



PRODUCT GUIDE 2027



SOYBEANS



GRAIN
CORN



SILAGE
CORN



FORAGES

OUR COMMITMENT

Thank you for choosing NorthStar Genetics! We sincerely appreciate your business.

You can count on us for:

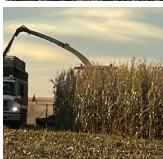
- Top performing soybean, corn, and forage seed for grain, beef, bison, sheep, and dairy farmers.
- A knowledgeable local agronomy team that understands Western Canadian agriculture.
- Personalized customer service and dedicated team that is easy to work with.
- Ongoing product evaluation through research and demonstration sites.
- Reliable Western Canadian infrastructure to deliver you high quality seed when you need it.

Feel free to contact anyone from our team at any time. We'd love to learn more about you and your business. Thanks,



Travis Williams

CEO, NorthStar Genetics



Proud to be 100% Western Canadian owned and operated.



Meet the Game Changer, NSC HOLLAND.

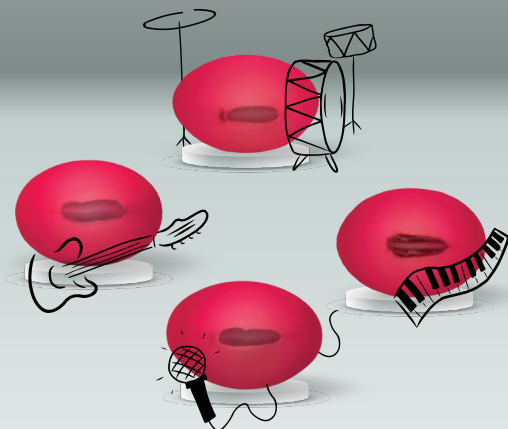
High yielding 00.4 maturity that performs in
ALL environments.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops 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 1-800-457-4944 for recommended Roundup Ready® Xtend Crop System weed control programs. Roundup Ready 2 Xtend® is a registered trademark of Bayer Group. Used under license.

ROUNDUP READY 2
Xtend
SOYBEANS

Four ways to rock early season disease

Visit Syngenta.ca/VayantisIV to see how Vayantis IV can help you have a smash hit start to the season.



Always read and follow label directions. Vayantis IV is an on-seed application of Vibrance Trio fungicide seed treatment and Vayantis fungicide seed treatment. Vayantis® and the Syngenta logo are trademarks of a Syngenta Group Company. © 2022 Syngenta.

 **Vayantis® IV**

syngenta®

SOYBEANS



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NSC DAUPHIN RR2X

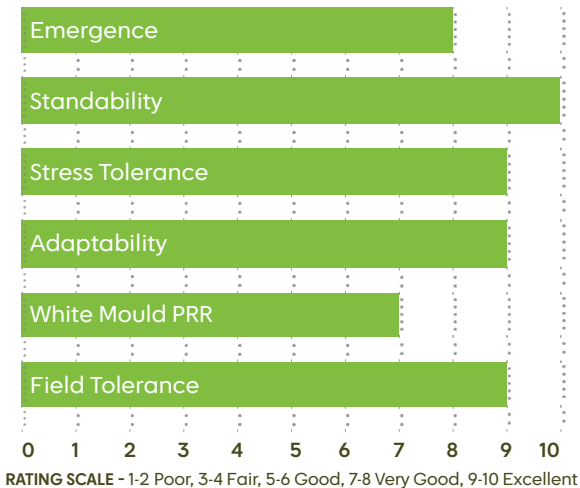
2250 CHU

KEY STRENGTHS

- Ultra-early maturing and suitable across Western Canada
- Exceptional yields for maturity
- Very good emergence and stress tolerance
- Excellent standability and phytophthora field tolerance

CHARACTERISTICS

<i>Relative Maturity</i> 000.8	<i>CHU</i> 2250
<i>Plant Type</i> Slender	<i>Row Spacing</i> <15"
<i>Plant Height</i> Medium-Tall	<i>IDC</i> Moderately Susceptible
<i>Phytophthora</i> Rps1c	<i>SCN</i> No
<i>Hilum Colour</i> Imperfect Yellow	<i>Pubescence</i> Light Tawny



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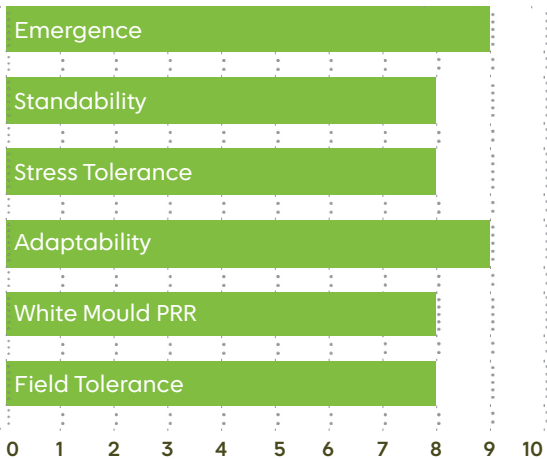
NEW NSC NEWDALE RR2X 2300 CHU

KEY STRENGTHS

- Exceptional yields in an early maturity class
- Bushy and covers the ground quickly
- Aggressive plant structure, adaptive to no till environments
- Great disease package

CHARACTERISTICS

<i>Relative Maturity</i> 00.1	<i>CHU</i> 2300
<i>Plant Type</i> Semi-Bush	<i>Row Spacing</i> 10-24"
<i>Plant Height</i> Medium-Tall	<i>IDC</i> Semi-Tolerant
<i>Phytophthora</i> Rps1c	<i>SCN</i> Yes
<i>Hilum Colour</i> Black	<i>Pubescence</i> Tan



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



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NSC ARDEN RR2X

2350 CHU

KEY STRENGTHS

- Excellent yield potential for its maturity
- Very strong stress and drought tolerance
- Excellent IDC and white mould tolerance
- Very good standability and ease to harvest

CHARACTERISTICS

<i>Relative Maturity</i> 00.2	<i>CHU</i> 2350
<i>Plant Type</i> Semi-Bush	<i>Row Spacing</i> <20"
<i>Plant Height</i> Medium	<i>IDC</i> Tolerant
<i>Phytophthora</i> Rps1c	<i>SCN</i> No
<i>Hilum Colour</i> Black	<i>Pubescence</i> Tawny

Emergence

Standability

Stress Tolerance

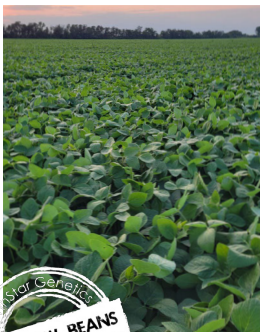
Adaptability

White Mould PRR

Field Tolerance

0 1 2 3 4 5 6 7 8 9 10

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



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SOYBEANS



NSC ENFORCE E3

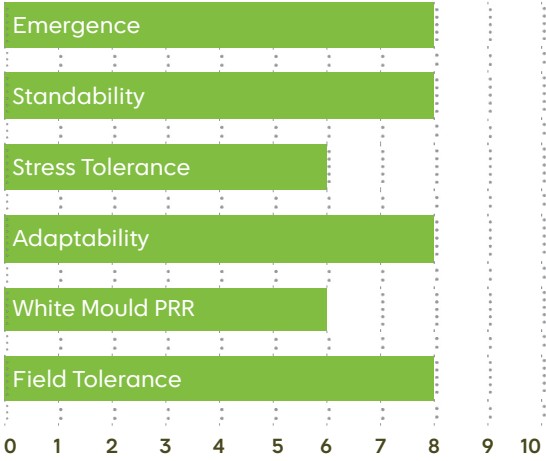
2400 CHU

KEY STRENGTHS

- Very strong yield potential, performs well in all maturity zones
- Widely adaptable – can be grown in various soil types
- Excellent for addressing specific weed concerns such as waterhemp

CHARACTERISTICS

<i>Relative Maturity</i> 00.4	<i>CHU</i> 2375
<i>Plant Type</i> Medium Slender	<i>Row Spacing</i> 10-24"
<i>Plant Height</i> Medium	<i>IDC</i> Semi-Tolerant
<i>Phytophthora</i> Rps1k	<i>SCN</i> No
<i>Hilum Colour</i> Yellow	<i>Pubescence</i> Gray



