned in the central Corn Belt and east on medium-heavy soils

GROWING FOR A NON-GMO CONTRACT?
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PURE
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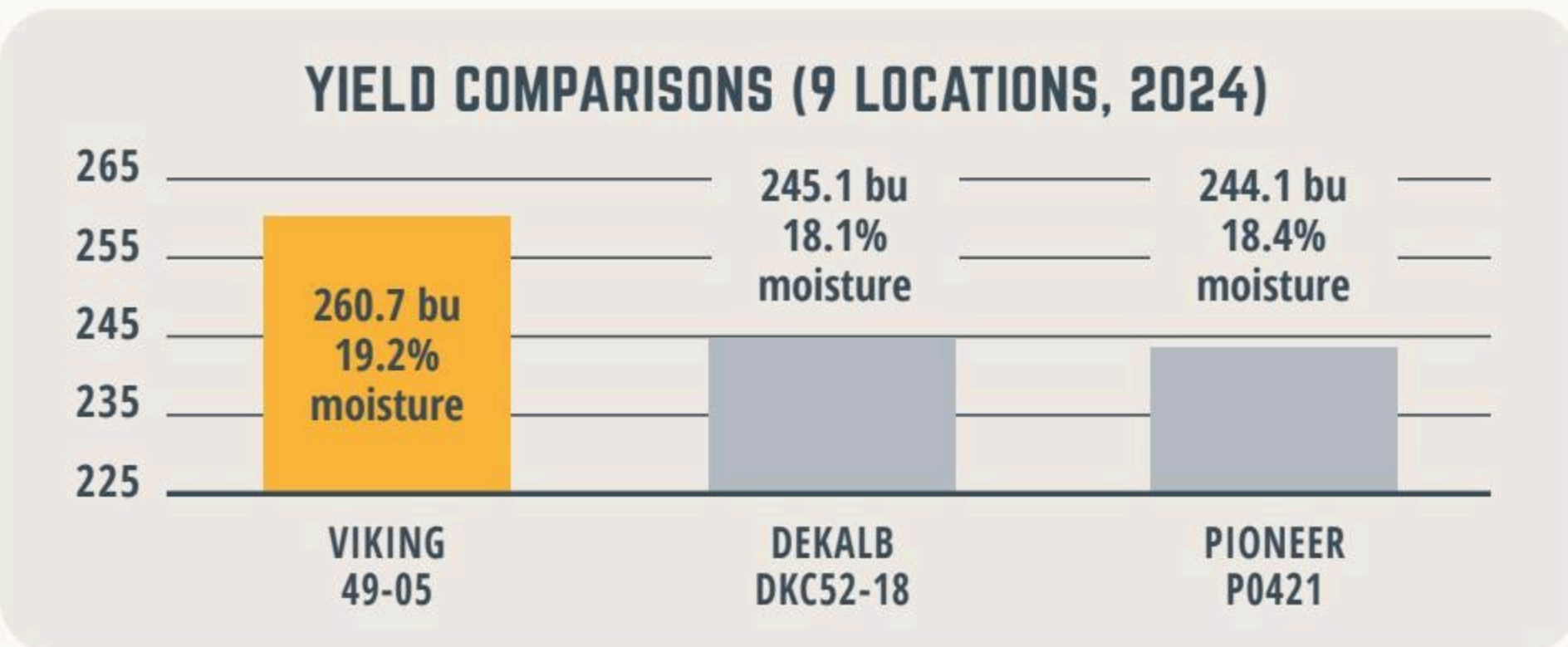
DRYDOWN	7	
EMERGENCE	7	
STALK STRENGTH	8	
ROOT STRENGTH	7	
CORN-ON-CORN	8	

NEW VIKING 49-05105-DAY CRM

JUST PLANT IT

- #1 hybrid tested in 2024 in our ALSH trials, 260 bu. average across seven states
- Strong emergence and early vigor
- Widely adapted across environments and soil types
- Very good stress, drought, and disease tolerance
- Could use as a dual-purpose in zone and north

DRYDOWN	8	
EMERGENCE	8	
STALK STRENGTH	8	
ROOT STRENGTH	7	
CORN-ON-CORN	8	



VIKING 72-06106-DAY CRM

1ST PLACE, 231 BUSHELS, 2024 MANKATO, MN FIRST TRIAL

- Outstanding yield performance across multiple locations
- Excellent tolerance to Tar Spot, Goss’s Wilt, and NCLB
- Widely adapted east to west and moving north
- Strong agronomics, staygreen, and late season intactness
- Best kept on well-drained soils

DRYDOWN	6	
EMERGENCE	8	
STALK STRENGTH	8	
ROOT STRENGTH	8	
CORN-ON-CORN	8	

“Our 68-acre field of 72-06 was the best dry yield average we have ever had at 277 bu. The 136-acre field made 264 bu.

FARMER IN MASON CITY, IA



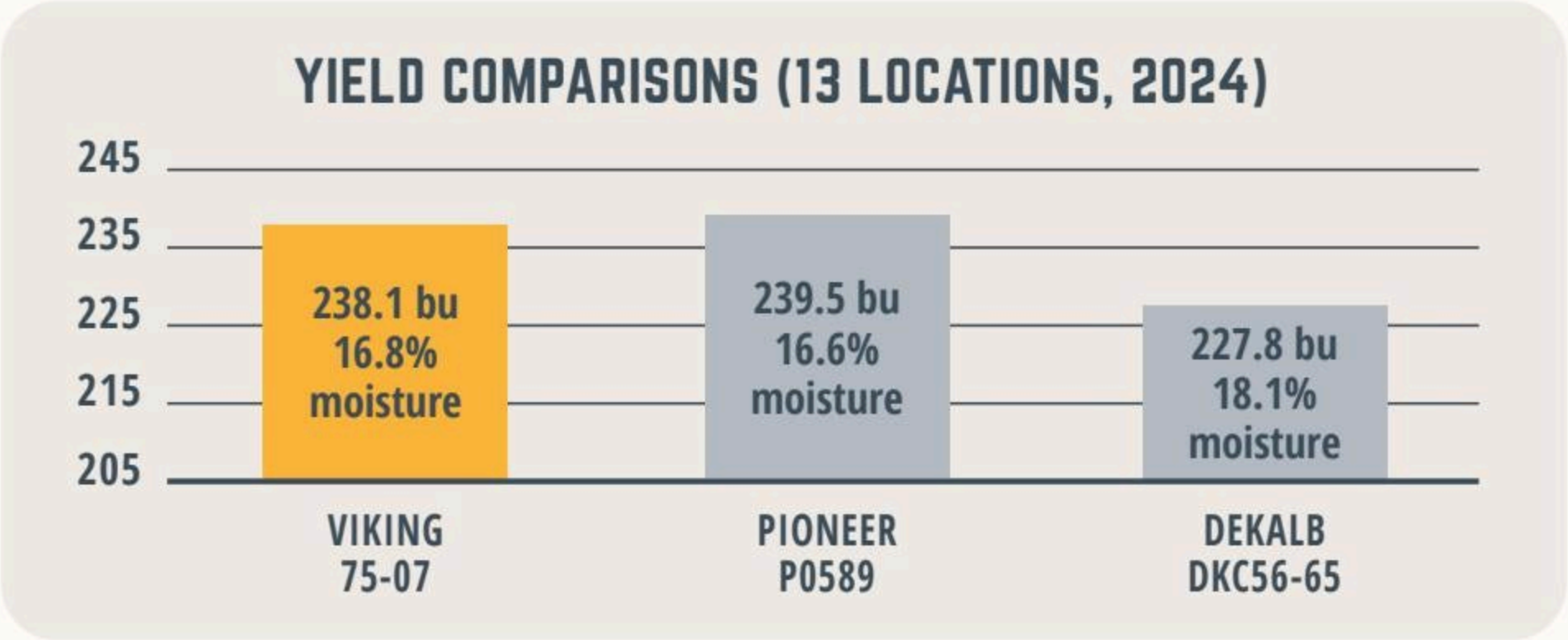
VIKING NON-GMO SEED CORN

VIKING 75-07107-DAY CRM

TOMORROW’S HYBRID, HERE TODAY

- Next-level yield performance
- Outstanding plant health and overall agronomics
- High tolerance to yield-robbing diseases including Tar Spot, Northern corn leaf blight, and Goss’s wilt
- Strong out of the ground, leading to excellent root and stalk strength
- Widely adapted east-west, north-south

DRYDOWN	7
EMERGENCE	8
STALK STRENGTH	8
ROOT STRENGTH	8
CORN-ON-CORN	8



FEATURED HYBRID: 75-07P				
HOW IT PERFORMED IN 2024 TRIALS				
RANK	YIELD	MOIST	TRIAL	LOCATION
1	283.1	17.5	FIRST IANC	Greene, IA
1	315.0		UW S. Zone	Arlington, WI
1	300.0	20.9	OSU N.E. Early	Columbiana, OH
2	270.6	21.1	OSU N.E. Early	Summary
2	245.0	17.5	OSU N.W. Early	Upper Sandusky, OH
3	241.3	21.3	OSU N.E. Early	Bucyrus, OH
4	217.1	23.8	FIRST SDSE	Trent, MN
4	295.9	17.5	FIRST IANC	Waterloo, IA
4	267.2	17.8	FIRST IANC	Summary
5	262.7	14.6	FIRST IANW	Paullina, IA
5	238.0		U of M S. Zone	Lamberton, MN
5	249.3	15.8	OSU N.W. Early	Van Wert, OH

