Millborn



2027 Seed Guide

Built for Canadian Acres

At Millborn, our roots are built on helping farmers, ranchers, landowners, and reclamation professionals improve the productivity, resilience, and long-term health of their land. From annual and perennial forage solutions to conservation and reclamation seed, our goal has always been to simplify complex decisions with practical, proven-to-work seed solutions.

Today, Millborn is proud to offer one of the most comprehensive seed portfolios in Canada, backed by a team of experts who understand the unique challenges and opportunities facing Canadian producers and land managers. Whether you're improving grazing performance, extending the grazing season, restoring disturbed land, or establishing vegetation in challenging environments, we provide tailored solutions designed to perform.

Our growing network across Canada allows us to deliver local support, reliable seed availability, and efficient logistics. Combined with a robust supply chain and industry-leading expertise, we're committed to making your seed decisions simple and your experience doing business even easier.

No matter the size or scope of your project, Millborn's forage and reclamation specialists are here to help you find the right solution for your land.

Millborn®

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Yellowhead Falcata at Sych Homestead in Hay Lakes

Yellowhead falcata alfalfa is an extremely winter-hardy variety developed in Canada for harsh Prairie winters and dry growing conditions. Its spreading growth habit and ability to regrow from underground crowns provide excellent persistence under grazing, drought, and winter stress.

Alfalfa

Millborn's exclusive alfalfa varieties are born and bred with you in mind. We take yield, quality, and persistence to the next level, while also providing varieties that perform in challenging environments where saline soils can limit productivity. No matter your conditions, our experts select only the best of the best for your fields.

Alfalfa

Product	Recommended Seeding Rate lbs/acre	Fall Dormancy	Winter Survival	Primary Trait	Yield Rating	Root Type	Disease Rating	Bacterial Wilt
Stockade™	18-22	2	2	Longevity	6	Tap	N/A	HR
Rancher™	18-22	2.5	N/A	Longevity	6	Creeping	N/A	HR
***NEW* MS3121**	18-22	3	2	Quality	10	Tap	35/35	HR
Prime Cut Three™	18-22	3.4	1.3	Quality	8	Tap/Branch	34/35	HR
Salinity Edge	18-22	4.2	1.5	Salt	8	Branch/Sunken Crown	36/40	HR
Final Answer 4	18-22	4.3	1.7	Yield	10	Branch/Sunken Crown	35/35	HR
Yellowhead Falcata	18-22	1	1	Longevity	6	Tap/Slightly Creeping	N/A	MR

Fall dormancy is measured on a 1 - 11 scale, with 1 having the least fall growth (most dormant) and 11 having the most fall growth (least dormant).
Winter survival is measured on a 1 - 6 scale, with 1 being the most winter hardy and 6 being the least winter hardy.
Yield rating is measured on a 1 - 10 scale, with 1 being poor yield and 10 being excellent yield.

Primary Trait: Quality

MS3121 *NEW*

MS3121 is a high-performing FD3 alfalfa variety developed for farmers and ranchers who prioritize premium forage quality without compromising persistence. With top-tier yield potential and a perfect 35/35 DRI, MS3121 offers exceptional protection against the industry's most common alfalfa diseases, including Bacterial Wilt, Fusarium Wilt, Verticillium Wilt, Anthracnose, both races of Aphanomyces root rot, and Phytophthora root rot. Its strong winter survival, dependable persistence, and outstanding forage quality make MS3121 an excellent choice for high-production hay systems.



Pest and Disease Resistance

Type	HR	R	MR	LR	S
Bacterial Wilt	✓				
Fusarium Wilt	✓				
Verticullium Wilt	✓				
Anthracnose	✓				
Phytophthora Root Rot	✓				
Aphanomyces Root Rot Race 1	✓				
Aphanomyces Root Rot Race 2	✓				
Stem Nematode		✓			

Fusarium Wilt	Verticillium Wilt	Anthracnose	Antracnose Race 5	Aphanomyces Root Rot Race 1	Aphanomyces Root Rot Race 2	Phytophthora Root Rot	Potato Leafhopper	Stem Nematode	Pea Aphid	Spotted Alfalfa Aphid	Salt Germination/ Forage
MR	S	S		S	S	N/A	N/A	N/A			G
MR	S	S		S	S	N/A	N/A	N/A	HR		
HR	HR	HR		HR	HR	HR	N/A	R			
HR	HR	HR		HR	R	HR	N/A	N/A	N/A	N/A	
HR	HR	R	R	HR	R	HR	N/A		R		G/F
HR	HR	HR		HR	HR	HR	N/A	R			
N/A	N/A	N/A		N/A		N/A	N/A				

Pest Resistance Ratings

% Resistant Plants	Resistance Class	Class Abbreviation
0-5%	Susceptible	S
6-14%	Low Resistance	LR
15-30%	Moderate Resistancece	MR
31-50%	Resistant	R
>50%	High Resistance	HR

Primary Trait: Quality

Prime Cut Three™

Prime Cut Three Alfalfa is a high forage yielding, excellent quality alfalfa variety with the branch root trait on a sunken crown. This top yielding alfalfa has a fall dormancy of a 3.4 and with it's excellent winter hardiness score of 1.3, it's a solid choice for short growing climates. Prime Cut Three is protected by a broad base of disease resistance with a DRI at 34/35 for long lasting problem free stands. Expect fine stems with beautiful bright green foliage!



Pest and Disease Resistance

Type	HR	R	MR	LR	S
Bacterial Wilt	✓				
Fusarium Wilt	✓				
Verticullium Wilt	✓				
Anthracnose	✓				
Phytophthora Root Rot	✓				
Aphanomyces Root Rot Race 1	✓				
Aphanomyces Root Rot Race 2		✓			

Primary Trait: Yield

Final Answer 4

Final Answer 4 delivers top-end performance as the yield leader among conventionally bred alfalfa varieties. With exceptionally fast harvest recovery, it keeps your operation moving and your tonnage climbing. It's an ideal choice for beef and dairy producers looking to maximize alfalfa production and feed quality.



Pest and Disease Resistance

Type	HR	R	MR	LR	S
Bacterial Wilt	✓				
Fusarium Wilt	✓				
Verticullium Wilt	✓				
Anthracnose	✓				
Phytophthora Root Rot	✓				
Aphanomyces Root Rot Race 1	✓				
Aphanomyces Root Rot Race 2	✓				
Stem Nematode		✓			

Primary Trait: Longevity

Stockade™

Stockade is a long-term, hardy alfalfa built for persistence and performance. Designed for a two-cut system, it delivers reliable yields year after year while standing up to grazing pressure. With strong durability and flexibility, Stockade helps you get more from every acre - season after season.