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



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NSC HOLLAND RR2X

2400 CHU

KEY STRENGTHS

- Top yield potential in its maturity class
- Aggressive bean that works in all environments, soil types, and row widths
- Good IDC and white mould tolerance
- Very strong emergence and standability

CHARACTERISTICS

<i>Relative Maturity</i> 00.4	<i>CHU</i> 2400
<i>Plant Type</i> Semi-Bush	<i>Row Spacing</i> 12-24"
<i>Plant Height</i> Tall	<i>IDC</i> Semi-Tolerant
<i>Phytophthora</i> Rps1c	<i>SCN</i> No
<i>Hilum Colour</i> Brown	<i>Pubescence</i> Light Tawny

Emergence

Standability

Stress Tolerance

Adaptability

White Mould PRR

Field Tolerance

0 1 2 3 4 5 6 7 8 9 10

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



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NSC OAKBANK RR2X

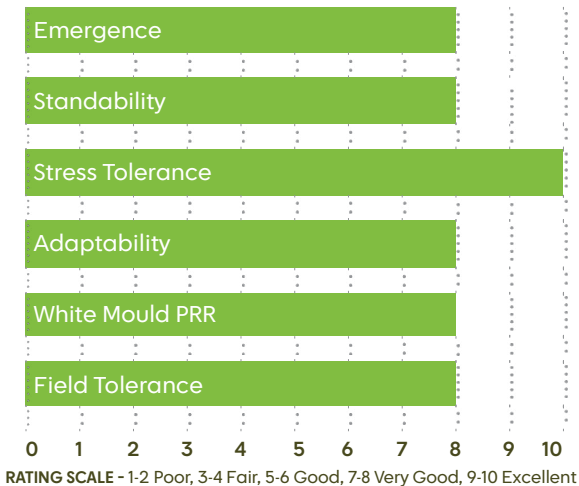
2425 CHU

KEY STRENGTHS

- Exceptional trial results for the past 2 years
- Tall, bushy plant with excellent stress tolerance
- Excellent IDC and very strong disease package
- Soybean cyst nematode resistant

CHARACTERISTICS

<i>Relative Maturity</i> 00.5	<i>CHU</i> 2425
<i>Plant Type</i> Semi-Bush	<i>Row Spacing</i> 10-24"
<i>Plant Height</i> Medium-Tall	<i>IDC</i> Semi-Tolerant
<i>Phytophthora</i> Rps1c	<i>SCN</i> Yes
<i>Hilum Colour</i> Black	<i>Pubescence</i> Light Tan



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NSC HOMEWOOD RR2X 2450 CHU

KEY STRENGTHS

- Fantastic yield potential for medium to longer growing seasons in Manitoba
- Excellent standability and emergence
- Very strong IDC rating

CHARACTERISTICS

<i>Relative Maturity</i> 00.6	<i>CHU</i> 2450
<i>Plant Type</i> Semi-Bush	<i>Row Spacing</i> 12-24"
<i>Plant Height</i> Tall	<i>IDC</i> Tolerant
<i>Phytophthora</i> Rps1c	<i>SCN</i> No
<i>Hilum Colour</i> Black	<i>Pubescence</i> Light Tawny

Emergence

Standability

Stress Tolerance

Adaptability

White Mould PRR

Field Tolerance

0 1 2 3 4 5 6 7 8 9 10

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



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NSC WINKLER RR2X

2500 CHU

KEY STRENGTHS

- Exceptional yield - highest trial win rate in Red River Valley
- Tall, bushy plant very well suited to wide row spacing
- Excellent IDC and very strong disease package
- Soybean cyst nematode resistant

CHARACTERISTICS

<i>Relative Maturity</i> 00.8	<i>CHU</i> 2500
<i>Plant Type</i> Bush	<i>Row Spacing</i> 15-30"
<i>Plant Height</i> Tall	<i>IDC</i> Semi-Tolerant
<i>Phytophthora</i> Rps1c	<i>SCN</i> Yes
<i>Hilum Colour</i> Black	<i>Pubescence</i> Light Tawny



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



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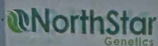
SOYBEANS

VARIETY	RM	CHU	IDC	PHYTOPHTHORA	SCN	PLANT TYPE	PLANT HEIGHT	ROW SPACING	PUBESCENCE
NSC Dauphin RR2X	000.8	2250	Moderately Susceptible	Rps1c	No	Slender	Medium-Tall	<15"	Light Tawny
NSC Newdale RR2X	00.1	2300	Semi-Tolerant	Rps1c	Yes	Semi-Bush	Medium-Tall	10-24"	Tan
NSC Arden RR2X	00.2	2350	Tolerant	Rps1c	No	Semi-Bush	Medium	<20"	Tawny
NSC Enforce E3	00.4	2400	Semi-Tolerant	Rps1k	No	Medium slender	Medium	10-24"	Gray
NSC Holland RR2X	00.4	2400	Semi-Tolerant	Rps1c	No	Semi-Bush	Tall	12-24"	Light Tawny
NSC Oakbank RR2X	00.5	2425	Semi-Tolerant	Rps1c	Yes	Semi-Bush	Medium-Tall	10-24"	Light Tan
NSC Homewood RR2X	00.6	2450	Tolerant	Rps1c	No	Semi-Bush	Tall	12-24"	Light Tawny
NSC Winkler RR2X	00.8	2500	Semi-Tolerant	Rps1c	Yes	Bush	Tall	15-30"	Light Tawny

NEW

HILLUM COLOUR	EMERGENCE	STANDABILITY	STRESS TOLERANCE	ADAPTABILITY	WHITE MOULD	PRR FIELD TOLERANCE	VARIETY
Imperfect Yellow	8	10	9	9	7	9	NSC Dauphin RR2X
Black	9	8	8	9	8	8	NSC NewdaleRR2X
Black	9	8	9	9	9	8	NSC Arden RR2X
Yellow	8	8	6	8	6	8	NSC Enforce E3
Brown	9	8	9	10	8	7	NSC Holland RR2X
Black	8	8	10	8	8	8	NSC OakbankRR2X
Black	9	9	9	9	8	8	NSC Homewood RR2X
Black	9	9	8	8	7	8	NSC Winkler RR2X

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



NorthStar
Genetics

HOMEWOOD

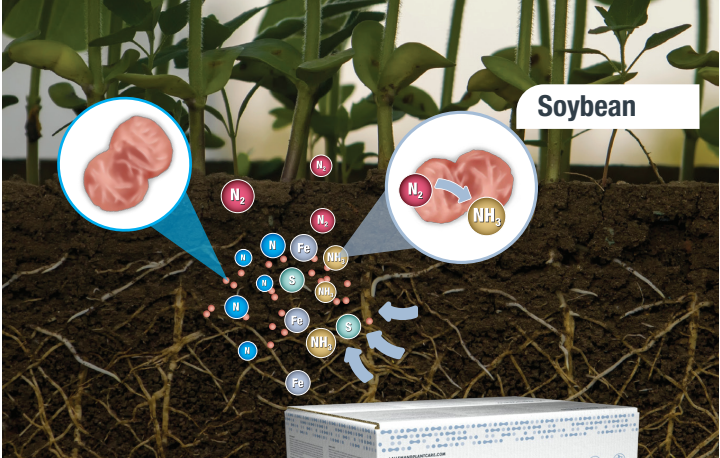
MEET THE RISING STAR NSC HOMEWOOD

**High Yielding 00.6 that shines in the
field. Very Strong IDC.
Rock Star Replacement for NSC
Sperling.**

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops 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 1-800-657-4PM for recommended Roundup Ready® Xtend Crop System weed control programs. Roundup Ready 2 Xtend® is a registered trademark of Bayer Group. Used under license.

ROUNDUP READY 2
X TEND
SOYBEANS

Soybean



**MORE
DETAILS**

A DIFFERENCE YOU CAN SEE

LAL FIX PROYIELD LIQUID SOYBEAN

**INCREASED NODULATION, PLANT MATTER,
& CHLOROPHYLL PRODUCTION RESULTS IN:**

- Greener Plants
- Amplified Nitrogen Fixation
- Enhanced ROI

Microbial by nature

LALLEMANDPLANTCARE.COM

LALLEMAND

#1 FARMERS SHOULDN'T USE A #2 SYSTEM

STAY AHEAD OF WEEDS WITH THE EARLY
SEASON CONTROL OF CANADA'S
#1 GROWN SOYBEAN SYSTEM.

traits.bayer.ca »

Always read and follow insect resistance management requirements (where applicable), grain marketing and all other stewardship practices and pesticide label directions. Scan the QR code or visit traits.bayer.ca/en/product-legal to review important stewardship and product information including regulatory status, grain marketing requirements, herbicide and insect tolerance, pesticide use and product trial results.