VIKING 85-09109-DAY CRM

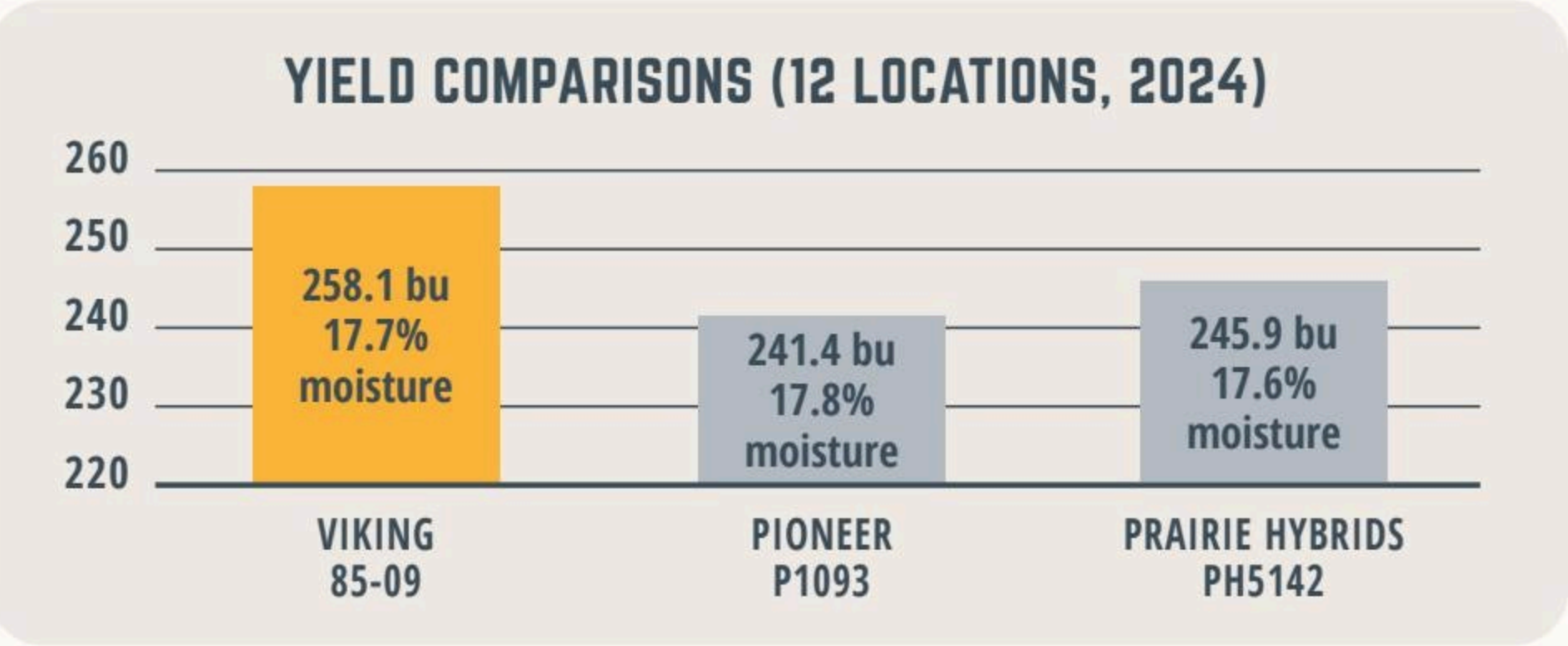
YIELD + GRAIN QUALITY

- Strong yield performance and excellent grain quality
- Widely adapted hybrid east to west
- Excellent disease tolerance to Goss’s Wilt, NCLB, and GLS
- Strong stalks, with very good late season intactness
- Semi-flex ear, with high test weight grain

GROWING FOR A NON-GMO CONTRACT?
THIS HYBRID IS ALSO AVAILABLE 99.0% GMO-FREE.

PURE
99% GMO-FREE

DRYDOWN	6
EMERGENCE	8
STALK STRENGTH	8
ROOT STRENGTH	7
CORN-ON-CORN	8



VIKING FODDER 5111-DAY CRM

EXCELLENT DUAL-PURPOSE HYBRID

- Tall hybrid with very strong roots and stalks
- Excellent overall plant health and late-season intactness
- Allows for a wide harvest window for silage or earlage
- Long flex ear type, very good silage results for tonnage and quality

DRYDOWN	ID*
EMERGENCE	7
STALK STRENGTH	8
ROOT STRENGTH	7
CORN-ON-CORN	8

*ID=Insufficient Data



VIKING 76-11

111-DAY CRM

THE WAIT IS OVER

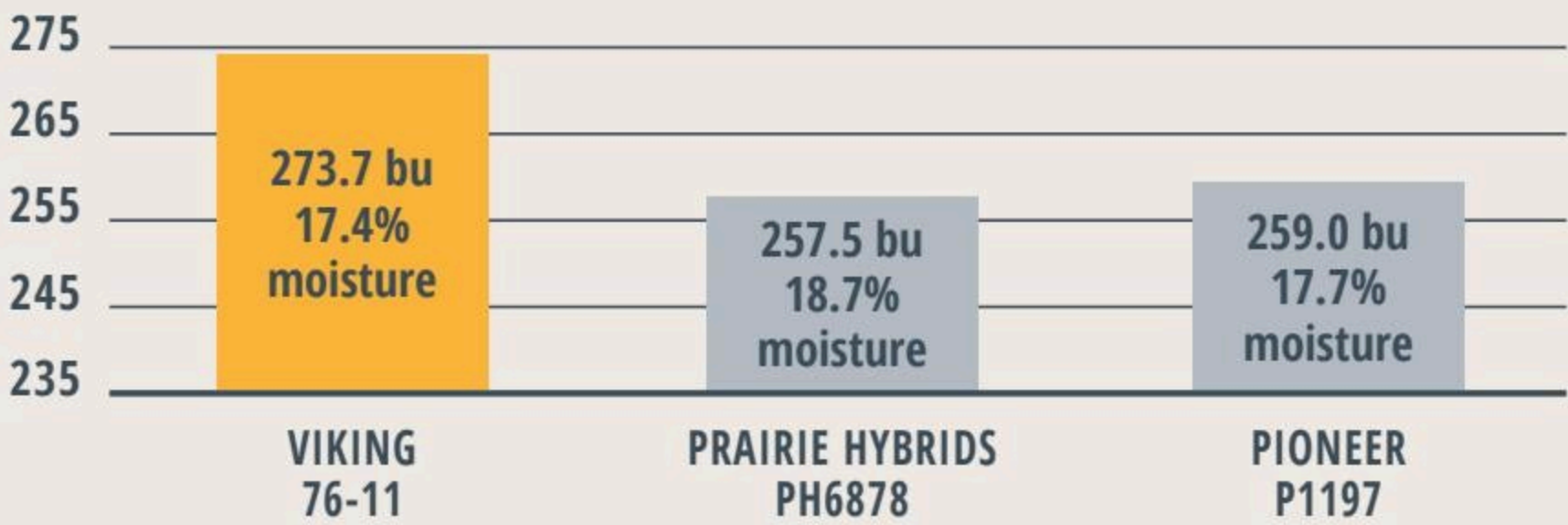
- Very strong top-end yield potential
- Adapted east to west, with strong performance in-zone and south
- Excellent emergence and overall agronomics
- Healthy hybrid with good tolerance to Goss's wilt and Tar Spot
- Best performance on medium to heavy soils or under irrigation

GROWING FOR A NON-GMO CONTRACT?
THIS HYBRID IS ALSO AVAILABLE 99.0% GMO-FREE.

PURE
99% GMO-FREE

DRYDOWN	8
EMERGENCE	8
STALK STRENGTH	9
ROOT STRENGTH	8
CORN-ON-CORN	8

YIELD COMPARISONS (12 LOCATIONS, 2024)



VIKING 78-13

113-DAY CRM

BEST-IN-CLASS YIELDS

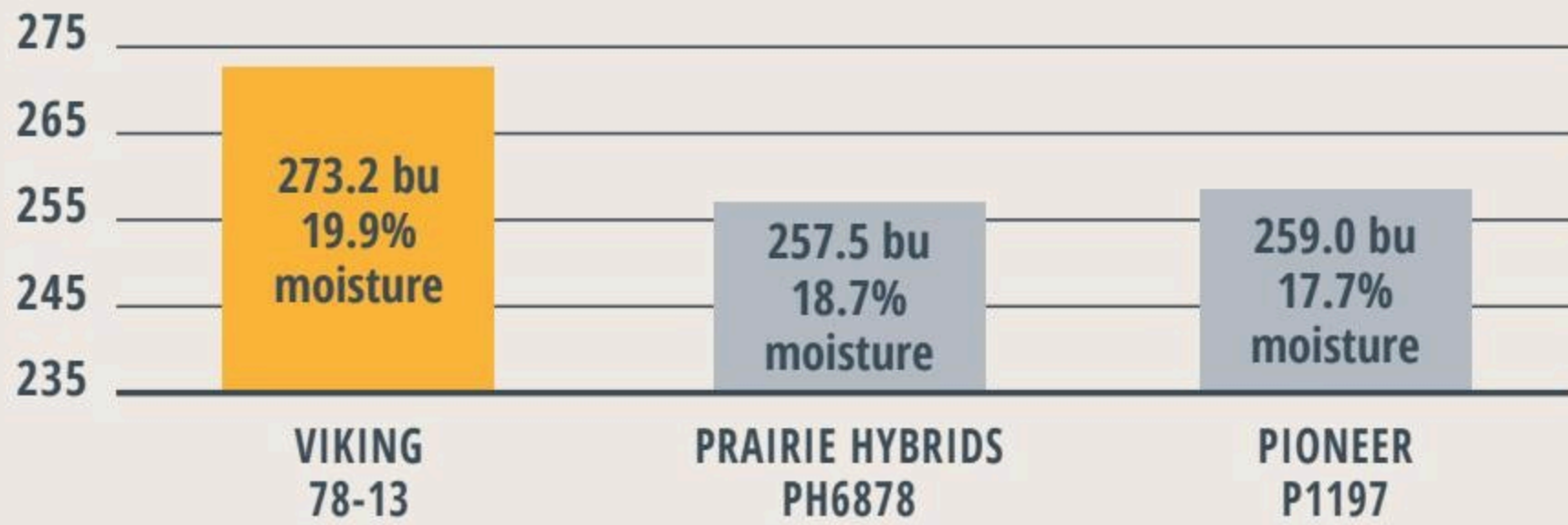
- #1 average yielding hybrid in Albert Lea Seed Trials for 2023-24
- Above average disease tolerance to Tar Spot, NCLB and GLS
- Strong seedling vigor and early growth
- Excellent stalk strength carrying into the fall
- Semi-flex ear with good drydown and above average test weight

GROWING FOR A NON-GMO CONTRACT?
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PURE
99% GMO-FREE

DRYDOWN	7
EMERGENCE	7
STALK STRENGTH	9
ROOT STRENGTH	8
CORN-ON-CORN	8

YIELD COMPARISONS (12 LOCATIONS, 2024)



FEATURED HYBRID: 76-11P

HOW IT PERFORMED IN 2024 TRIALS

RANK	YIELD	MOIST	TRIAL	LOCATION
1	246.7	16.6	ISU S. Dist. Early	Milo, IA
1	225.5	14.5	ISU C. Dist. Full	Ames, IA
1	203.3	13.4	ISU S. Dist. Early	Crawfordsville, IA
1	255	15.4	ISU C. Dist. Full	IA Summary
1	275		UW S. Zone	Janesville, WI
2	300	19.7	FIRST IANC	Waterloo, IA
3	299.7	16.6	MO N. Region	Canton, MO
3	306.9	18.6	FIRST IANW	Albert City, IA
4	293.3	17	FIRST IANW	Lu Verne, IA
4	282	24.4	UW S. Zone	WI Summary



Just harvested some of my corn and I am sure going to want some of that 75-07 in my field next year! I only had a test plot bag but end to end on that bag according to the monitor was 293. Field average was 222.

