

THE THUNDER SEED

Farming is so much more than our livelihood or our way of life.

It's our legacy – the legacy of our parents and grandparents as well as the future legacy of our children and grandchildren. Our roots in this industry run deeper than the roots of any seed or plant you could grow. We wear the title of farmer with pride and contentment, just as our fathers did and their fathers before them.

Our dedication was both innate and learned through years of cultivating the soil and learning from our ancestors. To us, farming embodies the American dream and it's a bright future that we want to pass on to our sons and daughters. But it's not just nostalgia and daydreams, it's hard work, perseverance and dedication.

And those are qualities we strive to pass on to the next generation of agriculturalists as well.

When our boots hit the ground each morning, we face the same challenges you do.

Our hands are calloused and scarred, as we work hard to find a better way to achieve higher yields and tackle the pests that target our crops. We will continue to find new solutions — we are up to the challenge. We know you hit the fields with the same grit and determination. That's why we're committed to being your solutions partner. We work hard and test our seeds so you can be confident knowing that the seeds you plant have the best traits for your farm. We'll continue to develop new varieties to ensure Thunder Seed meets the needs of future generations. This is seed you can count on for years to come.

It's also about having a partner you can count on. When you need seed, we're there to deliver within 24 hours if needed. We have multiple production and cleaning facilities as well as a vast dealer network, so no matter where you are, we're right there for you. Our success is in large part because of you, the hard-working, dependable farmers who put in long hours to make sure the work gets done right. You've placed your trust in us and we will never take that trust for granted.

Thank you for making Thunder Seed FIRST in the FIELD.







2025 SEED GUIDE

HIGH-YIELDING, TECHNOLOGY DRIVEN SEED



VT Double PRO® RIB Complete® Corn Blend

Get superior protection from above-ground insects in a single-bag refuge solution with dual modes of action. It even provides outstanding protection against corn earworms.

Targets: Corn Earworm, Fall Armyworms, Southwestern Corn Borer, European Corn Borer

DuracadeViptera™



DuracadeVipera™ trait stacks control 16 damaging pests; above and below ground. Get less damage from ear, stalk, and leaf feeding insects and get a stronger more robust root system from protection against corn rootworm.

Targets: Corn Rootworm, European Corn Borer, Fall Armyworm, Western Bean Cutworm, Black Cutworm, Corn Earworm



Roundup Ready® Corn 2

Get broad protection against weeds and the flexibility to apply herbicides the way you need to for the best results on your farm. Our Roundup Ready® Corn 2 hybrids have a high tolerance to Roundup® herbicides for outstanding crop safety.



PowerCore® Enlist® Refuge Advanced

PowerCore® Enlist® corn is a comprehensive trait package for above-ground pests and weed management, with integrated Refuge Advanced. Tolerance to multiple herbicides – including glyphosate, glufosinate, 2,4-D choline, and FOPS – gives you the flexibility in herbicide choice and management practices to help maximize yield.

Targets: European corn borer, fall armyworm, southwestern corn borer, corn earworm, black cutworm



Agrisure® GT

The Agrisure® GT trait provides tolerance to in-crop applications of glyphosate-based herbicides.



Roundup Ready 2 Xtend® Soybeans

Find maximum disease and weed control, including glyphosate-resistant weeds, with Roundup Ready 2 Xtend® Soybean's groundbreaking seed technology. This soybean variety combines the high-yield potential of Roundup Ready 2 Yield® Soybeans with powerful glyphosate and dicamba tolerance, making it the industry's first biotech-stacked soybean seed. Get the best weed protection this season to experience high yields in your fields.



XtendFlex® Soybeans

As part of the Roundup Ready® Xtend Crop System, XtendFlex® soybeans will enable farmers to have application flexibility in managing yield-robbing weeds. By introduction tolerance to glufosinate, in addition to dicamba and glyphosate, XtendFlex soybeans will give farmers more herbicide options to fight the most challenging weed problems.



ENLIST E3® Soybeans

Enlist E3® trait enables control against the toughest weeds in soybeans. With multiple herbicide tolerances, you have more weed control options in one complete, easy-to-use system. You get tolerance to 2,4-D choline and glyphosate, as well as additional glufosinate tolerance in Enlist E3® soybeans.

OUR MISSION

To develop and deliver soybean and corn seed that gives growers the greatest potential for high yields and profits year after year, and to deliver unrivaled support before, during and after every growing season.



2025 SEED GUIDE - GRAIN CORN

GRAIN CORN

Thunder Seed's selection of top-performing hybrids have the combination of traits and characteristics needed for growing success in your fields.









GRAIN CORN

TH6370 VT2P BRAND



- Super early flowering and early maturity; good hybrid for ultra early silage market
- Excellent emergence and seedling vigor gets the plant growing quickly
- Very good tolerance to heat and drought stress through the growing season



Relative Maturity F

GRAIN CORN

TH4072 RR BRAND



- Excellent early maturity with very good test weight, fast dry down, and fall appearance
- Great emergence and seedling vigor for early planting
- Good stalks and staygreen; nice hybrid for early silage & grazing market



→ Relative Maturity ト

72

Days

Scan QR for

Scan QR for

GRAIN CORN

TH6072 VT2P BRAND

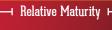


TH6072 VT2P

- Excellent early maturity with very good test weight and fast drydown
- Great emergence and seedling vigor for early planting
- Nice fall appearance with good stalks, staygreen, and intactness