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ROUNDUP READY®
X TEND
CROP SYSTEM

ROUNDUP READY 2
X TEND
SOYBEANS

Roundup
X TEND 2
VaporGrip

GRAIN CORN



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GRAIN CORN



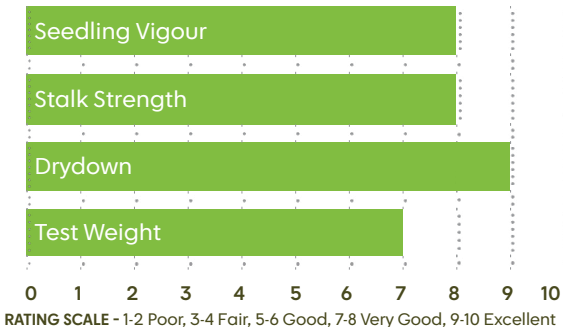
NEW NS 269

2000 CHU
69 Day RM

KEY STRENGTHS

- Competitive yield for ultra early 69 day grain corn market
- Excellent emergence and early season vigour
- Fast drydown

CHARACTERISTICS



<i>Cob Colour</i> Red	<i>Ear Type</i> Semi-Flex
<i>Goss's Wilt</i> Fair	<i>Northern Leaf Blight</i> Average
<i>Husk Cover</i> Adequate	<i>Plant Height</i> Medium-Short
<i>Flowering</i> Early	<i>Ear Height</i> Medium
<i>Staygreen</i> Good	<i>Root Rating</i> Good
<i>Kennel Rows</i> 16-18	<i>Drought Tolerance</i> Average



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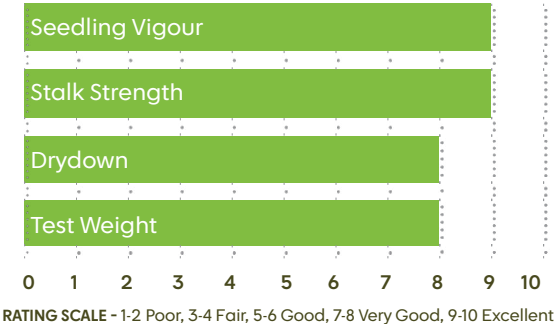
NS 271

2050 CHU
71 Day RM

KEY STRENGTHS

- Strong yield for early hybrid
- Very good test weight
- Fast drydown
- Excellent early vigour
- Strong stalks

CHARACTERISTICS



<i>Cob Colour</i> Red	<i>Ear Type</i> Semi-Flex
<i>Goss's Wilt</i> Very Good	<i>Northern Leaf Blight</i> Very Good
<i>Husk Cover</i> Adequate	<i>Plant Height</i> Medium-Tall
<i>Flowering</i> Early	<i>Ear Height</i> Medium
<i>Staygreen</i> Very Good	<i>Root Rating</i> Very Good
<i>Kennel Rows</i> 12-14	<i>Drought Tolerance</i> Very Good



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GRAIN CORN



NS 273

2125 CHU

73 Day RM

KEY STRENGTHS

- Early hybrid with excellent test weight
- Very good yields under medium to high population
- Very good seedling vigour
- Makes for a good dual purpose hybrid

CHARACTERISTICS



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



<i>Cob Colour</i> Red	<i>Ear Type</i> Determinate
<i>Goss's Wilt</i> Very Good	<i>Northern Leaf Blight</i> Fair
<i>Husk Cover</i> Adequate	<i>Plant Height</i> Medium
<i>Flowering</i> Early	<i>Ear Height</i> Medium
<i>Staygreen</i> Very Good	<i>Root Rating</i> Very Good
<i>Kennel Rows</i> 14-16	<i>Drought Tolerance</i> Very Good



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GRAIN CORN

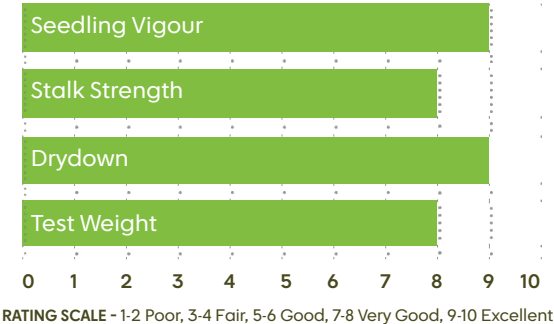


NS 275 2175 CHU
75 Day RM

KEY STRENGTHS

- Excellent yield performance in 75 day relative maturity
- Very good emergence and seedling vigour
- Best performance at medium to medium-high planting density
- Very good roots

CHARACTERISTICS



<i>Cob Colour</i> Red	<i>Ear Type</i> Semi-Flex
<i>Goss's Wilt</i> Good	<i>Northern Leaf Blight</i> Good
<i>Husk Cover</i> Adequate	<i>Plant Height</i> Medium
<i>Flowering</i> Early	<i>Ear Height</i> Medium
<i>Staygreen</i> Very Good	<i>Root Rating</i> Very Good
<i>Kennel Rows</i> 16-18	<i>Drought Tolerance</i> Very Good



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GRAIN CORN

VTDoublePRO®
RIB COMPLETE

NS 277

2225 CHU
77 Day RM

KEY STRENGTHS

- Excellent yields for mid maturity hybrid
- Fast drydown
- Very good test weight
- Responds well to intensive management
- Very good disease tolerance rating

CHARACTERISTICS



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



<i>Cob Colour</i> Red	<i>Ear Type</i> Determinate
<i>Goss's Wilt</i> Very Good	<i>Northern Leaf Blight</i> Very Good
<i>Husk Cover</i> Adequate	<i>Plant Height</i> Short-Medium
<i>Flowering</i> Early	<i>Ear Height</i> Medium
<i>Staygreen</i> Very Good	<i>Root Rating</i> Excellent
<i>Kennel Rows</i> 16-20	<i>Drought Tolerance</i> Good



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GRAIN CORN



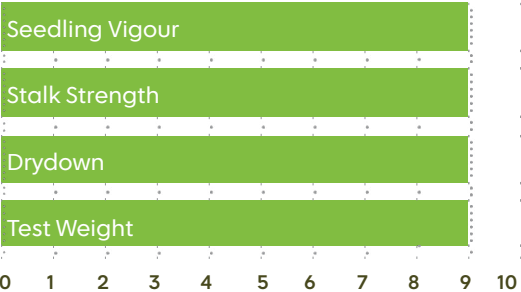
255

2300 CHU
79 Day RM

KEY STRENGTHS

- Excellent yield and drydown
- Responds well to intensive management
- Vigorous spring emergence
- Medium-short sized hybrid with excellent stalks and very good roots
- Well suited to high yield environments

CHARACTERISTICS



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



<i>Cob Colour</i> Red	<i>Ear Type</i> Determinate
<i>Goss's Wilt</i> Very Good	<i>Northern Leaf Blight</i> Very Good
<i>Husk Cover</i> Adequate	<i>Plant Height</i> Medium-Short
<i>Flowering</i> Early	<i>Ear Height</i> Medium-High
<i>Staygreen</i> Very Good	<i>Root Rating</i> Excellent
<i>Kennel Rows</i> 16-20	<i>Drought Tolerance</i> Good



GRAIN CORN



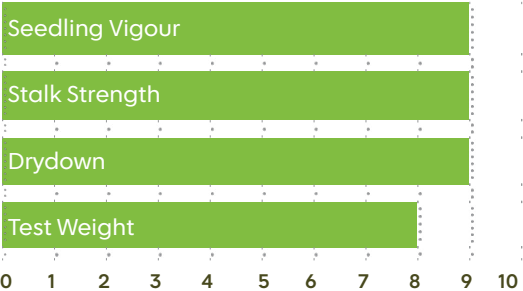
NS 283

2425 CHU
83 Day RM

KEY STRENGTHS

- Excellent yield s under medium to medium-high populations
- Excellent test weight
- Very good early seeding vigour
- Strong roots and stalks
- Very good goss's wilt rating