FARMER IN KOKOMO, IN

SAVE BIG ON CLOSEOUT CORN. SEE PAGE. 14.



VIKING NON-GMO SEED CORN

		GENERAL INFO				AGRONOMIC INFO				
HYBRID	CRM	GDU'S TO BLACK LAYER	PLANTING POP.	HIGH POP. TOL.	EAR TYPE	EMERGENCE	ROOT STRENGTH	FALL STALK STRENGTH	PLANT HEIGHT	TEST WEIGHT
Viking 99-79	79	1940	28-36K	7	Semi-Flex	8	7	7	8	8
Viking 77-83	83	2100	28-36K	7	Flex	8	8	7	7	7
Viking 72-85	85	2180	30-36K	8	Semi-Flex	8	8	8	8	7
Viking 48-90 NEW	90	2250	30-36K	9	Semi-Flex	8	8	8	7	8
Viking 42-92	92	2260	28-36K	9	Semi-Flex	8	8	8	8	8
Viking 51-95	95	2350	30-36K	8	Semi-Fix	7	9	8	6	8
Viking 73-97	97	2390	28-36K	8	Flex	8	7	8	8	7
Viking 44-98	98	2430	30-36K	8	Semi-Flex	8	8	8	7	7
Viking 24-99	99	2450	28-36K	8	Semi-Fix	8	8	8	8	7
Viking 46-02	102	2530	30-36K	8	Semi-Flex	8	8	8	8	7
Viking Fodder 04	104	2540	28-36K	8	Semi-Fix	8	8	8	8	8
Viking 84-04	104	2575	26-36K	8	Semi-Flex	7	7	8	8	8
Viking 49-05 NEW	105	2580	26-36K	8	Semi-Flex	8	7	8	7	7
Viking 72-06	106	2600	28-36K	8	Semi-Flex	8	8	8	8	6
Viking 75-07	107	2610	28-36K	8	Semi-Flex	8	8	8	8	8
Viking 85-09	109	2620	28-36K	8	Semi-Flex	8	7	8	8	9
Viking Fodder 5	110	2700	26-34K	7	Flex	7	7	8	9	7
Viking 76-11	111	2790	28-36K	8	Semi-Flex	8	8	9	7	7
Viking 78-13	113	2810	30-36K	9	Semi-Flex	7	8	9	8	8





			PLANT HEALTH & DISEASE TOLERANCE							
DRYDOWN	CORN ON CORN	SILAGE POTENTIAL	DROUGHT	NCLB	GOSS'S WILT	TAR SPOT	GRAY LEAF SPOT	COMMON RUST	GREEN SNAP	HYBRID
6	8	8	7	7	7	ID	7	7	7	Viking 99-79
8	7	7	8	7	8	ID	8	7	7	Viking 77-83
8	8	8	8	7	7	ID	7	7	7	Viking 72-85
8	7	8	8	8	8	7	8	7	7	Viking 48-90 NEW
7	7	9	8	8	7	ID	7	8	8	Viking 42-92
8	8	6	8	7	8	6	ID	8	9	Viking 51-95
7	7	8	7	8	8	7	7	7	8	Viking 73-97
8	7	7	7	8	6	7	7	7	8	Viking 44-98
6	8	8	7	8	9	8	8	7	8	Viking 24-99
7	7	7	8	8	8	7	7	8	8	Viking 46-02
8	8	9	7	8	8	7	7	ID	7	Viking Fodder 04
7	8	8	7	8	9	8	8	7	8	Viking 84-04
8	8	8	8	8	9	8	7	7	8	Viking 49-05 NEW
6	8	7	8	8	8	8	7	7	8	Viking 72-06
7	8	8	7	8	8	8	7	8	8	Viking 75-07
6	8	8	7	8	7	7	9	7	8	Viking 85-09
ID	8	9	ID	8	8	7	7	ID	ID	Viking Fodder 5
8	8	8	7	7	8	7	8	7	8	Viking 76-11
7	8	8	8	8	7	7	8	8	8	Viking 78-13

High Population Tolerance, Agronomic Info, Plant Health & Disease Tolerance: 10 = best, 1 = poorest, ID = Insufficient Data



LOOKING FOR ROUND-UP READY SEED?

We no longer carry any traited seed. Please contact:

- **Corn:** Anderson Seed in St. Peter, MN — 507.246.5032
- **Soybeans:** Epley Brothers in Shell Rock, IA — 319.885.6293

CLOSEOUT CORN

SAVE ON HYBRIDS

that are being discontinued and on certain lots of our most popular hybrids that contain extra-large or extra-small seed.

HYBRID	CRM	GDU'S TO BL	PLANT POP/ACRE	# OF BAGS	BAG WT.	SIZE	PRICE
Viking 68-86	86	2190	28-34K	100+	39-46#	SF, MF, MR	\$140
Viking 80-89	89	2200	28-34K	100+	45-63#	Various	\$140
Viking 88-94W	94	2340	26-34K	78	43-49#	MF	\$140
Viking 51-95	95	2350	30-36K	100+	32-35#	SF	\$140
Viking 52-96	96	2370	30-36K	100+	Various	Various	\$140
Viking 46-96	96	2370	28-36K	79	39#	SF	\$140
Viking 99-00	100	2500	28-36K	100+	49-55#	MF, MR, LR	\$140
Viking 52-00	100	2500	28-36K	100	40-49#	MF, MR	\$140
Viking 55-02	102	2470	28-36K	6	45	MR	\$140
Viking 51-04	104	2540	28-36K	16	65#	LR	\$140
Viking 84-05	105	2580	28-36K	90	41-55#	SF, MF	\$140
Viking 58-11	111	2620	28-36K	12	62#	LR	\$140

No returns: all sales are final. Germination tested January 2026 with minimum of 93% warm, 85% cold.

SEED TREATMENTS FOR CORN

Nearly all of our conventional corn is treated with CruiserMaxx for Corn as well as two very effective biologicals.

SeedMaxx®

SEEDMAXX®

- Blend of carbohydrates, plant nutrients, enzymes, and plant and soil stimulants
- Helps overcome stresses during germination, emergence, and early plant growth
- Enhances biological activity and increase yields

SabrEx®
ROOT INOCULANT for CORN

SABREX® FOR CORN

- Produces larger roots, improving nitrogen & water use efficiency
- 10.4 bu/ac trial average over untreated (NDSU, 3 locations, 4 replications)
- Proprietary mixture of Trichoderma mycorrhizal fungi
- Improves stress resistance

CruiserMaxx®
Corn 250

CRUISERMAXX® CORN 250

- Early-season protection from wireworms, black cutworms, and seed corn maggots
- Broad-spectrum protection from seed-borne and soilborne fungal damping-off diseases
- Increased plant stand, uniformity, vigor, and yield

GROWING CORN OR SOYBEANS FOR A NON-GMO CONTRACT?

Ask for Viking Seed with the PURE or ULTRAPURE label.

Viking seed corn without one of these two labels is not tested for the presence of GMO and has no non-GMO purity guarantee.



99.9%
GMO-FREE, GUARANTEED



99.0%
GMO-FREE, GUARANTEED

Look for labels on relevant corn hybrids and soybean varieties. Order early to ensure availability.

We cannot guarantee the genetic purity of grain produced from any seed sold in this catalog.

FIND A DEALER

ALSEED.COM/VIKING | 800.352.5247



VIKING NON-GMO SOYBEAN SEED

JUST
THE
BEST
BEANS.

Through extensive testing and rigorous evaluation and section criteria, Viking provides farmers with regionally adapted soybeans that deliver high-yielding results. Viking Non-GMO soybeans compete with and often beat E3 and Xtend varieties. Add a \$1.00-\$1.50 bu. premium for non-GMO soybeans. It all adds up to a better return on every soybean acre.

PERFORMANCE. VALUE. SIMPLICITY.



NO TRAITS. JUST YIELD.

Here are just a few of our **90+ Top 10 finishes** in 2024 for soybeans. Visit alseed.com/top10soybeans2024 to see full results.



VARIETY/BRAND*	RANK	YIELD	TRIAL	LOCATION
Viking 1223N	1	72.9	FIRST MNCECV	Glencoe, MN
Viking 1223N	1	65.1	SDSU Trials Early	Brookings, SD
Viking 2022N	1	62.0	SDSU Trials Full	Brookings, SD
Viking 0821N	1	65.5	UMN North General	Crookston, MN
Viking 2022N	2	72.4	ISU North District Early	Marble Rock, IA
Viking 1223N	2	62.6	SDSU Trials	South Shore, SD
Viking 2022N	2	86.0	UW South Conv.	Platteville, WI
Viking 27B4	2	70.0	UIL Region 1 Late	Freeport, IL
Viking 2022N	3	80.0	UW South Conv.	WI Summary
Viking IAS19C3	4	70.6	FIRST MNSOCV	Nerstrand, MN

*Viking brand non-GMO soybeans may appear as Viking or Viking/Blue River in conventional trials.



VIKING 0821N[†]

0.8 RM

HIGH YIELDS, GREAT SOUTHERN MOVEMENT

PURE

140,000 SEEDS PER UNIT

99% GMO-FREE

- Out-yielding many traited products
- Tall, bushy plant that keeps its height moving south of zone
- Great emergence and standability
- Good cyst bean with strong IDC tolerance

STANDABILITY	7	
SDS TOLERANCE	ID*	
BSR RESISTANCE	6	
SCN TOLERANCE	7	
IRON CHLOR. TOLERANCE	7	
WHITE MOLD TOLERANCE	ID*	

VIKING 1223N[†]

1.2 RM

BROAD ADAPTABILITY

PURE

140,000 SEEDS PER UNIT

99% GMO-FREE

- Outstanding yield performance in our trials in 2021-24
- Great southern movement as an early maturity or replant
- Good branching ability to close wide rows
- Excellent plant health and standability

STANDABILITY	7	
SDS TOLERANCE	ID*	
BSR RESISTANCE	6	
SCN TOLERANCE	7	
IRON CHLOR. TOLERANCE	7	
WHITE MOLD TOLERANCE	6	

*ID=Insufficient Data

[†]Denotes brand (variety not stated)



Field of conventional soybeans near Malta, Illinois.