Pest and Disease Resistance

Type	HR	R	MR	LR	S
Bacterial Wilt	✓				
Fusarium Wilt			✓		
Verticullium Wilt					✓
Anthracnose					✓
Aphanomyces Root Rot Race 1					✓
Aphanomyces Root Rot Race 2					✓

Rancher™

Rancher is a creeping-root alfalfa built for long-term persistence in grazing and hay systems. Well-suited for 1-2 cut systems, this hardy alfalfa can help maintain productive stands over time. Allowing adequate rest heading into fall can support stand recovery and future production.



Pest and Disease Resistance

Type	HR	R	MR	LR	S
Bacterial Wilt	✓				
Fusarium Wilt			✓		
Verticullium Wilt					✓
Anthracnose					✓
Aphanomyces Root Rot Race 1					✓
Aphanomyces Root Rot Race 2					✓
Pea Aphid	✓				

Primary Trait: Salt Tolerance

Salinity Edge

Salinity Edge is built to thrive where other alfalfas struggle. With exceptional salt tolerance, a sunken crown, and a strong branch root system, it's designed for persistence in challenging soils. Add in a broad-spectrum pest resistance package and outstanding forage quality with high yield potential, and you've got a variety that delivers dependable performance and top-end feed value season after season.



Pest and Disease Resistance

Type	HR	R	MR	LR	S
Bacterial Wilt	✓				
Fusarium Wilt	✓				
Verticullium Wilt	✓				
Anthracnose		✓			
Anthracnose Race 5		✓			
Phytophthora Root Rot	✓				
Aphanomyces Root Rot Race 1	✓				
Aphanomyces Root Rot Race 2		✓			
Pea Aphid		✓			



Perennial Forages

Millborn's perennial forage lineup is built for long-term performance and reliability. Our expert-selected grasses and legumes deliver dependable yields, excellent forage quality, and stand persistence year after year. From grazing systems to hay production, we've developed and tested mixtures that thrive in real-world conditions. Whether you're after a durable pasture base or a balanced hay mix, our perennials are designed to maximize your acres season after season. Build a foundation that lasts with Millborn perennial forages.

Perennial Forages

Product	Seeding Rate	Density (lb/ft3)	Coating	Composition	Dry Matter Yield Potential	Forage Quality
HY Power Pasture	15-20 lbs/acre	35.39	Yes	33% AAC Glenview Sainfoin, 21% Stockade Alfalfa, 16% Arsenal Meadow Brome, 12% STF43 Tall Fescue, 8% HLR Orchardgrass, 6% Cicer Milk Vetch, 4% Slender Wheatgrass	High	4
HQ Hay	15-20 lbs/acre	34.66	Yes	56% AAC Glenview Sainfoin, 21% STF43 Tall Fescue, 14% Final Answer Alfalfa, 9% HLR Orchardgrass	High	5
Stockmaster Dryland	15-20 lbs/acre	46.81	Yes	33% AAC Glenview Sainfoin, 21% Stockade Alfalfa, 12% Tall Fescue, 10% Arsenal Meadow Brome, 10% Slender/ Intermediate Wheatgrass, 8% Artillery Smooth Brome, 6% Cicer Milk Vetch	Average	4
Pasture Pro	15-20 lbs/acre	36.7	Yes	33% Meadow Brome, 20% HLR Orchardgrass, 20% Tall Forage Fescue, 17% Creeping Red Fescue, 10% Forage Kentucky Bluegrass	Average	4
Salinity Buster	15-25 lbs/acre	41.33	Yes	21% Slender Wheatgrass, 20% STF43 Tall Fescue, 15% Salinity Edge Alfalfa, 8% Tall Wheatgrass, 8% Western Wheatgrass, 7% Rancher Alfalfa, 7% Intermediate Wheatgrass, 5% Alsike Clover, 5% YB Sweet Clover, 4% Birdsfoot Trefoil	Low	3
Barricade	20-25 lbs/acre (decrease if seeding with legume)	28.8	Yes	30% Soft Leaf Tall Fescue, 25% Slender/Intermediate Wheatgrass, 25% Arsenal Meadow Brome, 20% Artillery Smooth Brome	Average	3
GrazeMaster	20-25 lbs/acre (decrease if seeding with legume)	27.14	Yes	40% Arsenal Meadow Brome, 30% STF43 Tall Fescue, 20% HLR Orchardgrass, 10% Slender Wheatgrass	High	3
Nitromaster V	6-10 lbs/acre seed with a grass mix	37.72	Yes	55% AAC Glenview Sainfoin, 35% Stockade Alfalfa, 10% Cicer Milk Vetch	Average	5
Self-Seeder Bare	N/A	42.01	No	51% AAC Glenview Sainfoin, 12% Red Clover, 12% Alsike Clover, 10% Yellow Blossom Sweet Clover, 8% Cicer Milk Vetch, 7% Birdsfoot Trefoil	Low	5
Heritage Hay	15 lbs/acre	29.52	Yes	30% Meadow Brome, 25% Stockade Alfalfa, 20% Tall Forage Fescue, 15% HLR Orchardgrass, 10% Timothy (improved variety)	High	5

Forage Quality is measured on a 1 – 5 scale with 1 being the poorest quality and 5 being the highest quality.

Seed Coatings

Millborn offers advanced seed coating technologies designed to support successful stand establishment.

SuperG® (Nitro-Coat) combines moisture-absorbing technology with micronutrients, rhizobia inoculants for legumes, and mycorrhizal fungi to promote early root development, nutrient uptake, and plant vigor. It is designed to give seedlings a strong start from emergence through establishment.

Yellow Jacket®, exclusive to Barenbrug varieties, features a proprietary starch-based coating that can hold up to 600 times its weight in water and nutrients. Acting like a moisture reservoir around each seed, Yellow Jacket helps improve germination and establishment under dry conditions while supporting stronger forage production.

NutriGlo® is a newly developed lime/talc coating developed for Alfalfas and other legumes with added brighteners for improved appearance and flowability, while also protecting rhizobia.

Nutri-Prill-Premium™ is a newly developed lime-based coating for chaffy and native grasses.