CHARACTERISTICS



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



<i>Cob Colour</i> Red	<i>Ear Type</i> Semi-Flex
<i>Goss's Wilt</i> Very Good	<i>Northern Leaf Blight</i> Good
<i>Husk Cover</i> Short	<i>Plant Height</i> Medium
<i>Flowering</i> Early	<i>Ear Height</i> Medium-High
<i>Staygreen</i> Very Good	<i>Root Rating</i> Very Good
<i>Kennel Rows</i> 16-20	<i>Drought Tolerance</i> Good



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GRAIN CORN

HYBRID	TRAIT	RM	CHU	PLANTING POPULATION	SEEDLING VIGOUR	STALK STRENGTH	PLANT HEIGHT
NS 269	VT2PRIB	69 Day	2000	32-34,000	8	8	Medium-Short
NS 271	VT2PRIB	71 Day	2050	33-36,000	9	9	Medium-Tall
NS 273	RR2	73 Day	2125	33-36,000	9	8	Medium
NS 275	VT2PRIB	75 Day	2175	33-36,000	9	8	Medium
NS 277	VT2PRIB	77 Day	2225	33-36,000	9	9	Short-Medium
255	VT2PRIB	79 Day	2300	33-36,000	9	9	Medium-Short
NS 283	VT2PRIB	83 Day	2425	33-36,000	9	9	Medium

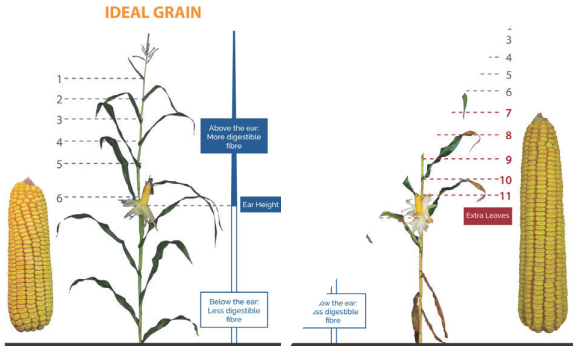
NEW

EAR TYPE	DRYDOWN	TEST WEIGHT	GOSS'S WILT	STAYGREEN	SILAGE SUITABILITY	HYBRID
SemiFlex	9	7	5	7	Fair	NS 269
SemiFlex	8	8	7	8	Fair	NS 271
Determinate	8	9	8	8	Good for Early Season	NS 273
SemiFlex	9	8	6	8	Fair	NS 275
Determinate	9	9	8	8	Fair	NS 277
Determinate	9	9	7	8	Fair	255
SemiFlex	9	8	8	8	Fair	NS 283

RATING SCALE - 1-2 Poor, 3-4 Fair, 5-6 Good, 7-8 Very Good, 9-10 Excellent
VT2PRIB = VT Double PRO ® RIB Complete ®
RR2 = Roundup Ready ® Corn 2

GRAIN VS. SILAGE CORN

Breeding has a profound effect on the architecture and behaviour of a corn hybrid. As a result of very different breeding goals, ideal grain and ideal silage hybrids have mostly opposing characteristics.

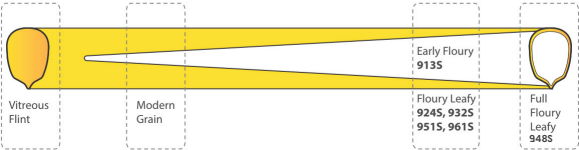


	Ideal Grain	Ideal Silage
Yield	High grain yield with high test weight.	High total plant yield of digestible forage.
Kernel Moisture	As dry as possible at grain harvest time.	50% milk line for as long as possible at silage harvest time.
Kernel Hardness	As hard as possible to decrease possibility of breakage.	Soft and easily broken for maximum digestion in the rumen.
Kernel Size	Small to decrease possibility of breakage.	Large to increase possibility of breakage.
Stalk Moisture	Wet to keep plant alive as long as possible to reach ideal grain harvest.	Dries to achieve 65% total plant moisture and stays in that range to extend harvest window.
Stalk Integrity	As stiff and solid as possible for late season grain harvest.	As soft and flexible as possible, yet strong enough to remain standing through late silage harvest.
Ear Height	High position on the plant to ensure harvest by combine.	Low position on the plant to increase proportion of digestible fibre above the ear.
Ideal At Harvest	Wet strong stalk that supports ears of vitreous, hard, dry kernels.	Large plant with a soft stalk and moist ear of large breakable kernels. Stalk and ear dry at a complimentary rate.

SILAGE SPECIFIC HYBRIDS DELIVER MORE

Why choose a few great silage characteristics when you can have them all?

	Dual Purpose Grain Hybrid	early FLOURY CORN SILAGE	floury LEAFY CORN SILAGE	full floury LEAFY CORN SILAGE
 Strong Agronomics	●	●	●	●
 High Total Plant Yield	●	●●	●●	●●
 Long Harvest Window		●	●	●●
 Ready to Feed Sooner		●	●	●
 Ration Type Adaptability	●	●	●	●
 Excellent Feed Quality		●	●	●
 High Fibre Digestibility		●	●	●
 High Starch Content	●	●	●	●
 High Starch Digestibility		●●	●●	●●●



Above: Dual purpose grain hybrids have a modern grain type kernel with more vitreous starch, while our silage-specific corn hybrids have more floury endosperm types.

SILAGE SPECIFIC CORN



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SILAGE SPECIFIC CORN



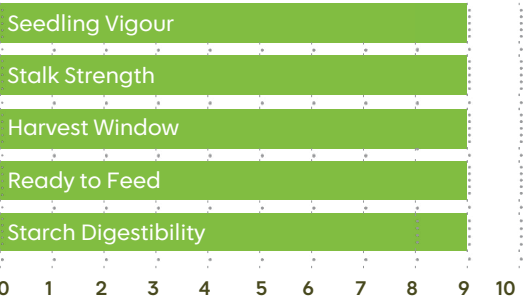
913S

2100-2200 CHU
75 Day RM

KEY STRENGTHS

- Early Floury Corn Silage hybrid
- Excellent tonnage and quality silage
- Long harvest window
- Highly digestible starch and easily digestible fibre
- Excellent stalks and very good roots
- Excellent for grazing
- Also available in conventional 910S

CHARACTERISTICS



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



Cob Colour
White

Ear Type
Flex

Goss's Wilt
Very Good

Northern Leaf Blight
Good

Starch Type
Floury

Plant Height
Tall

Flowering
Early

Ear Height
Low-Medium

Staygreen
Very Good

Root Rating
Excellent

Fibre Digestibility
Very Good

Drought Tolerance
Excellent



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SILAGE SPECIFIC CORN



924S

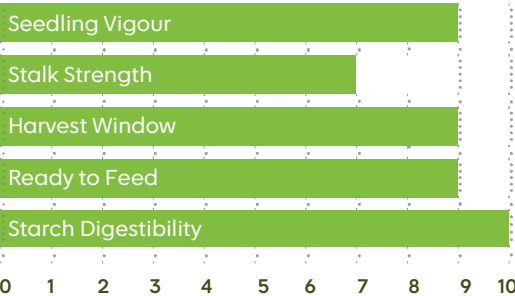
2225-2325 CHU

83 Day RM

KEY STRENGTHS

- Earliest Floury Leafy Corn Silage hybrid in the market
- Excellent tonnage and quality silage
- Long harvest window
- Highly digestible starch and easily digestible fibre
- Excellent stalk and very good roots
- Excellent for grazing
- Also available in conventional 920S

CHARACTERISTICS



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



<i>Cob Colour</i> White	<i>Ear Type</i> Flex
<i>Goss's Wilt</i> Very Good	<i>Northern Leaf Blight</i> Good
<i>Starch Type</i> Leafy Floury	<i>Plant Height</i> Very Tall
<i>Flowering</i> Mid-Late	<i>Ear Height</i> Low-Medium
<i>Staygreen</i> Excellent	<i>Root Rating</i> Very Good
<i>Fibre Digestibility</i> Excellent	<i>Drought Tolerance</i> Excellent