VIKING NON-GMO SOYBEAN SEED

VIKING 15B5[†]

1.5 RM

CYST TOLERANCE WITH YIELD
140,000 SEEDS PER UNIT

PURE
99% GMO-FREE

- Direct replacement to the Viking 1518N, with a 4 bu. advantage
- Strong emergence leading to a medium-bushy plant
- Excellent overall stress tolerance
- Good tolerance to Phytophthora, IDC, and White Mold
- Peking gene for excellent cyst nematode tolerance

STANDABILITY	7	
SDS TOLERANCE	7	
BSR RESISTANCE	6	
SCN TOLERANCE		9
IRON CHLOR. TOLERANCE	8	
WHITE MOLD TOLERANCE	7	

*ID=Insufficient Data
†Denotes brand (variety not stated)

VIKING 1700N[†]

1.7 RM

YELLOW HILUM, GREAT PROTEIN, GREAT YIELDS
110,000 SEEDS PER UNIT

ULTRAPURE
99.9% GMO-FREE

- Protein usually above 42%
- Good standing, medium-bushy plant
- Cyst nematode protection (PI88788)

STANDABILITY	7	
SDS TOLERANCE	7	
BSR RESISTANCE	ID*	
SCN TOLERANCE	7	
IRON CHLOR. TOLERANCE	6	
WHITE MOLD TOLERANCE	ID*	



Viking conventional Non-GMO research team planting trials in Kelly, Iowa

1.5-2.1 RM VARIETIES



NEW VIKING 17B6[†]

1.7 RM

CHART-TOPPING YIELD WITH DEFENSE

140,000 SEEDS PER UNIT

PURE
99% GMO-FREE

- Outstanding yield levels across environments
- Peking gene for excellent cyst nematode tolerance
- A healthy plant with good height and standability
- Strong disease tolerance to SDS, BSR, IDC, and PRR
- Direct replacement for Viking 1718N

STANDABILITY	7	
SDS TOLERANCE	7	
BSR RESISTANCE	8	
SCN TOLERANCE	9	
IRON CHLOR. TOLERANCE	8	
WHITE MOLD TOLERANCE	ID*	

VIKING 2022N[†]

2.0 RM

STRONG SOYBEAN = HIGH YIELDS

140,000 SEEDS PER UNIT

PURE
99% GMO-FREE

- Medium-tall, medium-bushy plant
- Good stress and disease tolerance, including PRR, SDS, SWM, and IDC
- Excellent emergence and standability
- #1 for yield in 2024 ALSH research trials

STANDABILITY	7	
SDS TOLERANCE	7	
BSR RESISTANCE	6	
SCN TOLERANCE	7	
IRON CHLOR. TOLERANCE	6	
WHITE MOLD TOLERANCE	6	

IAS19C3^{**}

2.1 RM

YELLOW HILUM, FOOD GRADE

110,000 SEEDS PER UNIT

ULTRAPURE
99.9% GMO-FREE

- Strong emergence and early growth
- Excellent standability all season long
- Outstanding yield performance, competing with some of the best genetics on the market
- 41.1% protein in our 2023 testing
- License required before seed delivery

STANDABILITY	8	
SDS TOLERANCE	7	
BSR RESISTANCE	ID*	
SCN TOLERANCE	7	
IRON CHLOR. TOLERANCE	6	
WHITE MOLD TOLERANCE	7	

VIKING 2155N[†]

2.1 RM

A TOP-SELLER YEAR-AFTER-YEAR

140,000 SEEDS PER UNIT

PURE
99% GMO-FREE

- Impressive yield potential
- Good defensive package, with great tolerance to IDC, PRR, and BSR
- Has matured similar to a 2.2-2.3 RM
- Well adapted to SD, IA, MN, WI, and northern NE

STANDABILITY	7	
SDS TOLERANCE	8	
BSR RESISTANCE	8	
SCN TOLERANCE	7	
IRON CHLOR. TOLERANCE	7	
WHITE MOLD TOLERANCE	7	

FEATURED VARIETY: 2022N

HOW IT PERFORMED IN 2024 TRIALS

RANK	YIELD	TRIAL	LOCATION
1	62	SDSU Trials Full	Brookings, SD
2	72.4	ISU N. Dist. Early	Marble Rock, IA
2	86	UW S. Conv.	Platteville, WI
3	80	UW S. Conv.	Summary
4	50.7	UMN S. General	Sleepy Eye, MN
5	58	ISU N. Dist. Early	Oelwein, IA

****LICENSE REQUIRED** — IAS19C3, IA3054RA12:

These varieties originate from germplasm that is intellectual property of Iowa State University and requires the seed purchaser to sign a license agreement. Seeds must be used for the sole purpose of producing a single crop and not saved for replanting.



VIKING NON-GMO SOYBEAN SEED

VIKING 23B5[†]

2.3 RM

YIELD BUMP + STRESS TOLERANCE + PEKING

140,000 SEEDS PER UNIT

PURE

99% GMO-FREE

- Outstanding cyst nematode protection
- Tall, medium-bushy plant with excellent stress tolerance
- Strong disease tolerance to PRR, SWM, IDC, and SDS
- Widely adapted with very strong western movement onto light soils

STANDABILITY	7	
SDS TOLERANCE	7	
BSR RESISTANCE	6	
SCN TOLERANCE		9
IRON CHLOR. TOLERANCE	7	
WHITE MOLD TOLERANCE	7	

NEW VIKING 23H0228[†]

2.3 RM

HIGH-OLEIC, LOW LINOLEIC

110,000 SEEDS PER UNIT

PURE

99% GMO-FREE

- Improved fatty-acid profile for livestock feed efficiency and increased feed inclusion rates
- Dairy farmers who can roast their beans are using these to reduce purchased feed inputs and increase milk fat yield
- Yellow hilum with relatively high protein content
- Competitive yields; good standing
- Cyst tolerant as well as good tolerance to SDS and IDC

STANDABILITY	7	
SDS TOLERANCE		8
BSR RESISTANCE	ID*	
SCN TOLERANCE	7	
IRON CHLOR. TOLERANCE	7	
WHITE MOLD TOLERANCE	6	



2.3-2.7 RM VARIETIES



E24Y002

2.4 RM

YELLOW HILUM, FOOD GRADE

110,000 SEEDS PER UNIT

ULTRAPURE
99.9% GMO-FREE

- RAG1 gene for aphid tolerance
- Rps1k gene for good phytophthora tolerance and PI88788 for cyst nematode resistance
- Medium-bushy plant type to aid in canopy closure
- 42.9% protein in our 2024 testing

STANDABILITY	7
SDS TOLERANCE	6
BSR RESISTANCE	5
SCN TOLERANCE	7
IRON CHLOR. TOLERANCE	5
WHITE MOLD TOLERANCE	ID*

VIKING 2418N[†]

2.4 RM

HIGH YIELDS AND SOUND AGRONOMICS

140,000 SEEDS PER UNIT

PURE
99% GMO-FREE

- Very high-yielding with excellent performance from MN to OH
- Widely adapted across the Midwest
- Good standing, medium-bushy plant
- Rps1k gene for excellent Phytophthora protection

STANDABILITY	7
SDS TOLERANCE	7
BSR RESISTANCE	7
SCN TOLERANCE	7
IRON CHLOR. TOLERANCE	7
WHITE MOLD TOLERANCE	7

VIKING 27B4[†]

2.7 RM

1ST PLACE (76 BU.), ISU CENTRAL DIST., 2024

140,000 SEEDS PER UNIT

PURE
99% GMO-FREE

- 4th Place (beat 51 varieties), OH State Performance Trials North Region, 2024
- Well-adapted to move south out of zone
- Medium-tall plant with good standability
- Strong disease resistance to SWM, BS, IDC, and phytophthora

STANDABILITY	7
SDS TOLERANCE	7
BSR RESISTANCE	8
SCN TOLERANCE	7
IRON CHLOR. TOLERANCE	7
WHITE MOLD TOLERANCE	7

FEATURED VARIETY: 27B4

HOW IT PERFORMED IN 2024 TRIALS

RANK	YIELD	TRIAL	LOCATION
1	76.5	ISU C. Dist. Early	Summary
1	88.0	UW S. Conv.	Platteville, WI
2	87.2	ISU C. Dist. Early	Clarence, IA
2	52.3	ISU N. Dist. Full	Corwith, IA
2	70.0	UIL Region 1 Late	Freeport, IL
4	80.0	UW S. Conv.	Summary
5	70.2	ISU C. Dist. Early	Ames, IA

NOTES:

VIKING NON-GMO SOYBEAN SEED

IA3054RA12**

2.8 RM

YELLOW HILUM, VERY HIGH PROTEIN

110,000 SEEDS PER UNIT

ULTRAPURE

99.9% GMO-FREE

- True food-type soybean with tremendous yield potential
- Widely accepted in the food industry; will routinely make 42% contracts
- Stacked Rag 1 & 2 aphid-tolerant genetics
- Shorter and better standing than Viking O.2188AT
- License required before seed delivery

STANDABILITY		7
SDS TOLERANCE	ID*	
BSR RESISTANCE	ID*	
SCN TOLERANCE		4
IRON CHLOR. TOLERANCE		5
WHITE MOLD TOLERANCE	ID*	

NEW VIKING 30B6†

3.0 RM

CONSISTENT HIGH YIELDS

140,000 SEEDS PER UNIT

PURE

99% GMO-FREE

- 68 bu/acre average in 2024 ALSH Trials in IA, IL, and NE
- Fast out of the ground; strong standing all season long
- Good stress tolerance to heat and drought
- Strong disease package, with tolerance to SWM, PRR, IDC, and SDS

STANDABILITY		7
SDS TOLERANCE		7
BSR RESISTANCE		8
SCN TOLERANCE		7
IRON CHLOR. TOLERANCE		7
WHITE MOLD TOLERANCE		6

GENERAL & AGRONOMIC INFO										
VARIETY/BRAND	RM	SEEDS PER UNIT	PLANT TYPE	PLANT HEIGHT	HILUM COLOR	AVG % PROTEIN ²	GRAIN USE	EMERGENCE	EARLY GROWTH	LODGING
Viking 0821N [†]	0.8	140,000	Med-Bush	Medium	Brown	37 - 39	Feed	8	8	7
Viking 1223N [†]	1.2	140,000	Med-Bush	Medium	Black	36 - 38	Feed	8	8	7
Viking 15B5 [†]	1.5	140,000	Med-Bush	Medium	Black	36 - 38	Feed	8	8	7
Viking 1700N ^{1†}	1.7	110,000	Med-Bush	Medium	Yellow	41 - 42+	Feed/Food	6	7	7
Viking 17B6 [†] NEW	1.7	140,000	Med-Bush	Med-Tall	Black	37 -39	Feed	8	8	7
IAS19C3 ^{1**}	1.9	110,000	Medium	Medium	Yellow	40 - 41	Food	7	7	8
Viking 2022N [†]	2.0	140,000	Med-Bush	Medium	Black	37 - 39	Feed	8	8	7
Viking 2155N [†]	2.2	140,000	Med-Bush	Med-Tall	Brown	37 - 40	Feed	8	8	7
Viking 23B5 [†]	2.3	140,000	Med-Bush	Tall	Black	38 - 40	Feed	8	8	7
Viking 23HO228 [†] NEW	2.3	110,000	Med-Bush	Med-Tall	Yellow	40 - 41	Feed	7	7	7
E24Y002 ¹	2.4	110,000	Med-Bush	Medium	Yellow	40 - 42+	Feed/Food	6	6	7
Viking 2418N [†]	2.4	140,000	Med-Bush	Medium	Black	38 - 40	Feed	8	8	7
Viking 27B4 [†]	2.7	140,000	Medium	Med-Tall	Black	37 - 39	Feed	7	7	7
IA3054RA12 ^{1**}	2.8	110,000	Medium	Medium	Yellow	42+	Food	5	6	7
Viking 30B6 [†] NEW	3.0	140,000	Medium	Med-Tall	Black	37 - 39	Feed	8	8	7
Viking 35Y4 ^{1†} NEW	3.5	110,000	Medium	Medium	Yellow	39 - 41+	Feed/Food	7	7	8

¹Soybean varieties with food-grade potential. ²Avg. % Protein is on a dry-matter basis, averaged across locations and years, actual proteins will vary with environmental conditions.
[†]Denotes brand (variety not stated). ^{**}License required (see below).