Individual Perennial Species

Species	Category	Full Seeding Rate (lbs/acre)	Bloat	Optimum pH	Soil Conditions	Growth Habit	Drought Tolerance	Hardiness
AC Saltlander Green Wheatgrass	Forage Grasses	10-20	N	6-8.5	Saline	Sod Forming	Good	Good
STF 43 Tall Fescue	Forage Grasses	8-12	N	5.5-6.5	All	Bunch	Fair	Fair
HLR Orchardgrass	Forage Grasses	5-10	N	6-7.5	Moist/Heavy	Bunch	Fair	Fair
Meadow Brome	Forage Grasses	15-25	N	6-7.5	All	Bunch	Good	Good
Smooth Brome	Forage Grasses	8-15	N	6-7.5	All	Sod Forming	Good	Good
AC Success Hybrid Brome	Forage Grasses	15-20	N	6-7.5	All	Sod Forming	Good	Good
Intermediate Wheatgrass	Forage Grasses	10-20	N	6-8.5	All	Sod Forming	Good	Good
Crested Wheatgrass	Forage Grasses	5-10	N	6.5-8.5	Dry/Light	Bunch	Excellent	Excellent
Pubescent Wheatgrass	Forage Grasses	10-20	N	6-8.5	Dry/Light	Sod Forming	Excellent	Excellent
Slender Wheatgrass	Forage Grasses	8-12	N	6.5-8.5	All	Bunch	Good	Excellent
Timothy	Forage Grasses	4-8	N	5.5-7.5	Moist/Heavy	Bunch	Poor	Excellent
Perennial Ryegrass	Forage Grasses	10-15	N	5.5-7.5	Moist/Heavy	Bunch	Poor	Poor
Meadow Fescue	Forage Grasses	8-10	N	5.5-6.5	Moist/Heavy	Bunch	Poor	Poor
Kentucky Bluegrass	Forage Grasses	4-6	N	5.5-7.5	Moist/Heavy	Sod Forming	Poor	Excellent
Creeping Red Fescue	Forage Grasses	5-7	N	5.5-7.5	All	Sod Forming	Fair	Excellent
Reed Canarygrass	Forage Grasses	4-8	N	5.5-7.5	All	Sod Forming	Good	Good
Festulolium (Spring Green)	Forage Grasses	10-15	N	5.5-7.5	Moist/Heavy	Bunch	Fair	Fair
AAC Glenview Sainfoin	Broadleaves & Legumes	40	N	6-7.8	Dry/Light	Taproot	Excellent	Good
Cicer Milkvetch	Broadleaves & Legumes	10-15	N	6-7.8	Dry/Light	Creeping Root	Good	Excellent
Yellow Blossom Sweet Clover (Bi-Annual)	Broadleaves & Legumes	8-10	Y	6.5-7.5	All	Taproot	Excellent	Excellent
Red Clover	Broadleaves & Legumes	6-8	Y	5.5-7.5	All	Taproot with branches	Good	Fair
White Clover	Broadleaves & Legumes	5-7	Y	5.5-7	All	Stolon	Poor	Poor
Alsike Clover	Broadleaves & Legumes	5-8	Y	5.5-7	Wet	Branch root	Fair	Good
Birdsfoot Trefoil	Broadleaves & Legumes	6-8	N	6-6.5	Wet	Taproot with branches	Fair	Fair

Multiple varieties of each species available. Ask your rep for details.



HY Power Pasture

HY Power Pasture is a premium grazing forage blend, carefully crafted from our most frequently recommended grasses and legumes. Ideal for medium to high moisture regions, it thrives under rotational grazing management while enhancing soil health and boosting pasture feed quality through its rich legume content. Versatile and productive, HY Power Pasture can also be harvested as high-protein, high-energy hay, making it a top-tier choice for maximizing both pasture performance and livestock nutrition.

33% AAC Glenview Sainfoin, 21% Stockade Alfalfa,
16% Arsenal Meadow Brome, 12% STF43 Tall Fescue,
8% HLR Orchardgrass, 6% Cicer Milk Vetch, 4% Slender Wheatgrass

A word from our customers

I love the HY Power Pasture blend, and my cattle definitely love it.

We graze it almost yearly while letting it grow back in the end of April to June or July. I especially love how colorful the pasture is with pink, yellow, and purple. My cows and calves do so well on it, it is comforting to know they are getting the best. I've had a few people comment on how the cattle look so good! The pasture has improved the environment as well by inviting more bees and butterflies to our place! I'm so thankful I met the Millborn team and learned about different seed blends for pasture.

Kelly Paxman



HQ Hay

HQ Hay is your one-stop shop for a high-tonnage hay stand that delivers consistent performance year after year. Designed to feed all classes of livestock, it offers a high leaf-to-stem ratio for improved digestibility and energy. The alfalfa in the mix ensures a long-lived, durable stand you can count on for seasons of reliable, high-quality forage.

56% AAC Glenview Sainfoin, 21% STF43 Tall Fescue,
14% Final Answer Alfalfa, 9% HLR Orchardgrass





Stockmaster Dryland

Stockmaster Dryland is built for the toughest conditions. Featuring the most resilient dryland grasses and legumes, it's designed to perform where rainfall is limited, making it ideal for pastures across western Canada. This blend protects your grazing ground against drought with advanced forage varieties selected for superior germination, establishment, and growth, even in challenging moisture conditions. Paired with good rotational grazing management, Stockmaster Dryland helps restore your land to its full productive potential.

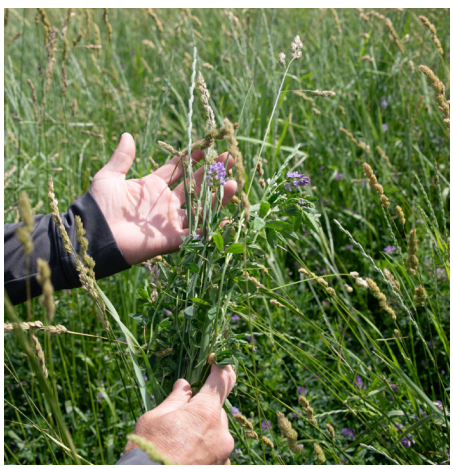
33% AAC Glenview Sainfoin, 21% Stockade Alfalfa, 12% Tall Fescue, 10% Arsenal Meadow Brome, 10% Slender/Intermediate Wheatgrass, 8% Artillery Smooth Brome, 6% Cicer Milk Vetch

Pasture Pro

A highly palatable blend that will form a sod as the field establishes. Pasture Pro is an excellent choice for horse pastures or areas that need to tolerate close grazing.