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SILAGE SPECIFIC CORN



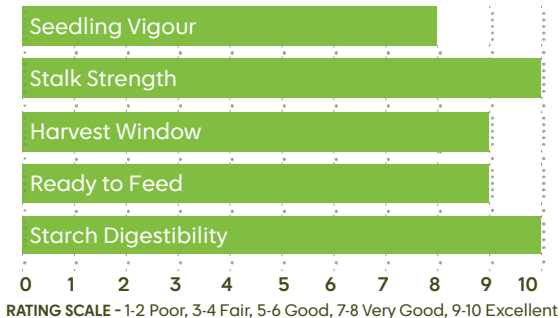
932S

2350-2450 CHU
89 Day RM

KEY STRENGTHS

- Floury Leafy Corn Silage hybrid
- Excellent tonnage and quality silage
- Ready to feed sooner and long harvest window
- Highly digestible starch and easily digestible fibre
- Very large flex ear
- Excellent standability and leaf retention for grazing
- Also available in conventional 930S

CHARACTERISTICS



<i>Cob Colour</i> White	<i>Ear Type</i> Flex
<i>Goss's Wilt</i> Very Good	<i>Northern Leaf Blight</i> Good
<i>Starch Type</i> Leafy Floury	<i>Plant Height</i> Medium-Tall
<i>Flowering</i> Early-Mid	<i>Ear Height</i> Low
<i>Staygreen</i> Very Good	<i>Root Rating</i> Very Good
<i>Fibre Digestibility</i> Excellent	<i>Drought Tolerance</i> Excellent



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SILAGE SPECIFIC CORN



NEW 942S

2350-2450 CHU

89 Day RM

KEY STRENGTHS

- Full Floury Leafy Corn Silage hybrid, very similar to 932S
- Leader in starch digestibility
- Easily digestible fibre
- Excellent standability and leaf retention for grazing
- Very large flex ear
- Ready to feed sooner and long harvest window

CHARACTERISTICS



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



<i>Cob Colour</i> White	<i>Ear Type</i> Flex
<i>Goss's Wilt</i> N/A	<i>Northern Leaf Blight</i> N/A
<i>Starch Type</i> Full Floury	<i>Plant Height</i> Medium-Tall
<i>Flowering</i> Early-Mid	<i>Ear Height</i> Low
<i>Staygreen</i> Very Good	<i>Root Rating</i> Very Good
<i>Fibre Digestibility</i> Excellent	<i>Drought Tolerance</i> Excellent



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SILAGE SPECIFIC CORN



948S

2375-2475 CHU

91 Day RM

KEY STRENGTHS

- Full Floury Leafy Corn Silage hybrid
- Excellent tonnage and quality silage
- Long harvest window
- Highly digestible starch and easily digestible fibre
- Ready to feed sooner
- Very large flex ear

CHARACTERISTICS



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



<i>Cob Colour</i> White	<i>Ear Type</i> Flex
<i>Goss's Wilt</i> N/A	<i>Northern Leaf Blight</i> Good
<i>Starch Type</i> Full Floury	<i>Plant Height</i> Very Tall
<i>Flowering</i> Mid-Late	<i>Ear Height</i> Low
<i>Staygreen</i> Excellent	<i>Root Rating</i> Very Good
<i>Fibre Digestibility</i> Excellent	<i>Drought Tolerance</i> Excellent



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SILAGE SPECIFIC CORN



961S

2450-2550 CHU
95 Day RM

KEY STRENGTHS

- Flourey Leafy Corn Silage hybrid
- Excellent tonnage and quality silage
- Long harvest window
- Highly digestible starch and easily digestible fibre
- Very tall plant with very large flex ear
- Excellent standability and leaf retention for grazing
- Ready to feed sooner

CHARACTERISTICS



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



<i>Cob Colour</i> White	<i>Ear Type</i> Flex
<i>Goss's Wilt</i> Very Good	<i>Northern Leaf Blight</i> Good
<i>Starch Type</i> Leafy Floury	<i>Plant Height</i> Very Tall
<i>Flowering</i> Early-Mid	<i>Ear Height</i> Low-Medium
<i>Staygreen</i> Excellent	<i>Root Rating</i> Very Good
<i>Fibre Digestibility</i> Excellent	<i>Drought Tolerance</i> Excellent



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SILAGE SPECIFIC CORN

HYBRID	TRAIT	RM	CHU	PLANTING POPULATION*	SEEDLING VIGOUR	STALK STRENGTH
910S	Conventional	73 Day	2050 -2150	32,000	9	9
913S	RR2	75 Day	2100 - 2200	32,000	9	9
920S	Conventional	82 Day	2200 - 2300	28 - 30,000	9	8
924S	RR2	83 Day	2225 - 2325	28 - 30,000	9	7
930S	Conventional	89 Day	2300 -2400	28 - 30,000	9	8
932S	RR2	89 Day	2350 - 2450	28 - 30,000	8	10
942S	RR2	89 Day	2350 - 2450	28 - 30,000	8	10
948S	RR2	91 Day	2375 - 2475	28 - 30,000	7	8
951S	RR2	91 Day	2375 - 2475	28 - 30,000	7	9
961S	RR2	95 Day	2450 - 2550	28 - 30,000	9	9

NEW

All Silage Corn make excellent grazing products. We recommend keeping the planting population in the higher range to avoid too large of stalks to make the corn even more gentler on the cows' hooves, and to obtain the best cleanup.

PLANT HEIGHT	EAR TYPE	HARVEST WINDOW	READY TO FEED	STARCH DIGEST	SILAGE TRAIT	GOSS'S WILT	HYBRID
Tall	Flex	9	9	9	Floury	8	910S
Tall	Flex	9	9	9	Floury	8	913S
Tall	Flex	9	9	10	Floury/Leafy	N/A	920S
Very Tall	Flex	9	9	10	Floury/Leafy	N/A	924S
Medium-Tall	Flex	9	9	10	Floury/Leafy	8	930S
Medium-Tall	Flex	9	9	10	Floury/Leafy	8	932S
Medium-Tall	Flex	10	9	10+	Full Floury/Leafy	N/A	942S
Very Tall	Flex	10	9	10+	Full Floury/Leafy	N/A	948S
Very Tall	Flex	9	9	10	Floury/Leafy	8	951S
Very Tall	Flex	9	9	10	Floury/Leafy	8	961S

Helping hands where and when you need them most

Revolutionary seed treatment insecticide,
inner strength for protection.



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FORAGES



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ALFALFA

PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Sangha Alfalfa *	Hay & Pasture			Moderate moisture, well-drained soils.	Deep tap root system and strong disease package provide enhanced Aphanomyces resistance. Able to withstand extended cold and harsh winters.
Algonquin Alfalfa *	Hay & Pasture			Moderate moisture, well-drained soils.	Deep tap root system provides excellent stand persistence and reliable yields. Strong resistance to bacterial wilt. High fall dormancy allows it to withstand harsh Prairie winters.
Tap Root Alfalfa	Hay & Pasture			Moderate moisture, well-drained soils.	Deep tap root system provides excellent drought and wind tolerance. High protein forage for livestock.
Multifoliate Alfalfa	Hay & Pasture			Moderate moisture, well-drained soils.	Higher leaf content provides a nutrient dense, high quality forage for livestock. Deep tap root system provides excellent drought tolerance.

*Certified RATING SCALE -  Low,  Moderate,  Good,  Very Good,  Excellent

DID YOU KNOW?

- Alfalfa is often called the "Queen of Forages" because of its high yield, protein content and feed quality
- Alfalfa can fix over 100 pounds of nitrogen per acre annually, reducing fertilizer requirements for future crops
- Alfalfa roots can extend 10-20 feet deep, helping plants access moisture during dry periods



PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Creeping Root Alfalfa	Hay & Pasture			Moderate moisture, well-drained soils.	Creeping root that spreads through underground rhizomes for improved stand persistence. Better drought recovery, grazing tolerance and adaptation to challenging soils.
Rancher Blend	Hay & Pasture			Wide adaptability.	Combines the yield, persistence and adaptability of multifoliate alfalfa, creeping root alfalfa and tap root alfalfa.
Premium Blend	Premium Hay Production			Moderate moisture, well-drained soils.	Premium forage quality with improved leaf retention and feed value by combining multifoliate alfalfa and tap root alfalfa.