NEW	PRODUCT	MATURITY	FLOWERING	CHU'S TO Black layer	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	PLANTING RATE	KERNEL ROWS	SEEDLING VIGOR	ROOT RATING	STALK RATING	DROUGHT TOL.	GREENSNAP	STAYGREEN	DRYDOWN	TEST WEIGHT	GOSS'S WILT	NCLB	STALK ANTHRACNOSE	SILAGE POTENTIAL	TOUGH CONDITIONS	VARIABLE CONDITIONS	IDEAL CONDITIONS	HERBICIDE SENSITIVITY
	TH6370 VT2P	70	Early	1925	М	ML	SD	МН-Н	14-16	1.5	2.0	2.5	2.0	2.5	2.5	1.5	2.0	2.5	2.0	2.0	2.0	VG	VG	G	Ok
	TH4072 RR	72	Medium	2025	М	М	SD	МН-Н	14-16	2.0	2.0	2.5	2.5	2.5	2.5	2.0	2.0	2.5	3.5	2.5	2.0	VG	VG	VG	Ok
	TH6072 VT2P	72	Medium	2025	М	М	SD	МН-Н	14-16	2.0	2.0	2.5	2.5	2.5	2.5	2.0	2.0	2.5	3.5	2.5	2.0	VG	VG	VG	Ok



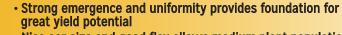
GRAIN CORN

VT2P BRAND





TH6474 VT2P



Nice ear size and good flex allows medium plant population

Healthy plant with good disease tolerance and staygreen



Relative Maturity +

Scan QR for

more info

GRAIN CORN

TH6977











 Medium height with great agronomics; performs best in the west

- Good Goss's Wilt and NCLB tolerance
- Good yield stability across variable soils



→ Relative Maturity +

Days

Scan QR for

GRAIN CORN

NEW TH6477 PC BRAND



TH6477 PC

- Broadly adapted for good performance across southern MB
- Moves west and handles tough growing conditions very well
- Good Goss's Wilt and NCLB tolerance



→ Relative Maturity

Days

Scan QR for more info

GRAIN CORN

NEW TH4477 GT BRAND



- TH4477 GT
- Broadly adapted for good performance across southern MB and SK
- Moves west and handles tough growing conditions very well
- Good Goss's Wilt and NCLB tolerance

AgrisureGT

NEW	PRODUCT	MATURITY	FLOWERING	CHU'S TO Black layer	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	PLANTING RATE	KERNEL ROWS	SEEDLING VIGOR	ROOT RATING	STALK RATING	DROUGHT TOL.	GREENSNAP	STAYGREEN	DRYDOWN	TEST WEIGHT	GOSS'S WILT	NCLB	STALK ANTHRACNOSE	SILAGE POTENTIAL	TOUGH CONDITIONS	VARIABLE CONDITIONS	DEAL CONDITIONS	HERBICIDE SENSITIVITY
	TH6474 VT2P	74	Medium	2075	М	М	SF	М	16	2.0	2.5	2.0	2.5	2.5	2.0	2.5	2.5	2.5	3.0	2.5	3.0	VG	VG	VG	N/A
	TH6977 VT2P	77	Med-Early	2175	М	М	SD	MH	12-14	3.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.5	2.0	3.0	4.0	EX	EX	VG	Ok
NEW	TH6477 PC	77	Med-Late	2200	MT	М	SF	M-MH	16-18	2.0	3.0	3.0	2.0	2.0	2.5	2.5	3.0	2.5	2.0	2.5	3.0	EX	VG	G	Ok
NEW	TH4477 GT	77	Med-Late	2200	MT	М	SF	M-MH	16-18	2.0	3.0	3.0	2.0	2.0	2.5	2.5	3.0	2.5	2.0	2.5	3.0	EX	VG	G	Ok

- Relative Maturity +

GRAIN CORN

VT2P BRAND



- Big time performance; strongly adapted east to west
- · Solid agronomics with very good vigor, standability, staygreen, & drydown
- Good drought tolerance to handle those tough and variable acres



Relative Maturity ⊢

Days

GRAIN CORN

NEW TH6578 VT2P BRAND

VT2P BRAND





- Early flowering and great Goss's Wilt tolerance makes this hybrid well suited across western Canada
- Very good drought stress tolerance and also great top end yield potential with excellent test weight
- Good staygreen and intactness for favorable fall appearance



Relative Maturity

Days

Scan QR for

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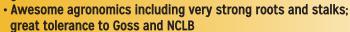
GRAIN CORN

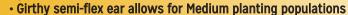


TH6380 VT2P

GRAIN CORN

 Excellent combination of top yield performance and stability; good stress tolerance







Relative Maturity +

Days

Scan QR for

TH6182 VT2P

VT2P BRAND TH6182

- Elite hybrid with excellent yields and drought stress tolerance
- Quick start in spring with great emergence and vigor
- Very good Goss's Wilt tolerance; good staygreen and drydown in fall



NEW	PRODUCT	MATURITY	FLOWERING	CHU'S TO BLACK LAYER	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	PLANTING RATE	KERNEL ROWS	SEEDLING VIGOR	ROOT RATING	STALK RATING	DROUGHT TOL.	GREENSNAP	STAYGREEN	DRYDOWN	TEST WEIGHT	GOSS'S WILT	NCLB	STALK ANTHRACNOSI	SILAGE POTENTIAL	TOUGH CONDITIONS	VARIABLE CONDITION	IDEAL CONDITIONS	HERBICIDE SENSITIVI
	TH6278 VT2P	78	Medium	2225	MT	М	SD	MH	14-16	2.0	2.0	2.0	2.0	2.0	2.0	1.5	2.0	2.5	2.0	3.0	2.5	EX	EX	VG	Ok
NEW	TH6578 VT2P	78	Early	2225	М	М	SD	MH	16-18	2.0	2.5	2.5	2.0	2.5	2.5	2.5	1.5	2.0	3.0	2.0	3.0	VG	VG	EX	Ok
	TH6380 VT2P	80	Medium	2325	М	М	SF	М	16-18	2.0	1.5	2.0	2.0	2.0	2.0	1.5	2.0	2.0	2.0	1.5	3.0	VG	EX	EX	Ok
	TH6182 VT2P	82	Early	2400	MT	М	SF	M-MH	16-18	2.0	2.0	2.5	2.5	2.0	2.5	2.5	2.5	2.0	2.0	2.0	2.5	VG	EX	EX	Ok