33% Meadow Brome, 20% HLR Orchardgrass, 20% STF43 Tall Forage Fescue, 17% Creeping Red Fescue, 10% Forage Kentucky Bluegrass





Salinity Buster

Salinity Buster is a versatile perennial grass and legume mix designed to establish, stabilize, and improve the productivity of saline-affected areas. For best results, seed a buffer by covering 50 to 200 feet beyond the most impacted zones to help regenerate the soil and restore its long-term potential. Seeding options are flexible, with late fall seeding when soils reach 2°C at depth or spring seeding once the area has dried, ideally immediately following a rainfall. Salinity Buster is the solution for turning challenging, salt-affected land into productive, resilient pasture.

21% Slender Wheatgrass, 20% STF43 Tall Fescue, 15% Salinity Edge Alfalfa, 8% Tall Wheatgrass, 8% Western Wheatgrass, 7% Rancher Alfalfa, 7% Intermediate Wheatgrass, 5% Alsike Clover, 5% YB Sweet Clover, 4% Birdsfoot Trefoil

Barricade

Barricade is built to perform where rainfall is limited. Designed for new plantings or interseeding into existing pastures, it's an ideal choice for producers looking to strengthen stands in challenging dryland environments. Pair Barricade with legumes for even greater resilience, its grass varieties are specifically selected for deep roots and exceptional drought tolerance. Plus, our advanced Yellow Jacket seed coating technology absorbs nearly 600 times its weight in water, helping seedlings establish faster and stay stronger through dry spells.

30% Soft Leaf Tall Fescue, 25% Slender/Intermediate Wheatgrass, 25% Arsenal Meadow Brome, 20% Artillery Smooth Brome



A word from our customers

Barricade is one of my go-to blends for reclamation and pasture projects. I like Barricade because it performs well in marginal soil conditions, especially on sites where low rainfall can make pasture establishment challenging. Another advantage I really like is the flexibility it provides. Since Barricade is a grass-only blend, we can focus on getting the grasses established and managing weeds early on, then introduce legumes later if the site and management goals call for it.

Greentech Environmental Solutions



Graze Master

Graze Master is an adaptable pasture mix designed to deliver top performance across a variety of grazing conditions. Featuring leading-edge grass varieties, it combines high yield with excellent digestibility and long-lasting persistence, ensuring your livestock get the most from every acre. Whether you're aiming for productivity, quality, or sustainability, Graze Master sets the standard for superior pastures. Pair it with legumes for added soil health and animal productivity late into the grazing season.

40% Arsenal Meadow Brome, 30% STF43 Tall Fescue, 20% HLR Orchardgrass, 10% Slender Wheatgrass

Nitromaster V

Nitromaster V is a versatile legume seed designed to establish quickly, overtime increase legume presence and animal performance, lower bloat risk, and enhance long-term pasture production. It can be mixed with grass blends to establish a high-quality perennial pasture or to improve existing pastures. Nitromaster V also excels on its own, creating a pure legume stand perfect for haying or grazing in dry areas. Plus, it is a blend of perennial, drought-tolerante legumes that reduces reliance on nitrogen fertilizers, helping you grow healthier, more sustainable forage with less input.

55% AAC Glenview Sainfoin, 35% Stockade Alfalfa, 10% Cicer Milk Vetch





Self-Seeder Bare

This blend contains non-coated, non-inoculated legumes, including AAC Glenview Sainfoin, Yellow Blossom Sweet Clover, Alsike Clover, Birdsfoot Trefoil, Cicer Milkvetch and Red Clover. It's designed to be fed to cattle, such as mixed into loose mineral, so they can naturally distribute the seed across pastureland that's too rough for conventional seeding equipment. Research shows it can take two to ten days for feed consumed to fully pass through a cow's digestive system. This allows the seed to be dispersed gradually as animals move through the pasture.

51% AAC Glenview Sainfoin, 12% Red Clover, 12% Alsike Clover, 10% Yellow Blossom Sweet Clover, 8% Cicer Milk Vetch, 7% Birdsfoot Trefoil

NEW Heritage Hay

Heritage Hay was developed to provide a high quality dry hay blend for producers desiring an alfalfa grass mix feeding all classes of livestock and horses. This mix can perform on a wide range of soil types and will consitently provide an even amount of grass amongst the alfalfa year after year for each cutting.

30% Meadow Brome, 25% Stockade Alfalfa, 20% Tall Forage Fescue, 15% HLR Orchardgrass, 10% Timothy (Improved variety)



Custom Blending Available!

We know every farm is unique and no two operations are the same. If you have a specific mix in mind or want to tweak an existing mix, we offer custom blending options. Speak to your local rep or give us a call at 877.269.2469 to design a custom mix today.



Annual Forages

We've done the work to figure out how to achieve your forage goals. From single-species to multi-crop blends, we have the warm and cool season annuals to meet your land and livestock needs. Keep your seed choices simple and achieve your forage goals with these tried-and-true forage solutions.

Annual Forages

Name	Mix Type	Harvest Method	Composition
Complete Annual	Forage	Grazing, Swath Grazing, Haylage, Silage	48% Forage Oats, 28% Winter Triticale, 17% Forage Peas, 4% C4 Blend, 1% Barsica Forage Rape, 1% T Raptor Leaf Turnip, 1% Barkant Turnip
Cool Ranch	Forage	Multiple Grazing, Haylage, Silage	40% Forage Oats, 17% Forage Barley, 14% Winter Triticale, 21% Forage Peas, 4% Hairy Vetch, less than 1% of: Flax, Red Clover, Barkant Turnip, Goliath/Winfred Forage Rape, Chicory
Ranch Hand	Forage	Grazing, Swath Grazing	35% Forage Oats, 25% Sorghum-Sudangrass, 12% German Millet, 10% Common Vetch, 5% Peredovik Sunflowers, 5% Flax, less than 3% of: Barsica Forage Rape, Purple Top Turnip, Balansa Clover, Winfred/Goliath Brassica
Dryland	Forage	Grazing, Swath Grazing, Haylage	30% Pearl Millet, 30% Sorghum-Sudangrass, 15% Hairy Vetch, 10% Barkant Turnip, 10% Barsica Forage Rape, 5% Peredovik Sunflowers
Relay	Forage	Grazing, Haylage, Silage	50% Crusader Italian Ryegrass, 20% Hairy Vetch, 15% Hunter Leaf Turnip, 15% Goliath/Winfred Forage Rape
Swath Grazing	Forage	Grazing, Swath Grazing	35% Goliath/Winfred Forage Rape, 35% Hunter Leaf Turnip, 30% Green Globe Turnip
ReGraze	Forage	Grazing, Swath Grazing, Haylage, Silage	66% Winter Triticale, 10% Barsica Forage Rape, 7% Green Spirit Italian Ryegrass, 7% T Raptor Leaf Turnip, 7% Hairy Vetch, 3% Barkant Turnip
Rootmaster	Forage	Grazing	55% Daikon Radish, 15% T-Raptor Leaf Turnip, 15% Barsica Forage Rape, 15% Barkant Turnip
Double Down	Forage	Grazing, Haylage, Silage	66% Winter Triticale, 10% Yellow Blossom Sweet Clover, 10% Forage Rape, 7% Red Clover, 5% Hairy Vetch, 2% Chicory
Ultimate Annual	Forage	Grazing, Haylage	30% Crusader Italian Ryegrass, 30% Hairy Vetch, 10% Crimson Clover, 10% Winfred/Goliath Rape, 10% Hunter Leaf Turnip, 10% Graza Radish
Greenfeed Relay	Forage	Grazing, Greenfeed	40% Crusader Italian Ryegrass, 30% Annual Ryegrass, 30% Hairy Vetch