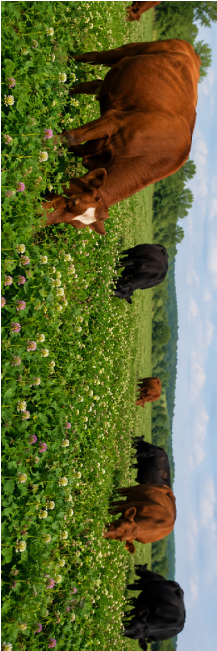
Tap Root vs
Creeping Root
Alfalfa



PERENNIAL CLOVER

PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Single Cut Red Clover	Hay & Cover Crop	  	   	Moderate moisture, well-drained loam to silt loam soils.	Strong establishment and first cut yield. Good regrowth. High forage quality and lower bloat risk than alfalfa.
Double Cut Red Clover	Hay & Cover Crop	   	  	Moderate moisture, well-drained loam to silt loam soils.	Faster regrowth than single cut red clover, multiple cuts per season and higher seasonal yield potential.
White Clover (Ladino Type)	Pasture	   	  	Moist, fertile clay to clay loam soils.	High forage production with excellent ground cover, strong grazing performance and stand thickening through stolons.
White Clover (Dutch Type)	Pasture	   	   	Moist, fertile clay to clay loam soils.	Persistent, low growing clover that naturally thickens stands and tolerates moderate compaction.

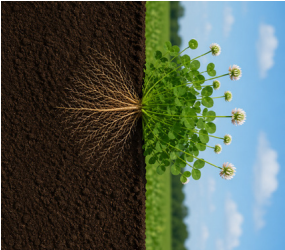
RATING SCALE -  Low,  Moderate,  Good,  Very Good,  Excellent



PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Alsike Clover	Pasture & Soil Improvement			Moderate to wet soil, clay and clay loam soils.	Excellent wet soil tolerance. Better adaption to lower pH soils as well as moderate bloot risk compared to alfalfa. Tolerates slightly acidic soils.
Yellow Blossom Sweet Clover	Soil Improvement			Well-drained sandy loam to clay loam soils.	Deeprooted, nitrogenfixing species that improves soil structure and provides excellent pollinator value. Drought, saline, and alkali tolerant.
White Blossom Sweet Clover	Soil Improvement			Sandy loam to clay loam soils, tolerates moderately heavy soils.	Deeprooted soil builder. More heat tolerant than Yellow Clover. Very drought and alkali tolerant.



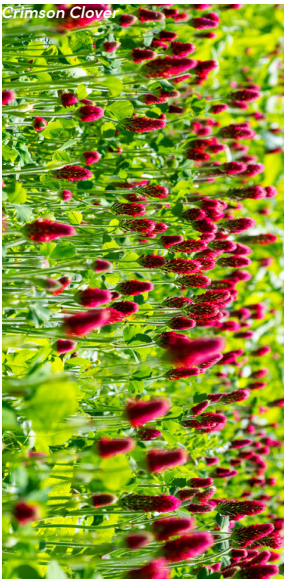
Deep-rooted
Yellow Blossom
Sweet Clover vs
Alsike Clover



ANNUAL CLOVER

	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Berseem Clover	Hay, Pasture & Cover Crop			Moist, fertile well-drained loam soils.	Highly palatable with rapid establishment and strong mulch-cut production. Good for sheep.
Crimson Clover	Pasture & Cover Crop			Moist, fertile well-drained loam to sandy loam soils.	Excellent spring grazing, high biomass production in late spring, and nitrogen fixation. Good for sheep.
Arrowleaf Clover	Pasture & Cover Crop			Well-drained loam or sandy loam soils.	Late spring production. High protein forage with strong reseed ability and better drought tolerance than other clovers.

RATING SCALE -  Low,  Moderate,  Good,  Very Good,  Excellent



PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Subterranean Clover	Pasture & Cover Crop			Fertile well-drained loam to sandy loam soils.	Low growing, dense ground cover with excellent drought tolerance.
Balansa Clover	Pasture & Cover Crop			Saturated clay loam to heavy loam soils.	High quality spring with excellent reseeding and flood tolerance.



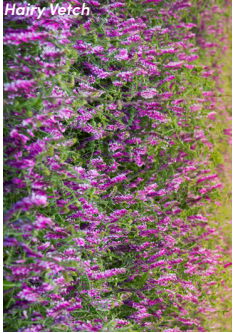
DID YOU KNOW?

- Clover can fix up to 200lbs of nitrogen per acre annually
- Clover flowers attract bees and other beneficial pollinators, supporting biodiversity
- Many clovers regularly test 15-25% crude protein when managed properly
- Clovers extensive root systems help improve soil structure, water infiltration and organic matter

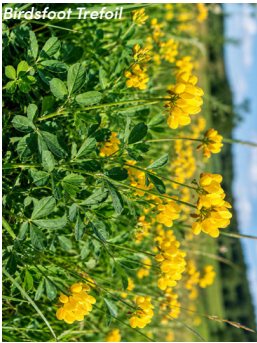
SPECIALTY LEGUME

PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Cicer Milkvetch	Hay & Pasture	  	   	Moderate moisture, fertile well-drained loam to clay loam soils.	Bloat safe legume with excellent grazing tolerance and long-term persistence. Tolerates wet soils better than alfalfa.
Hairy Vetch	Pasture & Cover Crop	  	  	Moderately well-drained loam and clay soils.	High protein forage with excellent nitrogen fixation and vigorous spring growth. Performs well in cool climates.
Common Vetch	Cover Crop & Soil Improvement	  	 	Moderately fertile well-drained loam or clay loam soils.	Fast establishment, high protein, and strong biomass production. Tolerates slightly acidic soils and moderate drought. Performs well in cool climates.
Chickling Vetch	Soil Improvement	 	 	Loam and clay soils.	High biomass production. Tougher under stress than other vetches or peas. Strong dryland and alkali adaption. Performs well in cool, semi-arid climates.

RATING SCALE -  Low,  Moderate,   Good,    Very Good,    Excellent



PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Birdsfoot Trefoil	Hay & Pasture			Moderate moisture, poor to moderately fertile loam to clay loam soils.	Extremely low bloat risk with excellent grazing persistence. Performs well in cool climates. Tolerates wet soils better than alfalfa.
Leo Birdsfoot Trefoil	Hay & Pasture			Moderate moisture, poor to moderately fertile loam to clay loam soils.	Same benefits as above with improved persistence.
Sainfoin	Hay & Pasture			Well-drained sandy loam or gravelly soils.	Extremely low bloat risk. Contains condensed tannins. Tolerates acidic soils and drought
Forage Peas	Hay & Cover Crop			Well-drained soils.	Fast growing, high-quality forage with strong biomass production. Performs well in cool, semi-arid climates.



DID YOU KNOW?• Legumes form a partnership with soil bacteria that naturally fixes nitrogen from the air• Many specially legumes provide valuable forage while supporting pollinators, soil health and long term pasture productivity• Birdsfoot Trefoil establishes best when seeded with grasses as they provide competition support and help maintain stand persistence

ANNUAL COVER CROP

PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Sugar Beets	Pasture & Cover Crop			Moderate to high moisture, highly fertile well-drained loam soils.	High energy livestock feed with exceptional yield potential. Develops a deep taproot. Saline tolerant.
Forage Brassica	Pasture & Cover Crop			Fertile, well-drained loam soils with adequate nitrogen	Rapid establishment and high forage production. Excellent source of late-season grazing with high energy and palatability.
Purple Top Turnip	Pasture & Cover Crop			Moist, fertile well-drained loam to clay loam soils.	Provides leedy tops and energyrich bulbs. Excellent fall grazing option that performs well in cool climates.
Kale	Pasture & Cover Crop			Fertile well-drained loam to clay loam soils with adequate nitrogen.	Produces high quality leedy forage with excellent biomass production Extends grazing well into late fall and early winter due to exceptional frost tolerance.
Daikon Radish	Pasture & Cover Crop			Moist, fertile compacted soils.	Rapid fall growth and excellent soil compaction relief. Deep taproot improves water infiltration and nutrient cycling.
Forage Peas	Silage & Hay			Moist, fertile well-drained loam soils.	Produces high quality forage with excellent biomass potential. Commonly used in annual forage blends to improve feed quality and protein content.