LOOKING FOR ROUND-UP READY SEED?

We no longer carry any traited seed. Please contact:

- **Corn:** Anderson Seed in St. Peter, MN — 507.246.5032
- **Soybeans:** Epley Brothers in Shell Rock, IA — 319.885.6293



2.8-3.5 RM VARIETIES



NEW

VIKING 35Y4[†]

3.5 RM

YELLOW HILUM, FOOD-GRADE POTENTIAL

110,000 SEEDS PER UNIT

ULTRAPURE

99.9% GMO-FREE

- Adapted to a wide range of soil types and environments
- Good season-long health leads to an attractive harvest look
- Excellent standability
- Above-average protein

STANDABILITY	8
SDS TOLERANCE	ID*
BSR RESISTANCE	7
SCN TOLERANCE	7
IRON CHLOR. TOLERANCE	7
WHITE MOLD TOLERANCE	ID*



Jake Hansen, Viking Product Manager, examines soybean roots.

PLANT HEALTH & DISEASE TOLERANCE									
HEAT & DROUGHT TOLERANCE	PHYTO-PHTHORA GENE	PHYTO-PHTHORA TOLERANCE	IDC (IRON DEF. CHLOR.)	BROWN STEM ROT	WHITE MOLD	SUDDEN DEATH SYNDROME	CYST NEMATODE	SOYBEAN APHID RESIST.	VARIETY
6	None	7	7	6	ID	ID	7	No	Viking 0821N [†]
7	None	7	7	6	6	ID	7	No	Viking 1223N [†]
8	Rps1a	8	8	6	7	7	9	No	Viking 15B5 [†]
6	None	5	6	ID	ID	7	7	No	Viking 1700N ^{1†}
8	Rps3a	8	8	8	ID	7	9	No	Viking 17B6 [†] NEW
ID	None	6	6	ID	7	7	7	No	IAS19C3 ^{1**}
7	Rps1k	7	6	6	6	7	7	No	Viking 2022N [†]
7	None	6	7	8	7	8	7	No	Viking 2155N [†]
9	Rps1c	8	7	6	7	7	9	No	Viking 23B5 [†]
ID	None	7	7	ID	6	8	7	No	Viking 23HO228 [†] NEW
ID	Rps1k	7	5	5	ID	6	7	Yes	E24Y002 ¹
6	Rpc1c	7	7	7	7	7	7	No	Viking 2418N [†]
7	Rps1c	7	7	8	7	7	7	No	Viking 27B4 [†]
6	None	5	5	ID	ID	ID	4	Yes	IA3054RA12 ^{1**}
8	None	7	7	8	6	7	7	No	Viking 30B6 [†] NEW
ID	Rps1k	7	7	7	ID	ID	7	No	Viking 35Y4 ^{1†} NEW

Agronomic Info, Plant Health & Disease Tolerance: 1 lowest, 9 highest, ID = Insufficient Data

****LICENSE REQUIRED** — IAS19C3, IA3054RA12: These varieties originate from germplasm that is intellectual property of Iowa State University and requires the seed purchaser to sign a license agreement. Seeds must be used for the sole purpose of producing a single crop and not saved for replanting.

VIKING NON-GMO ALFALFA SEED

VIKING 374HD†

HIGHEST COMBINATION OF YIELD AND QUALITY

- The highest quality alfalfa we sell for a 4- or 5-cut system (FD4.0)
- Yielded 141% of the check in Cornell's 2022 forage trial, and 123% of check for 3-yr total
- Lignin levels comparable to other highly digestible varieties
- Aphanomyces race 1 & 2 resistance and branch root trait = strong persistence and productivity on wetter soils
- Available with Apex™ Green HydroLoc coating or OMRI-approved inoculant

VIKING 394AP†

MAXIMIZE YIELD ON EVERY INCH OF EVERY FIELD

- 1st place dry matter tons/acre in 2023 Michigan State University Trial (Seeded 2022, Chatham, MI)
- Yielded 141% of the check in Cornell's 2022 forage trial, and 125% of check for 3-yr total
- Best disease resistance available, including Aphanomyces Races 1, 2, and 2+
- Extremely high forage yield and great quality
- FD 4.3; suitable for 4 to 5-cut systems
- High expression of branch root trait and sunken crown trait
- Exhibits some tolerance of saline soils
- Available with Apex™ Green HydroLoc coating or OMRI-approved inoculant

NEW VIKING 530YP†

FDS ALFALFA WITH YIELD AND PERFORMANCE!

- Fall Dormancy 5.3 with exceptionally high and competitive yield and forage quality
- Selected for multi-strain resistance to of Aphanomyces root rot including Race 1, 2, and 2+; and a broad spectrum of other disease resistance
- Has high expression of branch root and sunken crown trait for excellent traffic tolerance
- Strong winter survival and persistence
- Apex™ Green HydroLoc coating (OMRI)

NEW VIKING 442LH†

NEWEST LEAFHOPPER RESISTANCE ALFALFA ON THE BLOCK

- Built-in leafhopper protection with glandular hairs
- Viking 442LH is a direct replacement for Viking 342LH; and is higher yielding with greater persistence
- In Wisconsin trials over a two-year period (2024-2025), Viking 442LH yielded 1.6 tons/acre greater than WL358LH and .5 tons greater than 342LH.
- Higher expression of glandular hairs than many other competitor leafhopper resistant varieties
- Excellent forage quality and a great fit for 3- to 4-cut harvest system
- Highly resistant to Aphanomyces Race 1, and resistant to Race 2 and 2+
- Apex™ Green HydroLoc coating (OMRI)

†Denotes brand (variety not stated)

SOUTHERN WISCONSIN FORAGE TRIAL

Seeded May 2022
4 Replications

	2022-2025	2023				
VARIETY	TOTAL TONS HAY/ACRE (12 CUTS, 4 YRS)	TONS HAY/ACRE	MILK/TON	MILK/ACRE	RFQ	NDFD30
Viking 374HD	22.48	7.16	3237	23,177	231	57.4
Hybriforce 4400	20.56	6.18	3256	20,122	230	60.2
MagaTron HarvXtra®	20.53	6.47	3222	20,846	229	59.6
Pioneer 54Q14	20.3	6.09	3156	19,220	213	55.8
Rebound AA	22.35	6.62	3203	21,204	223	57.3
TRIAL AVG	21.52	6.6	3235	21,351	227	58.6

HarvXtra® is a registered trademark of Forage Genetics International, LLC. Hybriforce is a registered trademark of Dow Agrosiences, LLC.



NEW VIKING 350CR[†]

NEWLY-RELEASED CREEPING ROOT ALFALFA

- Top-of-the-line genetics; vigorous creeping root habits
- Yields competitive with tap-rooted varieties
- 35/35 disease resistance including Aphanomyces Race 2 (HR) and Race 2+ (R)
- Fall dormancy 3.5; a true multi-purpose variety that can be used for both hay or pasture
- Sunken crowns and very good wheel traffic tolerance
- Broadly adapted across the country including plains, upper Midwest, and inner mountain regions
- Apex[™] Green HydroLoc coating (OMRI)

NEW FLEX PRO ALFALFA BLEND[†]

DIVERSITY AND FLEXIBILITY + DISEASE RESISTANCE

- A blend of two of our bestselling, high-yielding alfalfas with our newly-released, top-of-the-line creeping-root alfalfa (45% Viking 374HD, 45% Viking 394AP, 10% Viking 350CR)
- Highly digestible, high-quality mix
- Excellent disease resistance
- Differing dominant root and crown characteristics provide flexibility across various environments
- High expression of branch rooted trait, and includes a portion of plants in the mix with sunken crowns, dominant tap roots, and the creeping root trait
- Performs better than most alfalfas on wetter/heavier soil
- Will stand up to high traffic due to the sunken crown and creeping root traits
- Available with OMRI-approved inoculant



We have observed that varieties with the branch root trait perform better and persist longer in local fields. The disease resistance levels are excellent, the 374HD has very high-quality traits and high yields, while the 394AP has a low crown and handles traffic better along with high yields. Both are excellent choices for our area.

JDS SEEDS (VIKING DEALER IN ORVILLE, OH)

VIKING 330M[†]

YIELD AND QUALITY FOR 3- OR 4-CUT SYSTEM

- High-quality, FD4, multi-leaf alfalfa
- Good all-around disease resistance (29/30 DRI)
- Excellent yields, quick recovery
- Economical choice for good quality hay
- Available with OMRI-approved inoculant