All items are coated unless otherwise specified
Forage Quality is measured on a 1 – 5 scale with 1 being the poorest quality and 5 being the highest quality.

Drilled Seeding Rate	Broadcast Seeding Rate	Seeding Depth	Density (lb/ft3)	Dry Matter Yield Potential	Forage Quality
65-75 lbs/acre	Not Recommended	3/4 inch	41.21	2-4 ton/acre	3
70 lbs/acre	Not Recommended	3/4 inch	44.42	2-4 ton/acre	3
25 lbs/acre	35 lbs/acre	1/2 inch	41.75	3-4 ton/acre	4
10-12 lbs/acre + 20-30 lb cereal and 10+lb forage peas	25 lbs/acre	1/2 inch	47.15	1-4 ton/acre	2
10-15 lbs/acre + 30-40 lb cereal and 10+lb forage peas	20 lbs/acre	1/2 inch	44.79	1-3 ton/acre	4
5-7 lbs/acre + 30-40 lb cereal and 10+lb forage peas	12-15 lbs/acre	1/2 inch	45.44	1-3 ton/acre	4
12-15 lbs/acre + 30-40 lb cereal and 10+lb forage peas	Not Recommended	1/2 inch	43.8	2-4 ton/acre	4
4-6 lbs/acre + 40 lb cereal	5-8 lbs/acre	1/4 - 1/2 inch	40	1-3 ton/acre	4
10-12 lbs/acre + 30-40 lb cereal + 10+lb forage peas	Not Recommended	3/4 inch	45.5	2-4 ton/acre	3
12-15 lbs/acre + 50-70 lbs cereal	15-20 lbs/acre	1/2 inch	49.50	1-3 ton/acre	4
12-15 lbs/acre, add in 50-70 lbs of cereal	20-15 lbs/acre	1/2 inch	41.27	1-3 ton/acre	4

A word from our dealers

As a Millborn dealer, I am proud to offer an exceptional range of high-quality seed. With so many options available, I can customize a seed mix around each customer's operation, goals, and acres - finding the right fit rather than taking a one-size-fits-all approach.

Rebekah, Wallaby Ag



Complete Annual

Complete Annual is a versatile annual grazing and soil amendment blend that brings high-quality forages together in a single, one-pass seeding. Designed for maximum flexibility, it can be grazed immediately or stockpiled for swath, fall, or winter grazing. With excellent feed quality and strong regrazing potential throughout the summer, Complete Annual remains palatable well into the fall, helping you make the most of every acre.

48% Forage Oats, 28% Winter Triticale, 17% Forage Peas, 4% C4 Blend, 1% Barsica Forage Rape, 1% T Raptor Leaf Turnip, 1% Barkant Turnip

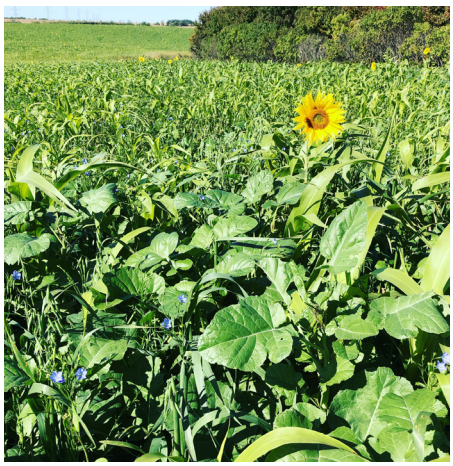
Cool Ranch



Your top choice for a blend that maximizes plant diversity and forage production. Use Cool Ranch as an early planted mix to thrive through the spring and be harvested in the summer as quality silage, baleage, or hay. The added complexity of pollinators and brassicas expands your soil health and provides re-growth for fall grazing opportunities.

40% Forage Oats, 17% Forage Barley, 14% Winter Triticale, 21% Forage Peas, 4% Hairy Vetch, less than 1% of: Flax, Red Clover, Barkant Turnip, Goliath/Winfred Forage Rape, Chicory

Sample	ID	Type	Analysis	Dry Basis Result	As Fed Result	Units	Feed Sufficiency Range Low	High
260831K001	Cool Ranch	Green Feed	Moisture	10.46	10.46	%		
			Protein	13.77	12.30	%		
			ADF	27.69	24.80	%		
			NDF	40.10	35.90	%		
			DMI	2.99	2.68			
			RFV	156	140.00			
			TDN Cattle	67.7	60.60	%		
			ME Cattle	2.44	2.18	Mcal/kg		
			DE Cattle	2.98	2.67	Mcal/kg		
			NEM Cattle	1.55	1.39	Mcal/kg		
			NEG Cattle	0.960	0.86	Mcal/kg		
			NEL Cattle	1.53	1.37	Mcal/kg		



Ranch Hand

Ranch Hand is built to thrive in the tough conditions of western environments. This highly diverse warm-season mix delivers robust performance and is ideal for fall and winter grazing, helping you maximize feed while improving soil health. Whether you're managing challenging terrain or looking to enhance your pasture's resilience, Ranch Hand brings dependable results in hotter, drier conditions season after season.

35% Oats, 25% Sorghum-Sudangrass, 12% German Millet, 10% Common Vetch, 5% Peredovik Sunflowers, 5% Flax, less than 3% of: Barsica Forage Rape, Purple Top Tunrip, Balansa Clover, Winfred / Goliath Brassica



Dryland

Dryland is designed to withstand the hot, dry areas with a higher percentage of warm season forages and tolerant forage rape. This blend can be harvested throughout the summer as haylage, multiple grazing or for stockpiled fall grazing.