RATING SCALE -  Low,  Moderate,  Good,  Very Good,  Excellent

BROADLEAF CROP

PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Sunflower	Silage & Cover Crop			Moderately fertile loam to clay soils.	High biomass production. Deep taproot helps improve soil structure and access moisture. Excellent companion in annual forage blends. Performs well in semi-arid to moderate rainfall regions.
Chicory	Pasture & Soil Improvement			Moderate moisture, well-drained loam to sandy loam soils.	Exceptional forage quality and grazing persistence. High mineral content improves feed value. Deep taproot provides excellent drought tolerance.
Buckwheat	Cover Crop & Soil Improvement			Low-fertility sandy to loam soils.	Rapid establishment and excellent weed suppression. Attracts pollinator and beneficial insects. Performs well in cool to warm summer climates.
Phacelia	Cover Crop & Soil Improvement			Moderate moisture, well-drained loam, sandy loam or clay loam soils.	Rapid establishment and excellent pollinator attraction. Improves soil health and supports beneficial insect populations.



Sunflower

DID YOU KNOW?

- Cover crops can improve soil health, forage production and pollinator activity
- Deep-rooted species help loosen soil and improve water infiltration
- Fast growing cover crops can naturally suppress weeds
- Many species recycle nutrients and contribute to long-term soil productivity

BROMEGRASS

PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Meadow Bromegrass	Hay & Pasture			Moderate moisture, fertile loam soils.	High quality forage with excellent regrowth. Best in rotational grazing systems.
Fleet Meadow Bromegrass *	Hay & Pasture			Well-drained soils.	Same as above with improved stand persistence and productivity in rotational grazing systems.
Smooth Bromegrass	Hay & Pasture			Moderate moisture, well-drained loam to clay loam soils.	Highly early yield with strong spring growth. Drought tolerant. Performs well in cool, semi-arid to subhumid climates.
Carlton Smooth Bromegrass *	Hay & Pasture			General soils.	Same as above with improved yield potential, regrowth and stand persistence.
Hybrid Bromegrass	Hay & Pasture			Well-drained loam soils.	Balanced forage yield, regrowth and stand persistence.

*Certified RATING SCALE -  Low,  Moderate,  Good,  Very Good,  Excellent



WHEATGRASS

PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Pubescent Wheatgrass	Hay & Pasture			Moderately fertile well-drained soils.	Good early spring growth. Longer lived than intermediate wheatgrass. Performs well in semiarid to sub-humid climates.
Crested Wheatgrass	Hay & Pasture			Lighter soils.	Excellent early spring growth. Highly drought tolerant. Performs well in semiarid climates.
Kirk Crested * Wheatgrass	Hay & Pasture			Lighter to moderately fertile well-drained soils.	Early spring growth champion. Highly drought tolerant. Performs well in semiarid climates.
Intermediate Wheatgrass	Hay, Pasture & Reclamation			Moderately fertile well-drained soils.	Excellent pasture grass with high yield potential for hay and grazing. Drought tolerant. Performs well in semi-arid to sub-humid climates.
Northern Wheatgrass	Pasture & Reclamation			Low/moderate moisture, dry Prairie native soils.	Good grazing persistence. Highly tolerant of cold, drought, salinity and alkaline soils.
Western Wheatgrass	Pasture & Reclamation			Low/moderate moisture, dry Prairie native soils.	Excellent grazing persistence. Strong rhizome development provides excellent soil stabilization. Saline and drought tolerant.
Tall Wheatgrass	Pasture & Reclamation			Moderate moisture, saline or heavy soils.	High biomass production. Good hay yield with adequate moisture. Drought tolerant. Performs well in semiarid climates.
Slender Wheatgrass	Pasture & Reclamation			Moderately fertile, loam, clay loam or sandy loam soils.	More adaptable than many native grasses. Commonly used on marginal land due to its tolerance of low pH and saline soils. Performs well in cool climates.

*Certified

RATING SCALE -  Low,  Moderate,  Good,  Very Good,  Excellent

OTHER PERENNIAL GRASS

PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Timothy	Hoy & Pasture	  	   	Moist, well-drained loam soils.	Easy to establish. Highly palatable when harvested at early heading. Excellent companion in legume mixtures.
Climax Timothy	Hoy & Pasture	  	    	Moist, well-drained loam soils.	Same benefits as above with improved winter hardiness and persistence.
Orchardgrass	Hoy & Pasture	    	   	Fertile well-drained loam soils.	Exceptional forage quality with strong multi-cut potential. Excellent for hay and rotational grazing. Higher in protein than smooth brome grass at similar stages. Performs well in higher rainfall zones.
Festulolium	Hoy & Pasture	    	   	Fertile well-drained loam to clay loam soils.	Hybrid grass that combines ryegrass yield and palatability with fescue persistence and winter hardiness.
Forage Tall Fescue	Hoy & Pasture	  	  	Lodan, clay loam or silt loam soils.	High forage yield and palatability. Adaptive to a wide range of growing conditions and drought tolerant.
Meadow Fescue	Hoy & Pasture	    	   	Moderate moisture, fertile well-drained loam, clay loam or black soils.	Excellent forage quality and palatability. Strong grazing persistence especially in pasture mixes.
Sheep Fescue	Pasture & Reclamation	 	   	Dry, well-drained soils. Adapted to low fertility sandy and gravelly soils.	Commonly used for reclamation and erosion control. Low maintenance grass with excellent drought tolerance.
Hard Fescue	Pasture & Reclamation	 	   	Dry, well-drained soils. Adapted to low fertility sandy and rocky soils.	Well suited for reclamation, erosion control and marginal sites. Low growing grass with excellent drought tolerance.

RATING SCALE -  Low,  Moderate,   Good,   Very Good,   Excellent

PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Forage Perennial Ryegrass	Hay & Pasture			Moist, fertile well-drained loam soils with adequate nitrogen	Exceptional forage quality and palatability. Strong regrowth and mulchout potential. Performs well in cool climates.
Russian Wildrye	Pasture			Dry, well-drained loam to sandy loamsoils.	Very early spring growth and excellent late-season grazing. High drought and saline tolerance.
Dahurian Wildrye	Pasture & Reclamation			Dry, well-drained loam to clay soils.	Excellent forage production under dryland conditions. Frost tolerant and well adapted to cool climates.
Green Needlegrass	Pasture & Reclamation			Moderately fertile loam to clay soils.	Rapid spring growth . Long-lived native grass that naturally reseeds itself. Excellent drought tolerance. Performs well in cool climate.
Creeping Foxtail	Pasture & Reclamation			Wet, poorly-drained soils.	Excellent choice for wet prairie sites. Highly palatable with aggressive rhizome spread and strong persistence. Performs well in coolclimates.
Reed Canarygrass	Pasture & Reclamation			Moist, heavy soils.	Excellent yields on slough edges and wet sites. Strong rhizome development provides long-term persistence and stand longevity.



ANNUAL GRASS

PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Italian Ryegrass	Hay & Pasture			Moist, fertile loam to clay loam soils.	Exceptional forage quality and palatability. Rapid establishment with strong regrowth. Ideal for intensive grazing and high-quality hay production.
Siberian Millet	Hay & Pasture			Moderate moisture, well-drained light to medium textured soils.	Ready to cut in as few as 60 days. Rapid establishment and dependable forage production. Drought tolerant. Performs well in warm climate.
White Proso Millet	Hay & Pasture			Moderate moisture, well-drained light to medium textured soils.	Ready to cut in as few as 55 days. Quick maturity that provides reliable forage production where growing seasons are limited. Performs well in warm climates.
Red Proso Millet	Pasture & Cover Crop			Moderate moisture, well-drained light to medium textured soils.	Ready to cut in as few as 55 days. Fast seasonal growth. Commonly used for erosion control. Good drought tolerance.

RATING SCALE -  Low,  Moderate,  Good,  Very Good,  Excellent



PRODUCT	BEST USE	REGROWTH	WINTER HARDINESS	SOIL FIT	BENEFITS
Crown Millet	Hay & Pasture			Moderate moisture, well-drained light to medium textured soils.	Ready to cut in as few as 55 days. Rapid establishment and dependable forage production. Well suited to short growing seasons and drought-prone conditions. Performs well in warm climate.
German Millet	Hay & Pasture			Moderate moisture, well-drained light to medium textured soils.	Ready to cut in as few as 50 days. High forage yield and grazing persistence. Excellent option for emergency forage and short-season hay production. Drought tolerant. Performs well in warm climate.
Japanese Millet	Hay, Pasture & Cover Crop			Moderate moisture, well-drained light to medium textured soils.	Ready to cut in as few as 45 days. Higher forage yield than most proso millets and more tolerant of wet conditions. Excellent regrowth and well suited for emergency forage production.
Sorghum Sudangrass	Pasture & Silage			Moderate moisture, well-drained light to medium textured soils.	Exceptional biomass production and vigorous regrowth. Highly drought tolerant and performs well in hot summer climates.