→ Relative Maturity ⊢

Days

TH8483 **BRAND**

GRAIN CORN



- Exciting DuracadeViptera hybrid with great yields on highly productive fields and also handles stress conditions

 Tall plant provides excellent dual purpose silage option for
- corn-on-corn acres with rootworm pressure
- Showy plant with fantastic health, ear flex and agronomics



→ Relative Maturity +

GRAIN CORN

Days

Scan QR for more info

Scan QR for



TH6583 VT2P

TH6583 VT2P BRAND

 Super consistent hybrid that can handle all environments with great yields and very good test weight

Strong agronomics and standability; solid roots, stalks, and

fall intactness

 Position in maturity zone with MH population for best performance



→ Relative Maturity ⊢

GRAIN CORN

VT2P BRAND



Days

Scan QR for



TH6185 VT2P

- Strong yields; very stable in tough env with great drought tolerance
- Medium-tall plant with girthy ears, some flex, and good kernel depth
- Consistent performance west to east with solid agronomics; good option for dual purpose



Relative Maturity +

GRAIN CORN

BRAND



Days



Scan QR for TH6993 VT2P

- Solid agronomics including excellent emergence, strong roots & stalks, and great staygreen
- Takes advantage of ideal conditions but handles tough conditions very well
- Moves north as a full season hybrid very well



NEW	PRODUCT	MATURITY	FLOWERING	CHU'S TO Black layer	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	PLANTING RATE	KERNEL ROWS	SEEDLING VIGOR	ROOT RATING	STALK RATING	DROUGHT TOL.	GREENSNAP	STAYGREEN	DRYDOWN	TEST WEIGHT	GOSS'S WILT	NCLB	STALK ANTHRACNOSE	SILAGE POTENTIAL	TOUGH CONDITIONS	VARIABLE CONDITIONS	IDEAL CONDITIONS	HERBICIDE SENSITIVIT
	TH8483 DV	83	Med-Late	2475	MT	МН	SF	M-MH	18-20	1.5	2.5	2.0	2.5	1.5	2.5	3.0	2.5	2.5	2.0	2.5	2.0	G	VG	EX	Ok
NEW	TH6583 VT2P	83	Med-Late	2450	М	М	SD	MH	16-18	2.5	2.5	2.0	2.0	2.5	2.5	2.5	2.0	2.5	2.0	2.5	3.0	VG	VG	VG	Ok
	TH6185 VT2P	85	Medium	2550	MT	МН	SF	M-MH	18-20	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	3.0	2.0	EX	EX	VG	Ok
	TH6993 VT2P	93	Medium	2830	MT	М	SD	M-MH	16-18	1.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.5	3.0	2.0	2.0	EX	EX	VG	Ok

2025 SEED GUIDE - GRAIN CORN

NEW	PRODUCT	MATURITY	FLOWERING	CHU'S TO Black layer	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	PLANTING RATE	KERNEL ROWS	SEEDLING VIGOR	ROOT RATING	STALK RATING	DROUGHT TOL.	GREENSNAP	STAYGREEN	DRYDOWN	TEST WEIGHT	GOSS'S WILT	NCLB	STALK ANTHRACNOSE	SILAGE POTENTIAL	TOUGH CONDITIONS	VARIABLE CONDITIONS	IDEAL CONDITIONS	HERBICIDE SENSITIVITY
	TH6370 VT2P	70	Early	1925	М	ML	SD	МН-Н	14-16	1.5	2.0	2.5	2.0	2.5	2.5	1.5	2.0	2.5	2.0	2.0	2.0	VG	VG	G	Ok
	TH4072 RR	72	Medium	2025	М	М	SD	MH-H	14-16	2.0	2.0	2.5	2.5	2.5	2.5	2.0	2.0	2.5	3.5	2.5	2.0	VG	VG	VG	Ok
	TH6072 VT2P	72	Medium	2025	М	М	SD	МН-Н	14-16	2.0	2.0	2.5	2.5	2.5	2.5	2.0	2.0	2.5	3.5	2.5	2.0	VG	VG	VG	Ok
	TH6474 VT2P	74	Medium	2075	М	М	SF	М	16	2.0	2.5	2.0	2.5	2.5	2.0	2.5	2.5	2.5	3.0	2.5	3.0	VG	VG	VG	N/A
	TH6977 VT2P	77	Med-Early	2175	М	М	SD	MH	12-14	3.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	2.5	2.0	3.0	4.0	EX	EX	VG	Ok
NEW	TH6477 PC	77	Med-Late	2200	MT	М	SF	M-MH	16-18	2.0	3.0	3.0	2.0	2.0	2.5	2.5	3.0	2.5	2.0	2.5	3.0	EX	VG	G	Ok
NEW	TH4477 GT	77	Med-Late	2200	MT	М	SF	M-MH	16-18	2.0	3.0	3.0	2.0	2.0	2.5	2.5	3.0	2.5	2.0	2.5	3.0	EX	VG	G	Ok
	TH6278 VT2P	78	Medium	2225	MT	М	SD	MH	14-16	2.0	2.0	2.0	2.0	2.0	2.0	1.5	2.0	2.5	2.0	3.0	2.5	EX	EX	VG	Ok
NEW	TH6578 VT2P	78	Early	2225	М	М	SD	MH	16-18	2.0	2.5	2.5	2.0	2.5	2.5	2.5	1.5	2.0	3.0	2.0	3.0	VG	VG	EX	Ok
	TH6380 VT2P	80	Medium	2325	М	М	SF	М	16-18	2.0	1.5	2.0	2.0	2.0	2.0	1.5	2.0	2.0	2.0	1.5	3.0	VG	EX	EX	Ok
	TH6182 VT2P	82	Early	2400	MT	М	SF	M-MH	16-18	2.0	2.0	2.5	2.5	2.0	2.5	2.5	2.5	2.0	2.0	2.0	2.5	VG	EX	EX	Ok
/	TH8483 DV	83	Med-Late	2475	MT	МН	SF	M-MH	18-20	1.5	2.5	2.0	2.5	1.5	2.5	3.0	2.5	2.5	2.0	2.5	2.0	G	VG	EX	Ok
NEW	TH6583 VT2P	83	Med-Late	2450	М	М	SD	МН	16-18	2.5	2.5	2.0	2.0	2.5	2.5	2.5	2.0	2.5	2.0	2.5	3.0	VG	VG	VG	Ok
	TH6185 VT2P	85	Medium	2550	MT	МН	SF	M-MH	18-20	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	3.0	2.0	EX	EX	VG	Ok
	TH6993 VT2P	93	Medium	2830	MT	М	SD	M-MH	16-18	1.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.5	3.0	2.0	2.0	EX	EX	VG	Ok