VERNAL

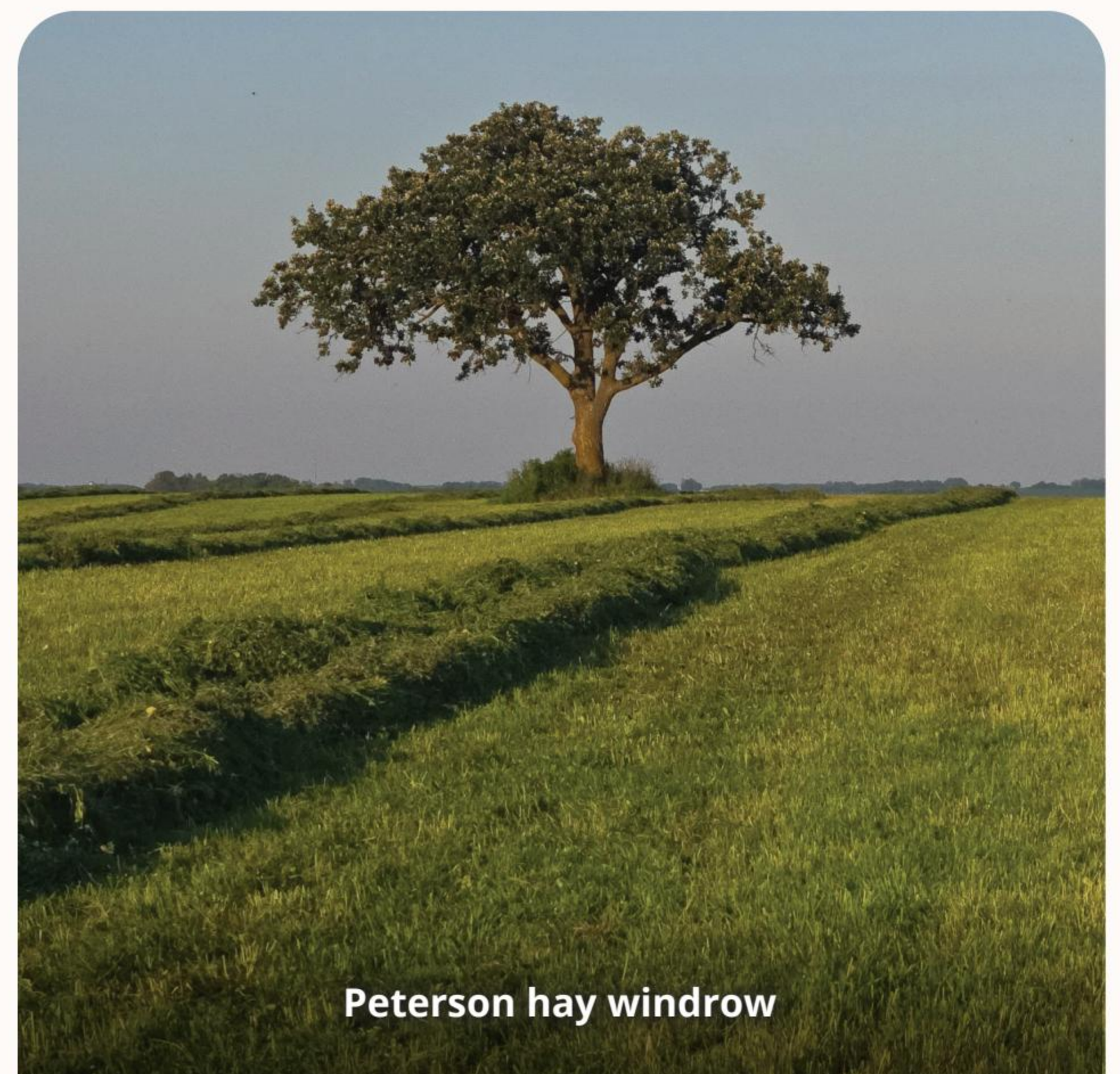
ECONOMICAL CHOICE

- Suitable for short haying rotations on well-drained soils
- Good, inexpensive plowdown option
- Limited disease resistance; avoid wet ground
- Available with OMRI-approved inoculant

NITROGEN[†]

BIG NITROGEN FIX, FAST

- Maximum 1-year biomass and N production
- Good leaf retention and forage quality
- FD9; continues growth late into the fall, but behaves as an annual and will winterkill in the Upper Midwest
- Apex[™] Green HydroLoc coating (OMRI)



Peterson hay windrow

What is Aphanomyces Race 2+ and why does it matter? — Race 2+ includes the most prevalent strains of Aphanomyces root rot impacting alfalfa in the Midwest, Great Lakes area, and Eastern US. Our alfalfas are now rated for their resistance to Aphanomyces Race 2+ root rot (see chart on the next page). Note that Race 1, Race 2, and Race 2+ are rated separately. For best protection against this disease, select alfalfa that is rated resistant (R) or highly resistant (HR) to Race 2+. Lower disease ratings provide little protection, leading to greater prevalence of the disease, poorer plant persistence, and rapidly thinning stands. The disease is most prevalent in soils with high water-holding capacity, those that are poorly drained, and in compacted areas.



VIKING NON-GMO ALFALFA SEED

GENERAL & AGRONOMIC INFO							
VARIETY/BRAND	WINTER SURVIVAL INDEX	FALL DORMANCY	NUMBER OF CUTTINGS	TRAFFIC TOLERANCE	POORLY-DRAINED SOILS	DISEASE RATING INDEX	APHANOMYCES RACE 1
Viking 374HD [†]	1.7	4.0	4-5	4	5	35/35	HR
Viking 394AP [†]	1.8	4.3	4-5	4	5	35/35	HR
Viking 530YP [†] NEW	1.3	5.3	4-5	4	5	35/35	HR
Viking 442LH [†] NEW	1.8	3.9	3-4	4	4	34/35	HR
Viking 350CR [†] NEW	1.5	3.5	3-4	5	7	35/35	HR
Flex Pro Alfalfa Blend [†] NEW	1.7	4.1	4-5	4	5	35/35	HR
Viking 330M [†]	2.2	4.0	3-4	4	4	29/30	HR
Vernal	2.2	2.0	2-3	3	2	11/30	S
Nitrogen [†]	NA	9.0	3-4	ID	4	ID	R

[†]Denotes brand (variety not stated)



BEST PLANTING PRACTICES

- Seed alfalfa into a firm seed bed ¼ to ½ inch deep
- Spring seeding: April 15 to May 15 (southern MN)
- Fall seeding: August 1 to 15 (southern MN)
- Adjust dates accordingly further north and south
- Plant 15-20 lbs/acre for alfalfa alone or 15 lbs/acre for alfalfa mixed with grasses
- Optimum pH: 6.7 - 6.9 (soil test and lime accordingly 12 months prior to seeding)
- Maintain phosphorus (P) and potassium (K) at optimal levels

Have questions about establishment or management?
We'd love to help! Give us a call at 800.352.5247.

DISEASE TOLERANCE								
APHANOMYCES RACE 2	APHANOMYCES RACE 2+	PHYTOPHTHORA ROOT ROT	VERTICILLIUM WILT	BACTERIAL WILT	FUSARIUM WILT	ANTHRACNOSE	STEM NEMATODE	PEA APHID TOLERANCE
HR	MR	HR	HR	HR	HR	HR	ID	ID
HR	R	HR	HR	HR	HR	HR	ID	ID
HR	R	HR	HR	HR	HR	HR	ID	ID
R	R	HR	HR	HR	HR	HR	ID	ID
HR	R	HR	HR	HR	HR	HR	R	R
HR	ID	HR	HR	HR	HR	HR	ID	ID
ID	ID	HR	HR	R	HR	HR	ID	ID
ID	ID	S	ID	R	R	ID	ID	ID
R	ID	R	ID	S	HR	S	ID	HR

Winter Survival Index: 1 superior, 4 adequate; **Fall Dormancy:** growth in inches after final cutting before going dormant;
Traffic Tolerance and Performance on Poorly-Drained Soils: 5 highest, 1 lowest;
Disease Resistance Index: 30 highest, 6 lowest (35 highest for some varieties, which includes a rating for Aphanomyces Race 2);
Disease Tolerance: HR = Highly Resistant, R = Resistant, MR = Moderately Resistant, LR = Low Resistance, S = Susceptible, ID = Insufficient Data, -- = Not Rated

VARIETY SELECTION

When selecting an alfalfa variety, it's important to consider how long the field will be in production, how many cuttings a year you plan to take, the end use for the forage (quality needs), and the unique challenges for the field location (disease/insects). Evaluate the following characteristics:

HD: Highly Digestible — Alfalfa lines with the HD distinction are tested for quality from the very first selection by the breeders. These lines have low lignin levels, resulting in milk/ton numbers that are first in class.

AP: Aphanomyces Race 2 Resistance — Farmers in the Midwest, Great Lake area, and Northeast face challenges with Aphanomyces root rot in alfalfa. If you are in one of these regions choose a variety with race 2 and race 2+ Aphanomyces resistance. These varieties also have resistance to race 1.

LH: Leaf Hopper Resistance — These varieties maintain strong yields and forage quality under heavy pressure from leafhoppers.

YP: Yield and Performance — These varieties are bred for maximum yield and the most advanced disease resistance. This will result in stands with long-term persistence and increased farm profits.

SEED TREATMENTS

All of our alfalfas may be coated with one of these OMRI-listed inoculants or coatings:

APEX™ GREEN HYDROLOC

Encapsulates each seed in a mix of micro-nutrients, including iron, zinc, and manganese; and rhizobia bacteria to ensure nodulation and nitrogen fixation. The HydroLoc absorbent compounds hold water around seed, improving germination and seedling survival, especially under adverse conditions.

NITRO-COAT™

Contains a multi-strain, crop-specific rhizobium blend to provide maximum nodulation, stand establishment, and yield potential. Helps attract soil moisture to the seed, ensuring quick stand establishment.

EXCEED® PRECOAT

Clay-based inoculant applied on the seed. It is a culture of highly effective strain of rhizobia (nitrogen-fixing bacteria) that will colonize the plant roots to gather and fix the “free” nitrogen of the air, making it available to the plants. This inoculant does not contribute to inert content of the seed.



ALL THE SEED YOU NEED FOR A STRONG ROTATION.