30% Pearl Millet, 30% Sorghum-Sudangrass, 15% Hairy Vetch, 10% Barkant Turnip, 10% Barsica Forage Rape, 5% Peredovik Sunflowers

Relay

Relay is a versatile forage blend that combines nutrient-dense brassica varieties with Italian ryegrass and hairy vetch, delivering superior quality and excellent late-season grazing. Designed to complement oats, barley, or spring triticale, Relay is ideal for silage production or swath grazing. By reducing the seeding rate of cereals, you can manage competition and encourage strong growth beneath the canopy. For added benefits, consider including forage peas to boost nitrogen fixation and support overall soil health.

50% Crusader Italian Ryegrass, 20% Hairy Vetch, 15% Hunter Leaf Turnip, 15% Winfred/Goliath Forage Rape



A word from our customers

Relay and forage peas are a good crop that works well for us.

We have tried it a few years. The silage yields and feed tests well, plus we can get grazing out of it in the fall. This year it averaged 8.5 ton/ac and we were happy with that as it was on broken up hay land.

- Pleasant Valley Colony





Swath Grazing

Swath Grazing is designed to complement your existing cereal swath grazing, boosting your herd's performance and your farm's productivity. It increases protein, energy, and digestibility, allowing you to graze more animals, reduce costs, and maintain nutrition needs by leaving calves on cows longer and produce more pounds per acre.. When paired with break fencing, it ensures thorough swath clean-up while leaving a healthy root system that enriches your soil with valuable organic matter.

35% Winfred/Goliath Forage Rape, 35% Hunter Leaf Turnip, 30% Green Globe Turnip
Add 30-40lb of cereal and 10+lb of forage peas

CERTIFICATE OF ANALYSIS PAGE: 1

LAB NUMBER:2648050
SAMPLE ID:2023 SWATH GRAZE
SAMPLE MATRIX:Greenfeed
SAMPLE CUT:
TEST CODE:FN2WM

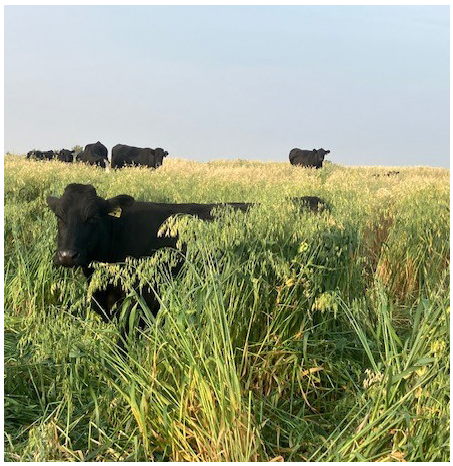
DATE SAMPLED:2023-09-19
DATE RECEIVED:2023-09-21
DATE REPORTED:2023-09-25
DATE PRINTED:2023-09-28

	RESULTS			
PARAMETER	AS FED	DRY	UNIT	METHOD
DRY MATTER				
Moisture	63.41	0.00	%	AOAC 930.15
Dry Matter	36.59	100.00	%	Calculation
PROTEIN				
Crude Protein	4.93	13.48	%	NIR
Soluble Crude Protein	27.70	27.70	% of CP	NIR
ADF-CP	0.49	1.35	%	NIR
NDF-CP	0.78	2.13	%	NIR
UIP (Bypass Protein)	41.31	41.31	Est % CP	NIR
FIBRES				
Acid Detergent Fibre	9.53	26.05	%	NIR
Neutral Detergent Fibre	16.22	44.33	%	NIR
Total Digestible Nutrients	25.10	68.61	%	Calculation
NDFD (24Hr)	54.06	54.06	% of NDF	NIR
NDFD (48Hr)	64.43	64.43	% of NDF	NIR
NDF Dissapearance Rate	5.03	5.03	%/hour	Calculation
Lignin	1.23	3.37	%	NIR

ReGraze

ReGraze is designed to be seeded alongside a cereal crop to deliver high-quality feed and exceptional grazing flexibility. This versatile blend can be planted early and supports multiple grazings throughout the growing season. With outstanding feed quality and impressive regrazing potential, ReGraze stays palatable well into the fall—keeping your livestock grazing on premium forage longer.

66% Winter Triticale, 10% Barsica Forage Rape, 7% Green Spirit Italian Ryegrass, 7% T Raptor Leaf Turnip, 7% Hairy Vetch, 3% Barkant Turnip
Add 30-40lb of cereal along with 10+lb of forage peas





Rootmaster Blend

The Rootmaster Blend is a low-cost combination of tillage radish and brassicas, intended for a plow down cover crop or grazing if applicable. These species have been selected to provide a protective canopy over the soil and complex root structures below. Not recommended for grazing in high sulfur conditions.

55% Daikon Radish, 15% T-Raptor Leaf Turnip, 15% Barsica Forage Rape, 15% Barkant Turnip

Double Down

Double Down is a versatile two-year blend built for performance and flexibility across the prairies. Designed to thrive in a wide range of moisture conditions, it delivers dependable feed options season after season. In year 1, plant early in the spring for high-quality grazing, green feed, silage, or swath grazing—then graze again in the fall or early winter. In year 2, the sweet clover, winter triticale, and red clover return to provide an excellent early grazing or silage opportunity, fixing nitrogen, and giving you double the value from a single seeding. opportunity, giving you double the value from a single seeding. If early grazing is required, the option to add cereals with this mix works well.

66% Winter Triticale, 10% Yellow Blossom Sweet Clover, 10% Goliath/Winfred Forage Rape, 7% Red Clover, 5% Hairy Vetch, 2% Chicory

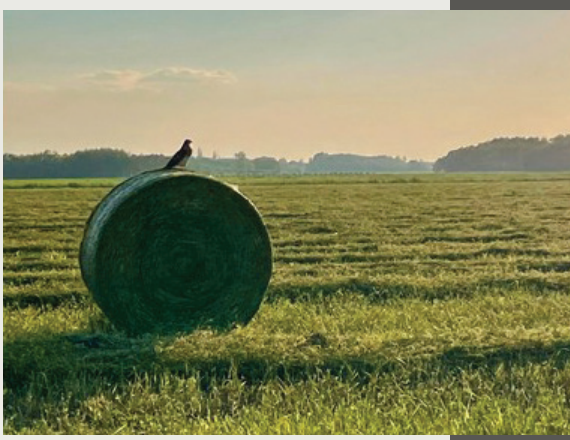


A word from our customers

This was 2 lbs/acre of seed at a cost of $9/acre to grow. Sure going to fix a bunch of nitrogen and feed a lot of cattle for $9/acre!