Rating	Plant Height	Ear Height	Ear Type	Planting Rate	Herbicide Sensitivity	Growing Conditions
1 Excellent	S Short	L Low	D Determinate	ML Medium Low	C Caution	Tough Low yield env (below 140 bu/ac)
2 Very Good	MS Medium Short	ML Medium Low	SD Semi-Determinate	M Medium	W Warning (do not use)	Variable moderate yield env (140-180 bu/ac)
3 Good	M Medium	M Medium	SF Semi-Flex	MH Medium High	grp4 Group 4: growth regulator	Ideal high yield env (above 180 bu/ac)
4 Below Average	MT Medium Tall	MH Medium High	F Flex	H High	grp2 Group 2: SU/ALS inhibitor	G Good VG Very Good EX Excellent
5 Poor	T Tall	H High			grp27 Group 27: HPPD inhibitor	



PROVEN DEFENSE AGAINST ABOVE-GROUND YIELD ROBBERS

POWERFUL ABOVE-GROUND PROTECTION

Two individual modes of action give corn plants the above-ground protection they need against major pests.







EUROPEAN CORN BORER

CORN EARWORM

FALL ARMYWORM

COMPARE YOUR ABOVE-GROUND PROTECTION OPTIONS

	VT Double PRO® RIB Complete® Corn Blend¹	Optimum [©] AcreMax ^{©2}
PRIMARY PESTS		
European Corn Borer (Ostrinia nubilalis)	**	**
Fall Armyworm (Spodoptera frugiperda)	**	*
Corn Earworm ^{3.4} (Helicoverpa zea)	**	
Black Cutworm (Agrotis ipsilion)		*
HERBICIDE TECHNOLOGY	Roundup Ready® 2 Technology	Roundup Ready® Corn 2 / LibertyLink®
REFUGE	5% Refuge-in-a-Bag	5% Refuge-in-a-Bag
REFUGE EXAMPLES		

Modes of action equal control of pest

** Dual-mode activity * Single-mode activity









^{&#}x27;VT Double PR0® RIB Complete® is a corn seed blend of 95% BL seed and 5% non-BL seed.
Optimum* AcreMax® is a RIB blend product.

PicyN4L156 and CyAb2 from B.L. controls or suppresses corn earworm.

Pioneer claims suppression of corn earworm on the Optimum AcreMax® label.



Duracade Viptera

CONTROL

ITS DEFENSE SEASON

DuracadeViptera™ is your first line of defense against the mid-season threats of corn earworm, western bean cutworm and corn rootworm. Control of 16 corn pests allows for winning seasons and more successful harvests, so you can start and finish strong.

Defend from every angle at Syngenta.ca/CornTraits

Images are representative of Syngenta product performance.

Always read and follow label and bag tag directions. DuracadeViptera™ is a trademark of a Syngenta Group Company. All other trademarks are property of their respective owners. © 2023 Syngenta.



SILAGE CORN

We recognize that many of the characteristics desired in a silage corn are different than the characteristics desired in a grain corn. Ultimately, a silage hybrid must produce a robust, reliable, digestible crop that will yield lots of tonnage with high quality and high energy content. Thunder Seed can provide all of this to you through our silage products.



Relative Maturity + Days Scan QR for

SILAGE CORN

TH4076 HDRR BRAND



- · High-digestibility hybrid bred specifically for silage and
- Slower drydown provides longer chopping window
- Great combination of tonnage and total plant digestibility



Relative Maturity

Days

Scan QR for more info



SILAGE CORN

RR BRAND



- Quick out of the ground and great seedling vigor
- Great yield, grain quality, and digestibility
- Flint/dent hybrid sets kernel quickly but drydown is slower



Relative Maturity +

Days

Scan QR for

SILAGE CORN

VT2P BRAND



TH6180 VT2P

- Great silage and grazing hybrid with corn borer protection
- Good quality, yield, and digestibility across wide range of environments
- Solid agronomics and nice flint/dent kernels allow slower drydown