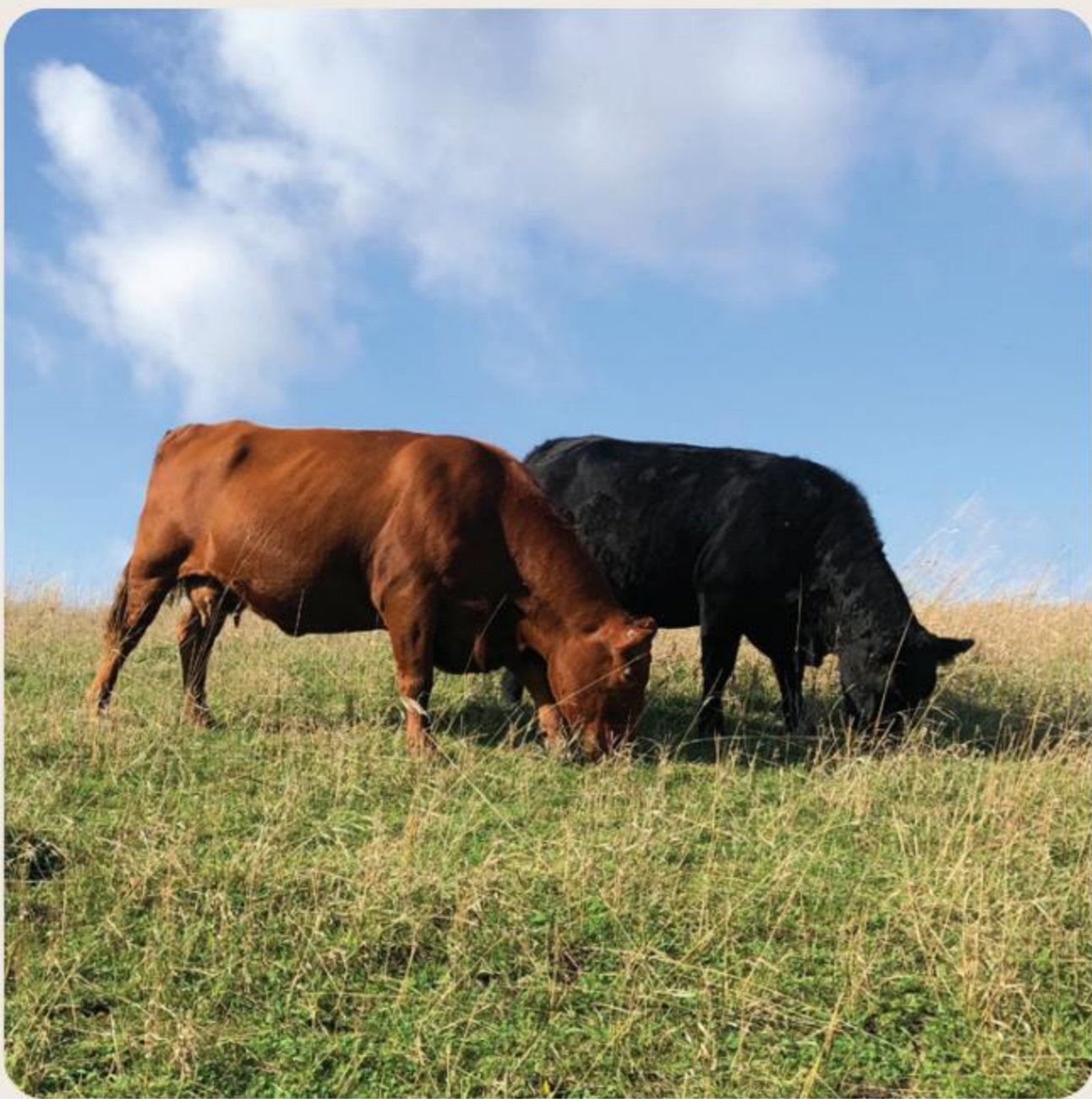
At Albert Lea Seed, the success of the farmers we serve is at the core of everything we do. That's why we proudly provide diverse, whole-farm seed solutions that drive year-round production and support better soil health. Beyond corn, soybeans, and alfalfa, we also have a wide range of small grains, forages, cover crops, and other types of seed available.



OVER 100 YEARS AND JUST GETTING STARTED.

ALL WE KNOW IS SEED.

We're committed to farmers' success. Some might say over-committed. So let us know any way we can help your operation. Talk with your local dealer to access the quality seed you need for your farm, or visit **alseed.com** to browse our entire lineup.



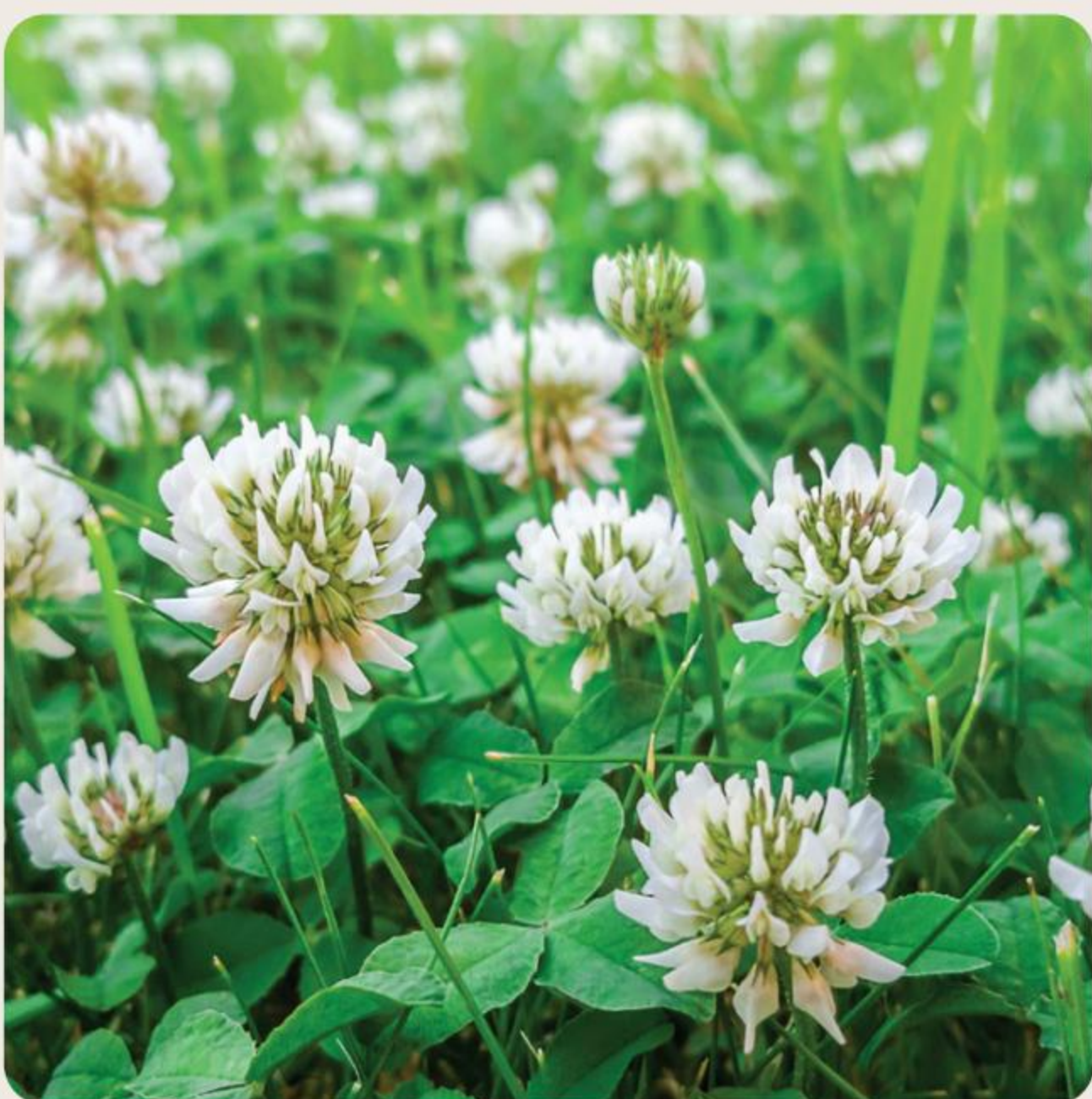
Hay and Pasture



Small Grains



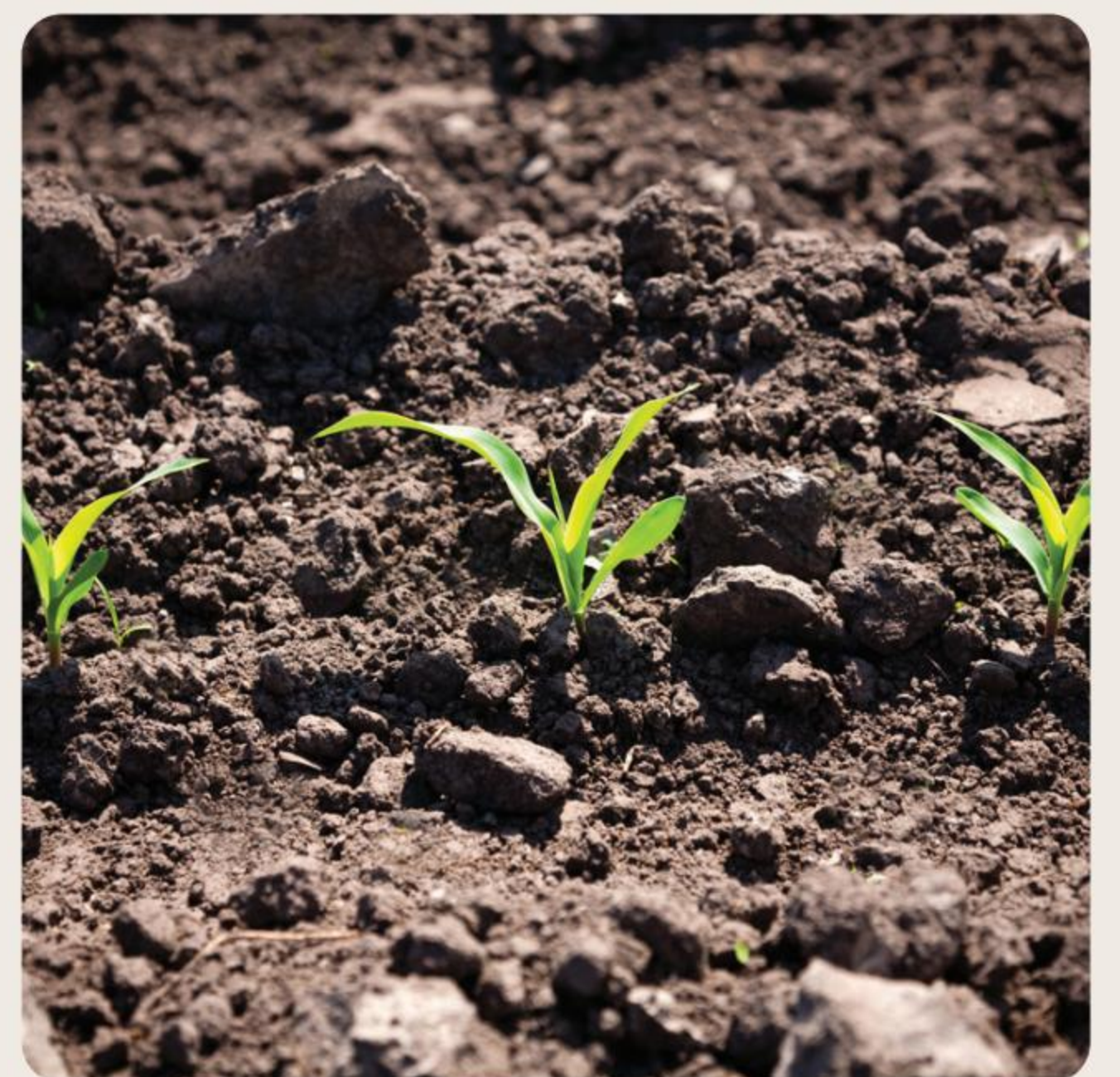
Cover Crops



Clovers



Sorghum Sudangrass



Biologicals



WE MAKE IT EASY TO ORDER, NO MATTER WHERE YOU ARE.