The sweet clover was seeded in the spring of 2025 in a cover crop blend. Last year we got one cut of silage mid summer and then pairs grazed re-growth that was mostly Italian rye grass last fall. In May of this year we drilled in some Italian rye and other things with hopes of having more fall grazing here. Once things dry up we will get it harvested. Really impressed that we could hammer this field with pairs through the freeze/thaw days of fall and have it overwinter so well.

This field harvested 4 silage bales to the acre weighing 2300lb/bale!



Edie Creek Angus
Anola, MB



Ultimate Annual

The Ultimate Annual Blend is a balanced mix of grasses, legumes, and brassicas. These species complement each other to deliver exceptional nutritional value and agronomic benefits, supporting both grazing and soil health. This blend is well-suited for annual rotational grazing systems, where performance and forage utilization can be maximized. When seeded in combination with cereal and peas, it can be grazed 2-3 times throughout the summer, followed by a full graze off in October/November. Ultimate Annual is ideal for improving body condition across all livestock classes heading into winter.

30% Crusader Italian Ryegrass, 30% Hairy Vetch, 10% Crimson Clover, 10% Goliath/Winfred Forage Rape, 10% Hunter Leaf Turnip, 10% Graza Radish
Add 30-40lb of cereal and 10+lb of forage peas

Green Feed Relay

This blend was formulated to enhance forage quality and overall green feed nutritive value. Hairy vetch is incorporated as the legume component to support nitrogen fixation, improving soil fertility. Weather permitting, Green Feed Relay can be grazed post-harvest. Additionally, the exclusion of brassica species reduces moisture retention within the forage stand, resulting in more efficient dry down time when swathed.

40% Crusader Italian Ryegrass, 30% Annual Ryegrass, 30% Hairy Vetch



Designing your own mix?
Choose the right number of species.

The number of species in your mix should be driven by your goals. Research shows that two to six species can accomplish most targeted outcomes. Performance can vary from year to year as weather and management favor different species.

Start simple with proven, productive species as your foundation, then strategically add species that address specific goals or challenges. From there, monitor performance and adjust your management to get the most from your mix.

Custom blending is available! Speak to your local rep or give us a call at 877.269.2469 to design a custom mix today.

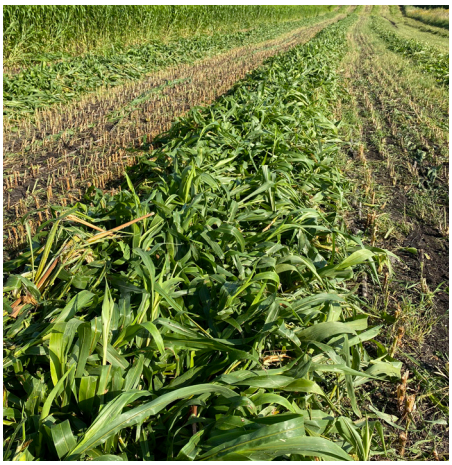


SorMax 85 Forage Sorghum

SorMax 85 Forage Sorghum delivers exceptional feed quality in a fast, 85-day package. This BMR forage sorghum offers improved digestibility and palatability, helping you maximize animal performance without sacrificing tonnage. With its quick maturity and excellent quality, SorMax 85 is a smart, efficient choice for high-value forage production.

Raptor BMR Sorghum-Sudangrass

Raptor Sorghum-Sudangrass is a photoperiod-sensitive BMR hybrid designed to deliver exceptional performance in every cutting. Its unique photoperiod-sensitive trait extends the growing window, driving extremely high yield potential and outstanding water-use efficiency. With Raptor, you get more tonnage, more flexibility, and superior forage quality all season long.





Cow Conditioner BMR Sorghum-Sudangrass

Cow Conditioner Sorghum-Sudangrass is a highly palatable BMR variety that delivers exceptional versatility for your operation. Whether you're grazing, haying, or chopping, this flexible forage adapts to your management style while providing excellent nutrition and digestibility for your herd.



Cowboy Sorghum-Sudangrass

Cowboy Sorghum-Sudangrass is a reliable and versatile forage solution that delivers strong performance across a variety of growing conditions. This economical sorghum-sudangrass hybrid provides excellent value for producers seeking high-quality forage without breaking the budget. Perfect for boosting productivity and maintaining flexibility on the farm, Cowboy Sorghum-Sudangrass is a smart choice for maximizing your forage potential.

When grazing or harvesting sorghum and sorghum-sudangrass hybrids, keep prussic acid risk in mind. Wait until plants reach at least 24 inches tall before grazing or chopping, and avoid harvesting plants under stress. If frost is expected, harvest beforehand or wait 7–10 days after a frost before grazing or cutting.

HayMax Pearl Millet

HayMax Pearl Millet is a leafy, multi-purpose forage that excels in productivity and versatility. Known for its vigorous tillering, it establishes a dense, high-yield stand that performs well across a range of conditions. Ideal for grazing, hay, or silage, HayMax Pearl Millet delivers both quantity and quality, making it a smart choice for any forage program.





Teff Grass

Teff Grass is an exceptionally high-quality grass hay crop, prized for its superior nutrition and palatability. It excels in water use efficiency and under irrigation. With good fertility, it can provide multi-cut harvests, delivering fast regrowth between cuts. Teff Grass is perfect for livestock producers seeking both quality and productivity in their hay fields.