NEW	PRODUCT	MATURITY	FLOWERING	CHU'S TO Black layer	PLANT HEIGHT	EAR HEIGHT	EAR TYPE	PLANTING RATE	KERNEL ROWS	SEEDLING VIGOR	ROOT RATING	STALK RATING	DROUGHT TOL.	GREENSNAP	STAYGREEN	DRYDOWN	TEST WEIGHT	GOSS'S WILT	NCLB	SILAGE POTENTIAL	TOUGH CONDITIONS	VARIABLE CONDITIONS	IDEAL CONDITIONS	HERBICIDE SENSITIVITY
	TH4076 HDRR	76	Med-Late	2150	MT	М	SF	М	14-16	2.0	1.0	3.0	2.0	2.0	2.0	4.0	3.0	N/A	2.0	1.5	VG	VG	VG	Ok
	TH4126 RR	79	Medium	2250	MT	М	SF	МН	12-16	2.0	2.0	2.0	3.0	2.0	2.0	4.0	2.0	N/A	N/A	2.0	VG	VG	VG	Ok
	TH6180 VT2P	80	Medium	2300	Т	М	SF	MH	14-16	2.0	2.0	2.0	2.5	2.0	2.0	4.0	2.0	N/A	N/A	2.0	VG	VG	VG	Ok



2025 SEED GUIDE - SILAGE CORN

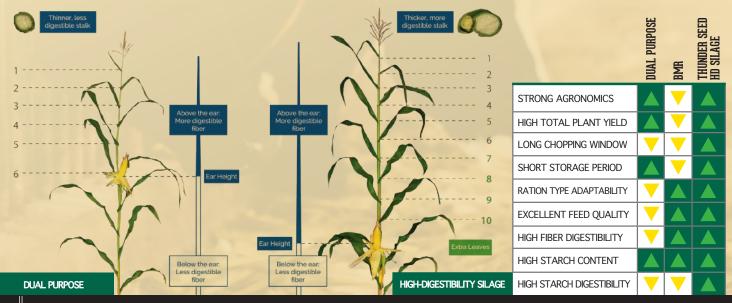
HIGH-DIGESTIBILITY

SILAGE CORN

We recognize that many of the characteristics desired in a silage corn are greatly different than the characteristics desired in a grain corn. With that in mind, we are working closely with silage breeders that do nothing but silage for our silage lineup. Their entire focus is delivering the best silage with high total plant yield of digestible starch and fiber, a long harvest/chopping window in which the plant dries to the appropriate moisture and remains there for an extended time, and adequate sugars to promote fermentation. *Ultimately, a silage hybrid must produce a robust, reliable, digestible crop that will yield lots of tonnage with high quality and high energy content.*Thunder Seed can provide all of this to you through our High-Digestibility (HD) silage products.

Thunder Seed High-Digestibility (HD) Silage Corn has been bred for ideal silage characteristics.

Yield	High total plant yield of digestible forage.
Kernel Moisture	50% milk line for as long as possible at silage harvest time.
Kernel Hardness	Soft and easily broken for maximum digestion in the rumen.
Kemel Size	Large kernels to increase the possibility of breakage.
Stalk Moisture	Dries to achieve 65% total plant moisture and stays in that range extending harvest window.
Stalk Integrity	As soft and flexible as possible yet strong enough to remain standing through silage harvest.
Ear Height	Low position on stalk to increase proportion of digestible fiber above the ear.
Ideal At Harvest	Large plant with a soft stalk and big ear with large breakable kemels. Stalk and ear dry at a complimentary rate.



SILAGE CORN

Days Scan QR for

NEW TH2575 HDCONV BRAND



- Impressive tall plant with great canopy and wide leaves
- Good size ears with flex and more kernel rows; low ear height for stalks having better fiber digestibility
- White cob with deep kernels and soft, slow-drying, highly digestible starch

→ Relative Maturity +

Relative Maturity +

Days

Scan QR for

SILAGE CORN



- Exciting silage hybrid with all the great High-Digestibility characteristics
- Big plant with lots of leaves, and large ears with soft floury kernels for great starch digestibility
- Strong agronomics and slow drydown for long chopping window



→ Relative Maturity +

Days

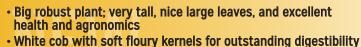
Scan QR for more info

TH4595 HDRR



SILAGE CORN

NEW TH4595 HDRR BRAND



 Big silage yields providing great feed quality and slow dry down allowing a long chopping window



Politico de	Proboci	MATURITY	PLANT HEIGHT	EAR HEIGHT	PLANTING RATE	COB COLOR	AGRONOMICS	DROUGHT TOLERANCE	GOSS'S WILT	TOTAL PLANT YIELD	CHOPPING WINDOW	SHORT STORAGE PERIOD	RATION TYPE ADAPTABILIT	FEED QUALITY	FIBER DIGESTIBILITY	STARCH CONTENT	STARCH DIGESTIBILITY	
TH2575	HDCONV	75	Tall	L	ML	White	1.5	2.0	2.5	1.0	1.5	2.0	1.0	1.5	2.0	2.0	2.0	
TH438	6 HDRR	86	Tall	L	ML	Pink	1.5	N/A	2.5	1.5	1.5	1.5	1.0	1.5	2.0	2.0	1.5	
TH459	5 HDRR	95	Tall	L	ML	White	1.5	2.0	2.0	1.0	1.5	1.0	1.0	1.0	2.0	2.0	1.0	

BMP's for growing Thunder Seed High-Digestibility (HD) Silage-Specific Corn:

- Fertilize and prepare your fields as you normally would. Provide proper fertility to get the best yield quantity and quality.
- Plant at medium-low populations to realize optimal yield. This may typically equate to around 3,000-5,000 plants/acre fewer than you typically do for grain, depending on your environment. However, do not exceed 30,000 plants/acre regardless of how good your growing conditions may be. Thunder's High-Digestibility Silage hybrids are bred to have large flex ears and large robust plant stature.
- Do not harvest for grain. The soft kernels stay at a high moisture content for a longer time to lengthen the chopping window.