WORK WITH ONE OF OUR DEALERS

We have a robust network of dealers nationwide, and we strongly encourage you to place your order through a local dealer because they understand the conditions in your area and what will perform best on your farm. Find a dealer near you:
alseed.com/viking



CONSULT A REGIONAL SALES MANAGER

Consult with one of our regional sales managers. They're available to help you with hybrid and variety selection, answer your agronomic questions, or connect you with a dealer in your area. See the map above for the appropriate contact information in your region of the country.



SHIPPED TO A DEALER OR DIRECTLY TO YOU

When you place an order through a local dealer, your seed will be shipped to them and they'll work with you to arrange pickup/delivery. However, if you need to have your order shipped directly from us to your farm (anywhere in the US), that can be arranged. Please call us at **800.352.5247**.

HOW TO ORDER

OUR DEALER NETWORK

We strongly encourage you to place your order through a local dealer because they understand the conditions in your area and what will perform best on your farm. To find a dealer near you, visit alseed.com/viking.

REGIONAL SALES MANAGERS

Our regional sales managers are available to help you with hybrid and variety selection, answer your agronomic questions, or connect you with a dealer in your area. See map to the left for the appropriate contact information in your region of the country.

SHIPPING YOUR ORDER

When you place an order through a local dealer, your seed will be shipped to them and they'll work with you to arrange pickup/delivery. However, if you need to have your order shipped directly from us to your farm (anywhere in the US), that can be arranged. Please call us at 800.352.5247.

RETURN POLICY

We can help arrange qualifying returns as noted below. Return costs are the responsibility of the customer.

- **BEFORE JUNE 15:** We will cheerfully accept returns of any seed purchased in the current sales year until June 15 (or up to 30 days after purchase).
- **AFTER JUNE 15:** There will be a \$10/bag restocking charge on corn and \$3/bag restocking charge on all other seeds.
- **AFTER JULY 15:** No returns will be accepted on any seed purchased outside of the 30-day return window.

We will not accept returns of:

- Value-priced closeout corn hybrids
- Seed corn or soybeans treated with a custom treatment
- Inoculants
- Custom Mixtures
- Opened, wet, dirty, unsaleable, or damaged bags of seed

REPLANT POLICY

If you experience an early-season crop loss in fields planted with seed purchased from us, you may be eligible for replant seed at half-price.

We will provide replant seed of the same species for half of the full retail price or replant seed of a different species for half of the value of the replant or original planted seed (whichever is lower).

We will not warranty alfalfa or cool-season forage grass seed planted between June 1 and August 1, and we do not provide any replant discount for winter-killed seed of any kind.

EARLY PAY DISCOUNT

- 12% if paid by Sept. 15, 2025
- 9% if paid by Oct. 15, 2025
- 6% if paid by Nov. 15, 2025
- 3% if paid by Jan. 15, 2026

Not available with John Deere Financing.
Available on corn, soybeans, and alfalfa seed only.
Credit card payments used in conjunction with an Early Pay discount subject to a 3% convenience fee.

BOXED CORN AND SOYBEANS

SAVE \$1 per unit when you buy your soybeans in 40-unit tote bags (no discount for boxes).

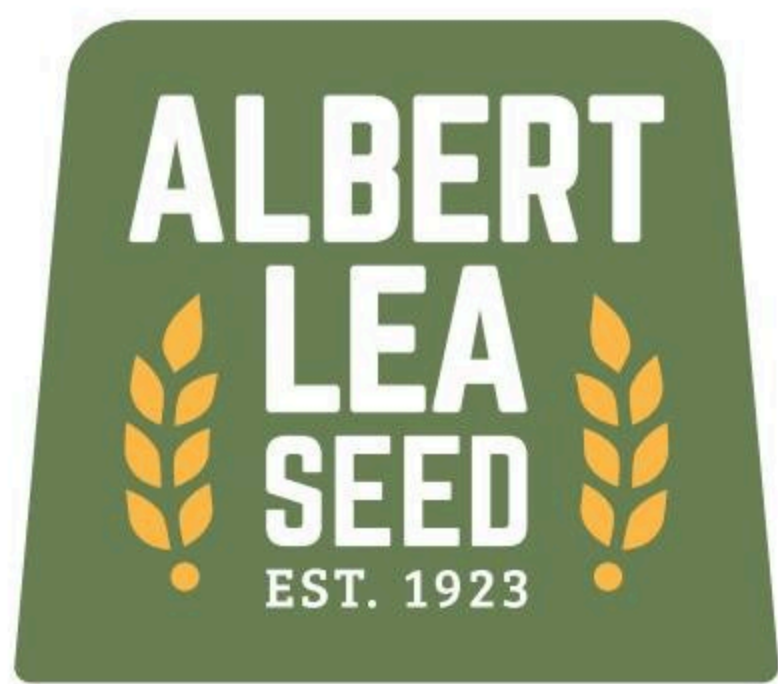
- Seed corn is available in 40-unit (80M/unit) hard-sided pro-boxes
- Soybeans are available in 40-unit (140M/unit or 110M/unit) soft-sided tote bags at a savings of \$1/unit
- Soybeans are available in 40-unit (140M/unit or 110M/unit) hard-sided pro-boxes on a first-ordered, first-served basis
- Customers are responsible for the cost of returning seed boxes
- Shipped boxes will be reconciled on June 15; any boxes not returned by July 15 will be invoiced at \$600/box
- Customers will be billed for damage to boxes and lost pro-box lids
- Orders for seed in boxes or totes must be placed by Feb. 15; orders placed after that date will be subject to available packaging
- After Feb. 15, changes to orders that require repackaging (such as bags to totes or boxes to bags) will be assessed a \$3/unit fee

JOHN DEERE FINANCIAL SPECIAL TERMS

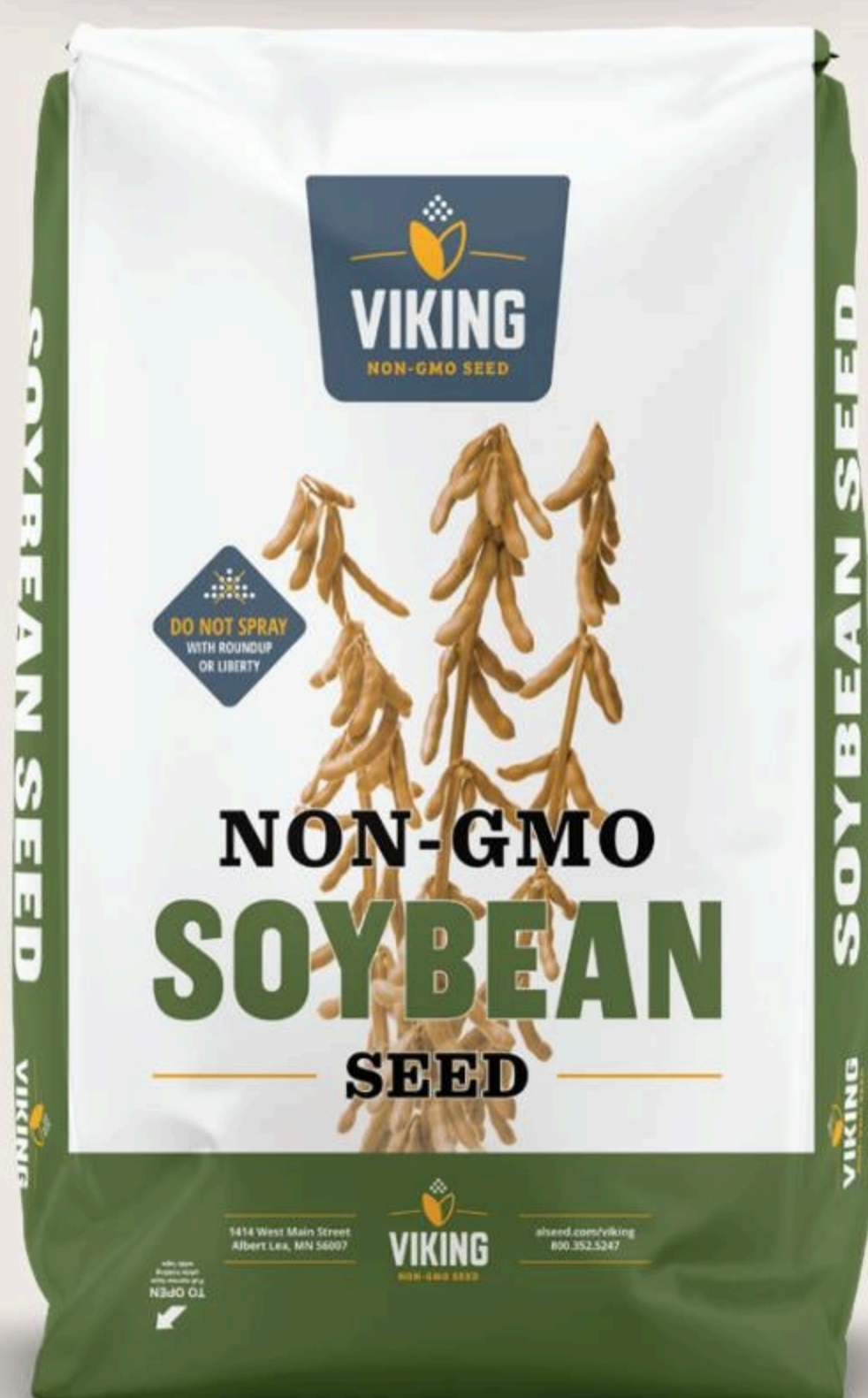
INTEREST RATE	THROUGH	PAYMENT DUE
0%	NOV. 15, 2025	JAN. 2027
PRIME -3%	DEC. 15, 2025	JAN. 2027
PRIME	JAN. 15, 2026	JAN. 2027
PRIME +6.6%	JULY 15, 2026	JAN. 2027

- Available on corn, soybeans, and alfalfa
- \$2,500 minimum purchase
- After 75 days of JDF initial payment processing; any order changes that result in a reduction of JDF payment to ALSH will result in a fee charged back to the customer based on the percentage of reduction in order
- 'Regular' purchase JDF is available on any product with no minimum purchase (special terms do not apply)
- JDF customer service: 800.356.9033
- Apply online at alseed.com/jdf

ON THE FRONT COVER: Ed Iverson harvesting Viking corn near Lamberton, MN



ALBERT LEA SEED | 1414 W MAIN ST | ALBERT LEA, MN 56007 | 800.352.5247 | ALSEED.COM



MORE RETURN ON EVERY ACRE.

Viking conventional, non-GMO corn and soybeans had another outstanding year in FIRST & University trials—and on farms—reaching **90+ top ten corn finishes** (see page 4 inside) and **90+ top ten soybean finishes** (see page 16 inside). Not only are we competing with the best products available, we're often beating big-name labels with expensive traits. If anyone is wondering if conventional, non-GMO corn and soybeans can yield, it's time to check the data.



NO TRAITS. JUST YIELD.