German Millet

DID YOU KNOW?• Millets are among the fastest growing annual forage crops• Most millet varieties thrive in hot, dry conditions where cool-season forages may struggle• Some millet varieties can reach harvest maturity in as little as two months

Turf Grass

Product	Best Use	Regrowth	Winter Hardiness	Soil Fit	Benefits
Kentucky Bluegrass	Pasture & Turf	   	    	Moderate moisture, fertile loam to clay loam soils.	Excellent grazing persistence and soil stabilization. Dense and self-repairing. Performs well in cool northern climates.
Creeping Red Fescue	Pasture & Turf	  	    	Moist, well-drained loam to clay loam soils. Adapted to slightly acidic conditions.	Excellent performance in moist or shaded areas. Strong sod formation with good flood and salinity tolerance.
Turf Tall Fescue	Lawn & Turf	   	    	Moderate moisture, loam, clay loam or silt loam soils.	Rapid establishment. Deep-rooted grass that provides durable turf with good wear resistance. Excellent drought tolerance and adapted to a wide range of growing conditions.
Turf Perennial Ryegrass	Lawn & Turf	    	 	Moist, fertile well-drained loam soils with adequate nitrogen.	Rapid establishment and excellent recovery. Provides dense, attractive turf with high wear tolerance.
Turf Annual Ryegrass	Lawn & Turf	     		Moist, fertile loam to clay loam soils.	Very rapid establishment and ground cover. Commonly used for overseeding and temporary turf applications.
Parkside Lawn Mix	Lawn & Turf	    	    	Adapted to a wide range of well-drained soils.	Rapid establishment with excellent durability. Produces a dense, attractive lawn with good long-term persistence.

RATING SCALE -  Low,  Moderate,  Good,  Very Good,  Excellent

FORAGES

BLEND INTRODUCTION

At NorthStar Genetics, we understand that every field, operation, and forage goal is different. That is why we have carefully designed our house blends to deliver the right balance of quality, persistence, and adaptability for a wide range of growing conditions across Western Canada.

Whether you are looking for improved hay production, durable pasture performance, saline tolerance, or cover crop solutions, our blends are built using proven forage varieties selected to work together in the field.

To better serve our customers, NorthStar Genetics has also developed a custom blend calculator that helps create tailored forage and turf solutions based on your specific needs.

Our team will work with you to develop the right blend for your acres, management style and forage objectives.



northstargenetics.ca

FORAGES

HOUSE BLENDS

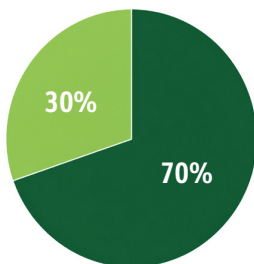
Pre-formulated mixes tailored to real field conditions.

Economy Hayblend

Cost effective & reliable yield

70% Tap Root Alfalfa

30% Smooth Bromegrass

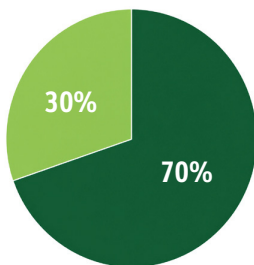


Deluxe Hayblend

Maximum yield & quality

70% Multifoliate Alfalfa

30% Meadow Bromegrass



FORAGES

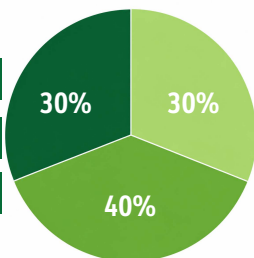
Dairy Hayblend

High protein & premium quality

30% Sangha Alfalfa

30% Multifoliate Alfalfa

40% Meadow Bromegrass



Pasture Blend

Balanced grazing mix

40% Meadow Bromegrass

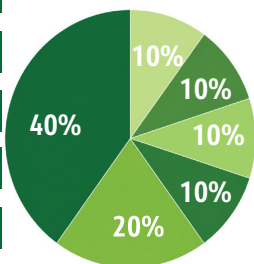
20% Crested Wheatgrass

10% Creeping Root Alfalfa

10% Tall Fescue

10% Orchardgrass

10% Timothy



FORAGES

Horse Blend

Safe and consistent

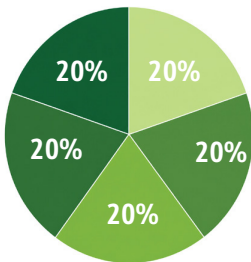
20% Perennial Ryegrass

20% Orchardgrass

20 % Kentucky Bluegrass

20% Timothy

20 % Creeping Red Fescue



FORAGES

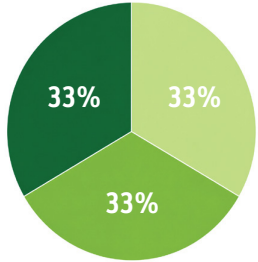
Rancher Blend

Balanced yield and persistence

33% Multifoliate Alfalfa

33% Creeping Root Alfalfa

33% Tap Root Alfalfa

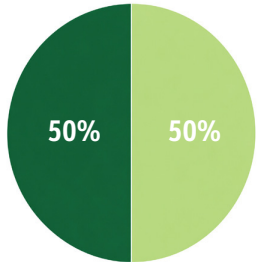


Premium Multiblend

High protein & leafiness

50% Multifoliate Alfalfa

50% Tap Root Alfalfa

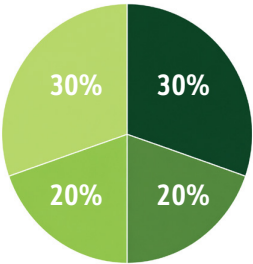


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Lowland Blend

Wet soil tolerant

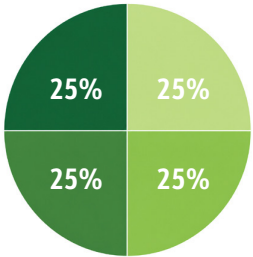
- 30% Forage Tall Fescue
- 30% Timothy
- 20% Alsike Clover
- 20% Reed Canarygrass



Saline Blend

Salt tolerant

- 25% Tall Wheatgrass
- 25% Crested Wheatgrass
- 25% Slender Wheatgrass
- 25% Creeping Root Alfalfa



FORAGES

Parkside Lawn Mix

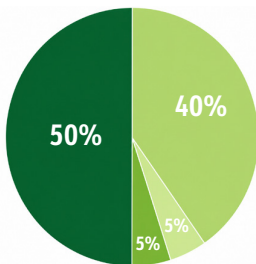
Quick establishment & durable

50% Kentucky Bluegrass

40% Creeping Red Fescue

5% Annual Ryegrass

5% Perennial Ryegrass



Bin Yard Lawn Mix

Hardy & low maintenance

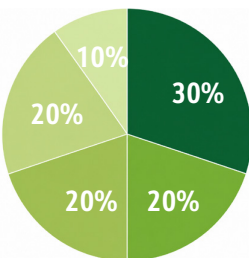
30% Hard Fescue

20% Sheep Fescue

20% Creeping Red Fescue

20% Canada Bluegrass

10% Annual Ryegrass



FORAGES

CUSTOM BLENDS

Built for your land. Focused on your success.



TAILORED TO YOUR
SOIL & CLIMATE



DESIGNED FOR YOUR
OPERATION & GOALS



MAXIMUM PERFORMANCE.
SEASON AFTER SEASON.



Let's grow something great together.

Looking for Crop Input Financing?

**Ask NorthStar Genetics about their low
interest rate financing on NSG corn and
soybean seed or contact Yield More
Financing**

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Call: 1.866.603.4188

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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of 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. 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® Technology.

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. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs.

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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 Bayer Technology Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.



NAME: _____

PHONE: _____ E-MAIL: _____

TOWN: _____

AGRONOMIC NEEDS :

(relative maturity, weeds, traits, purpose, plant characteristics)

ROW SPACING: _____

VARIETY/HYBRID: _____

ACRES: _____

SEEDING RATE: _____

UNITS: _____

RETAILER(S): _____

NOTES: _____



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