THE SOYBEAN SYSTEM YOU CAN'T RESIST

The Roundup Ready® Xtend Crop System combines the high yield potential of Roundup Ready 2 Xtend® soybeans with built-in tolerance to both glyphosate and dicamba chemistries.

Applying the higher rate of Roundup Xtend® in your first pass provides short-term residual activity on small seeded broadleaves* with the added ability to effectively manage resistance concerns.

EARLY SEASON CONTROL TO GET AHEAD OF THE WEEDS AND STAY THERE.

traits.bayer.ca »

*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.

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. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products 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 these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Blyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to glyphosate.



that are not tolerant to glyphosate. **Dicamba** will kill crops that are not tolerant to dicamba. Contact your local crop protection dealer or call the technical support line at 1-888-283-6847 for recommended Roundup Ready ** Ended Crop System weed control programs. Bayer, Bayer Cross, Roundup Ready 2 Xtend*, Roundup Xtend*, Roundup



THE YIELD YOU WANT, THE CHOICE YOU NEED.





THE TRAIT

The Roundup Ready® Xtend Crop System is expanding to provide farmers with more choices than ever. With XtendFlex® soybeans, farmers can continue to count on the high-yielding performance they've come to expect at harvest, now with the addition of glufosinate tolerance.

HERBICIDE TOLERANCE

- Dicamba (Group 4)
- Glyphosate (Group 9)
- Glufosinate (Group 10)

FEATURES AND BENEFITS

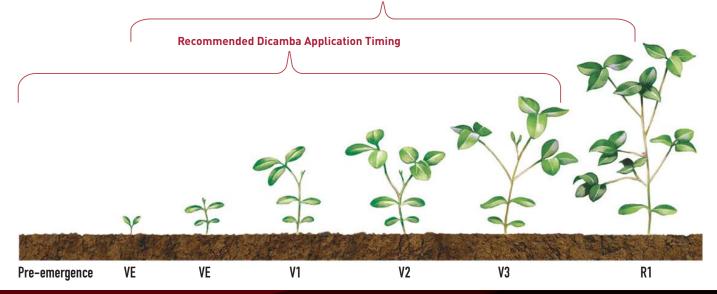
- Triple over-the-top herbicide tolerance provides choice and flexibility to manage tough-to-control and resistant weeds including kochia, waterhemp, Canada fleabane and giant ragweed
- Built on Roundup Ready 2 Xtend® technology for proven yield performance
- As part of the Roundup Ready Xtend Crop System, Roundup Xtend® 2 or XtendiMax® 2 herbicides (both with VaporGrip® Technology), can be used in the first herbicide pass for short-term residual activity on tough small-seeded broadleaf weeds, such as lamb's quarters, redroot pigweed and common ragweed
- Ability to use dicamba in your first herbicide pass provides beneficial early residual control that helps protect your crop's yield potential. Trials showed a 2.4 bu./ac.¹ increase due to reduced early weed competition from residual dicamba activity.*
- Glufosinate tolerance provides added flexibility for a non-selective post-emergent application²
- Allows you to follow proper herbicide resistance management strategies, including using multiple effective modes of action throughout the season

¹Source: Bayer Market Development research trials, 2008–2014 (n=39). Average of 2.4 bu./ac. advantage over 2-pass.

²In accordance with label requirements.

APPLICATION WINDOW

Recommended Glyphosate or Glufosinate Application Timing





2025 SEED GUIDE - SOYBEANS

SOYBEANS

The large selection of soybeans means that we are able to accommodate your soil's needs and provide disease and pest protection for maximum yields. Our lineup includes Roundup Ready 2 Xtend®, XtendFlex® and Enlist E3 providing high level of tolerance a broad range of herbicides able to address any weed problems you may have in your fields.





SOYBEAN

TH84002X BRAND

IDC 1.7 PRR GENE 1c



- Extremely well-rounded and widely adapted to western Canada
- Impressive yield potential for early group 00 maturity
- Solid defensive characteristics including IDC, PRR, and white mold tolerance





SOYBEAN

TH87003 R2X BRAND

PRR GENE 1c



- Tall, aggressive, and impressive variety
- Excellent yields consistently across zones and soil types
- Great IDC, SCN and disease package



NEW	PRODUCT	Trait	MATURITY	PLANT HEIGHT	PLANT TYPE	EMERGENCE	STANDABILITY	O	SCN	PHYTOPHTHORA GENE	PHYTOPHTHORA FIELD Tolerance	WHITE MOLD	СНО	FLOWER COLOR	HILUM COLOR	POD COLOR	PUBESCENCE COLOR
	TH84002X	Xtend	00.2	MT	Intermediate	2.0	1.5	1.7	R	1c	2.0	2.5	2350	Р	BL	BR	ТВ
	TH87003 R2X	Xtend	00.3	Т	Intermediate	1.5	2.5	1.7	R	1c	2.0	2.5	2375	Р	BL	BR	ТВ



2025 SEED GUIDE - SOYBEANS



NEW TH85003XF BRAND

PRR GENE 1k



TH85003XF

SOYBEAN

SOYBEAN

- Outstanding XtendFlex variety with great consistent yields and more weed control options
- Strong agronomics, good plant height, and productive branches contribute to excellent overall performance
- Broadly adapted for varied conditions across western Canada with very good IDC, white mold, PRR tolerance, and SCN





TH82005 R2X BRAND

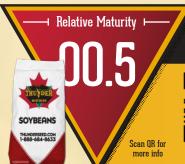
IDC 1.7

PRR GENE 1k



- Consistent look and good yield potential across MB acres
- Strong emergence and very good IDC and salt tolerance
- Nice plant type that works across row widths and soils types





SOYBEAN

IDC 1.9 PRR GENE 1c



- Tall bushy plant fills the rows, stands very well, and has a great appearance with heavy pod load
- XtendFlex trait brings more weed weed control power
- Excellent emergence and solid yields; best positioned in maturity zone and south

XTENDFLEX.

NEW	PRODUCT	Trait	MATURITY	PLANT HEIGHT	PLANT TYPE	EMERGENCE	STANDABILITY	OCI	SCN	PHYTOPHTHORA GENE	PHYTOPHTHORA FIELD Tolerance	WHITE MOLD	СНО	FLOWER COLOR	HILUM COLOR	POD COLOR	PUBESCENCE COLOR
NEW	TH85003XF	XFLEX	00.3	М	Intermediate	2.0	2.0	1.7	R	1c3a	2.5	2.0	2375	Р	BR	LB	LT
	TH82005 R2X	Xtend	00.5	MT	Intermediate/Bushy	1.5	2.5	1.7	S	1k	2.5	3.0	2425	Р	BR	BR	LT
	TH84005XF	XFLEX	00.5	Т	Intermediate/Bushy	1.5	2.0	1.9	R	1c	2.5	3.0	2425	Р	BL	BR	ТВ



SOYBEAN

TH81007 R2XN BRAND

IDC 1.8 PRR GENE H1c



- Complete combination of yield, agronomics, and disease defense
- Nice medium-tall plant with good width to fill the rows
- Excellent IDC and PRR field tolerance in addition to SCN resistance





BRAND

SOYBEAN



- Impressive Enlist variety with a huge leap forward with yield potential
- Complete package of agronomics, stress tolerance, and defense
- Productive lateral branches set pods and show wide yield expression across the row



PRR GENE 3a

IDC 1.7

Relative Maturity + Scan QR for

SOYBEAN

TH**7411E** brand



- Great performance central and east; well suited for **Eastern Canada**
- Excellent phytophthora root rot and white mold tolerance
- · High yield potential on moderate plant type with excellent standability



IDC 1.7

PRR GENE 1c

NEW	PRODUCT	Trait	MATURITY	PLANT HEIGHT	PLANT TYPE	EMERGENCE	STANDABILITY	O	SCN	PHYTOPHTHORA GENE	PHYTOPHTHORA FIELD Tolerance	WHITE MOLD	DE 3	FLOWER COLOR	HILUM COLOR	POD COLOR	PUBESCENCE COLOR
	TH81007 R2XN	Xtend	00.7	MT	Intermediate	2.0	2.5	1.8	R	H1c	2.0	2.5	2475	Р	BR	BR	ТВ
	TH74007E	ENLIST	00.7	М	Bushy	1.5	2.0	1.7	R	3a	1.5	2.5	2475	Р	BU	LB	G
	TH7411E	ENLIST	1.1	М	Intermediate	2.0	1.5	1.7	R	1c	1.5	2.0	2825	Р	IB	LB	G

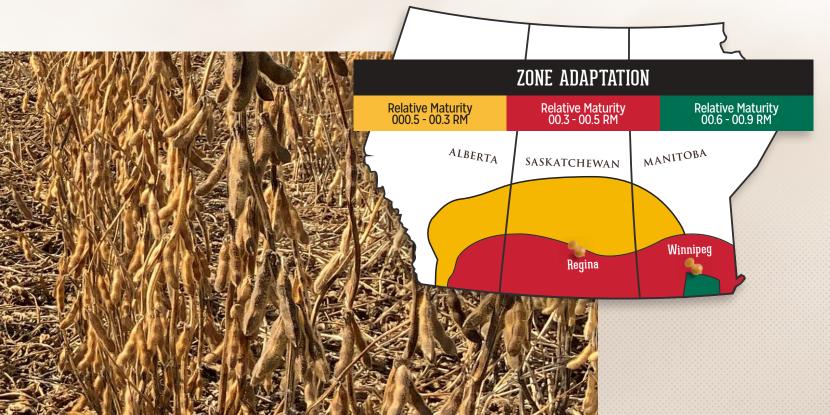


2025 SEED GUIDE - SOYBEANS

AGRONOMIC INFORMATION GUIDE

NEW	PRODUCT	Trait	MATURITY	PLANT HEIGHT	PLANT TYPE	EMERGENCE	STANDABILITY	9	SCN	PHYTOPHTHORA GENE	PHYTOPHTHORA FIELD TOLERANCE	WHITE MOLD	CHO	FLOWER COLOR	HILUM COLOR	POD COLOR	PUBESCENCE COLOR
	TH84002X	Xtend	00.2	MT	Intermediate	2.0	1.5	1.7	R	1c	2.0	2.5	2350	Р	BL	BR	ТВ
	TH87003 R2X	Xtend	00.3	Т	Intermediate	1.5	2.5	1.7	R	1c	2.0	2.5	2375	Р	BL	BR	ТВ
NEW	TH85003XF	XFLEX	00.3	М	Intermediate	2.0	2.0	1.7	R	1c3a	2.5	2.0	2375	Р	BR	LB	LT
	TH82005 R2X	Xtend	00.5	MT	Intermediate/Bushy	1.5	2.5	1.7	S	1k	2.5	3.0	2425	Р	BR	BR	LT
	TH84005XF	XFLEX	00.5	Т	Intermediate/Bushy	1.5	2.0	1.9	R	1c	2.5	3.0	2425	Р	BL	BR	ТВ
	TH81007 R2XN	Xtend	00.7	MT	Intermediate	2.0	2.5	1.8	R	H1c	2.0	2.5	2475	Р	BR	BR	ТВ
	TH74007E	ENLIST	00.7	М	Bushy	1.5	2.0	1.7	R	3a	1.5	2.5	2475	Р	BU	LB	G
	TH7411E	ENLIST	1.1	М	Intermediate	2.0	1.5	1.7	R	1c	1.5	2.0	2825	Р	IB	LB	G

Xtend - Roundup Ready 2 Xtend® Soybeans | XFlex - XtendFlex® Soybeans | Enlist E3 - Enlist E3® Soybeans RATING: 1 | EXCELLENT 2 | VERY GOOD 3 | GOOD 4 | BELOW AVERAGE 5 | POOR PLANT HEIGHT: S | SHORT MS | MEDIUM SHORT M | MEDIUM MT | MEDIUM TALL T | TALL









Enlist E3™ soybean varieties are now available. Using the Enlist weed control system, farmers can take control of resistant and hard-to-control weeds.

The Enlist™ weed control system will change how you think about weed management in soybeans.

WHY USE THE ENLIST WEED CONTROL SYSTEM?

- **)** A system with new traits providing herbicide tolerance in soybeans
- Herbicide solutions built on an improved form of 2,4-D that lands and stays on target, enables management of hard-to-control and resistant weeds with Group 4 herbicides
- **>** Enlist Stewardship resources that support the use of multiple modes of action to manage resistant weeds, provide training, and promote responsible and sustainable use

Enlist E3™ Soybeans

Enlist E3 soybeans provide high-yielding soybean genetics and industry leading triple-mode of action herbicide tolerance.

WHY USE ENLIST E3 SOYBEANS?

- Enlist E3 soybeans are tolerant to 2,4-D, glyphosate and glufosinate herbicides, which are part of a strong resistance management strategy
- **>** Excellent crop tolerance enabling applications up to the R2 growth stage

Enlist™ herbicides that land and stay on target



Enlist Duo provides the convenience of both 2,4-D choline and glyphosate in one formulation for control of grasses and broadleaf weeds including hardto-control and resistant weeds.



FLEXIBILITY AND CHOICE.

COMPLETE CONVENIENCE.

Enlist 1, a stand-alone 2,4-D choline formulation, provides the flexibility to tank-mix and adjust the rates of glyphosate or Liberty® 200 SN (alufosinate) for hard-to-control and resistant weeds.

Learn more at EnlistCanada.ca

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 The transgenic soybean event in Enlist E3* soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies L.L.C. Enlist Duo" and Enlist** 1 are the only 2,4-D products authorized for use with Enlist** crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions. | 0724-22438

STAY INFORMED WHILE YOU



Text THUNDERSEED to 25827 to join our text club to stay up to date on current information!



@thunder_seed

/thunder seed

From our website to social media pages, we offer several resources for you to stay connected with us. Through these channels, you'll have the agronomic insight you need on new seed varieties, treatments and techniques to maximize yield potential.

Be sure to join us around the cyber tailgate! Stay connected with us on Facebook, Twitter and Instagram and check out our videos on our website, dunderseed.com.

WE'RE FARMERS

ADAMS FARMS

The Adams family's agricultural roots run deep in Minnesota, where the family's youngest generation continues to farm in Wendell. It's a passion that led them into agribusiness in the 1950s as Adams Seed — a legacy that continues today as part of Thunder Seed.



PETERMANN FARMS

The Petermann family lives and farms in Hawley, Minnesota, where their strong passion for agriculture continues from generation to generation. In 1960, they formed Petermann Seeds Inc. to share their success with others.



TOBOLT FARMS

Farming is way of life for the Tobolt family, who live and farm in Moorhead, Minnesota. Tobolt Seed, an 80-year-old family-owned business, continues helping farmers today as part of Thunder Seed.









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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal 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 products 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 AND APPROVED FOR SUCH USES. Contact the Pest Management 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®

Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glufosinate 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 glyphosate. 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.

RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup Ready 2 Ytend®, Roundup Ready®, Roundup



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.









Enlist £3® Soybeans
Enlist £3® soybeans contain the Enlist £3 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 £3 soybeans. WARNING: Enlist £3 soybeans are tolerant of over-the top applications of glyphosate, glufosinate, and 2,4-D. Accidental application of incompatible herbicides to this variety could result in total crop loss. When using 2,4-D herbicides grower agrees to only use 2,4-D products that contain Colex-D technology and are expressly labeled for use on Enlist Crops. 2,4-D products that do not contain Colex-D technology use Agreement in effect on the product Use Guide prior to planting. This seed is acquired under an agreement that includes the following terms: These seeds are covered under Corteva Agriscience and MS Technologies Patent Rights which can be found at: www.corteva.ca/en/trait-stewardship.html. 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 Canada under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

A license must first be obtained from Corteva Agriscience by signing a Technology Use Agreement and abiding by the terms and conditions of the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use Requirements detailed therein which can be found at www.corteva.ca/en/trait-stewardship.html.

The transpenic soybean event in the Enlist £3™ soybean is protected under Corteva Agriscience and M.S. Technologies



Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience LLC.

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.

More information about Duracade™ is available at http://www.biotradestatus.com/

Agrisure®, Agrisure® Above, Duracade TM , DuracadeViptera TM , Viptera TM and E-Z Refuge® are trademarks of a Syngenta Group Company.







And on the 8th day, God looked down on his planned paradise and said, "I need a caretaker"

So God made a Farmer.