Forage Grasses

Name	Season	Seeding Depth (inches)	Moderate Moisture Rate (lbs/acre)	Dryland Seeding Rate (lbs/acre)	Dry Matter Yield Potential (tons/acre)	Forage Quality
SorMax 85 Forage Sorghum	Warm	3/4 - 1	10-15	8-10	5-7	4
Raptor Sorghum-Sudangrass	Warm	3/4 - 1	15-20	12-15	5-7	5
Cow Conditioner Sorghum-Sudangrass	Warm	3/4 - 1	15-20	12-15	4-6	5
Cowboy Sorghum-Sudangrass	Warm	3/4 - 1	15-20	12-15	4-6	3
HayMax Pearl Millet	Warm	1/2 - 3/4	15-20	10-15	3-5	4
Teff Grass	Warm	1/8 - 1/4	8-10	6-8	3-5	5
German Millet	Warm	1/2 - 3/4	20-25	15-20	2-4	4
Japanese Millet	Warm	1/2 - 3/4	20-25	15-20	2-4	3
Red Proso Millet	Warm	1/2 - 3/4	20-25	15-20	2-4	3
Annual Ryegrass	Cool	1/8 - 1/4	25-30	15-20	3-5	5
Crusader Italian Ryegrass	Cool	1/8 - 1/4	25-30	15-20	3-5	5
Green Spirit Italian Ryegrass	Cool	1/8 - 1/4	25-30	15-20	3-5	5
Simple Cereal Blend (Oats, Barley, Peas, Triticale)	Cool	1 1/2 - 2	80-100	60-80	2-4	3

Broadleaves, Legumes, & Forbs

Name	Species Type	Seeding Depth (inches)	Drilled Seeding Rate (lbs/acre)	Broadcast Seeding Rate (lbs/acre)	Dry Matter Yield Potential (tons/acre)	Forage Quality
Hairy Vetch	Broadleaves & Legumes	1/2 - 1	20–25	25–30	2–4	4
Berseem Clover	Broadleaves & Legumes	1/4 - 1/2	8–12	12–15	2–5	5
Fenugreek	Broadleaves & Legumes	1 - 1 1/2	20-25	25-30	1.5-3	4
Crimson Clover	Broadleaves & Legumes	1/4 - 1/2	15–20	20–25	2–4	4
Balansa Clover	Broadleaves & Legumes	1/4 - 1/2	5–8	8–10	2–4	4
Persian Clover	Broadleaves & Legumes	1/4 - 1/2	5–8	8–10	2–3	4
Subterranean Clover	Broadleaves & Legumes	1/4 - 1/2	10–15	15–20	1.5–3	4
Forage Peas	Broadleaves & Legumes	1–2	75–90	100–120	2–4	5
Forage Soybeans	Broadleaves & Legumes	1 - 1 1/2	60–80	80–100	3–6	4
Winfred Forage Rape	Brassicas	1/4 - 1/2	3–4	5–6	3–5	4
Goliath Forage Rape	Brassicas	1/4 - 1/2	3–4	5–6	3–5	4
Barsica Forage Rape	Brassicas	1/4 - 1/2	3–4	5–6	3–5	4
Green Globe Turnip	Brassicas	1/4 - 1/2	2-4	4-6	3-5	4
Hunter Leaf Turnip	Brassicas	1/4 - 1/2	2–4	4–6	3–5	4
T-Raptor Leaf Turnip	Brassicas	1/4 - 1/2	2–4	4–6	3–5	4
Forage Collards	Brassicas	1/4 - 1/2	2-4	4-6	3-5	4
New York Turnip	Brassicas	1/4 - 1/2	2–4	4–6	3–5	4
Barkant Turnip	Brassicas	1/4 - 1/2	2–4	4–6	3–5	4
Purple Top Turnip	Brassicas	1/4 - 1/2	2–4	4–6	3–5	4
Graza Forage Radish	Brassicas	1/4 - 1/2	3–5	5–7	2–4	4
Daikon Radish	Brassicas	1/4 - 1/2	3–5	5–7	2–4	4
Chicory	Forbs & Forages	1/4 - 1/2	3–5	5–7	3–5	5
Tonic Plantain	Forbs & Forages	1/4 - 1/2	3–5	5–7	2–4	4
Buckwheat	Forbs & Forages	1/2 - 1	40–60	60–80	2–3	3
Peredovik Sunflowers	Forbs & Forages	1 - 1 1/2	5–10	8–12	2–4	3
Phacelia	Forbs & Forages	1/4 - 1/2	4–6	6–8	1.5–2.5	4
Flax	Forbs & Forages	1/2 - 1	20–30	30–40	2–3	2

Forage Quality is measured on a 1 – 5 scale with 1 being the poorest quality and 5 being the highest quality.



Cereals

Whether you're a seasoned cereal expert, or just looking to switch up your crop rotation, we have the seed you need. Our practical grain options include solutions that are tried-and-true on our own experts' farms. You can be sure you're getting the best of the best with Millborn's cereal grains.

Cereals

Product	Season	Best Use	Seeding Depth (inches)	Moderate Moisture Seeding Rate (lbs/acre)	Dryland Seeding Rate (lbs/acre)	Dry Matter Yield Potential (tons/acre)
Forage Barley	Cool	Dual-Purpose	1.5-2	90-135	70-80	2-4
Forage Oats	Cool	Forage	1.5-2	90-100	60-80	3-4
Spring Triticale	Cool	Forage	1.5-2	90-150	60-80	3-5
Winter Triticale	Winter	Forage	1-1.5	90-150	70-80	3-5
Fall Rye	Winter	Forage	1-1.5	90-120	60-80	2-4
Soft White Wheat	Cool	Dual-Purpose	1-1.5	100-125	75-90	2-4
Oat/Spring Triticale Blend	Cool	Forage	1-1.5	90-120	60-80	3-5

Multiple varieties of each species available. Call for details.

Soft White Wheat Feed Test

Soft White	Green Feed	Moisture	19.48	19.48	%	
		Protein	10.32	8.31	%	
		ADF	31.25	25.20	%	
		NDF	50.60	40.70	%	
		DMI	2.37	1.91		
		RFV	119	95.80		
		TDN Cattle	59.8	48.20	%	
		ME Cattle	2.16	1.74	Mcal/kg	
		DE Cattle	2.63	2.12	Mcal/kg	
		NEM Cattle	1.30	1.05	Mcal/kg	
		NEG Cattle	0.730	0.59	Mcal/kg	
		NEL Cattle	1.33	1.07	Mcal/kg	

Keep in Mind

Building a productive forage system takes more than choosing the right seed. Soil health, crop diversity and grazing management all work together to build productive acres and extend grazing opportunities.

SIX PRINCIPLES OF SOIL HEALTH

1. Consider the context and economics of your operation.
2. Minimize soil disturbance.
3. Keep the soil covered.
4. Keep living roots in the soil as long as possible.
5. Increase plant diversity and crop rotations.
6. Integrate livestock.

BUILD A PRODUCTIVE PERENNIAL PASTURE

A strong perennial pasture starts with a mix of grasses and legumes suited to your geography, soils and grazing goals. Legumes can fix nitrogen, improve forage quality and support stand longevity. Including species such as trefoil, sainfoin, and vetch can also help reduce bloat risk when grazing alfalfa. Protect that investment with good grazing management. Rotate livestock through paddocks, allow adequate rest between grazing periods and avoid overgrazing going into fall.

EXTEND YOUR GRAZING

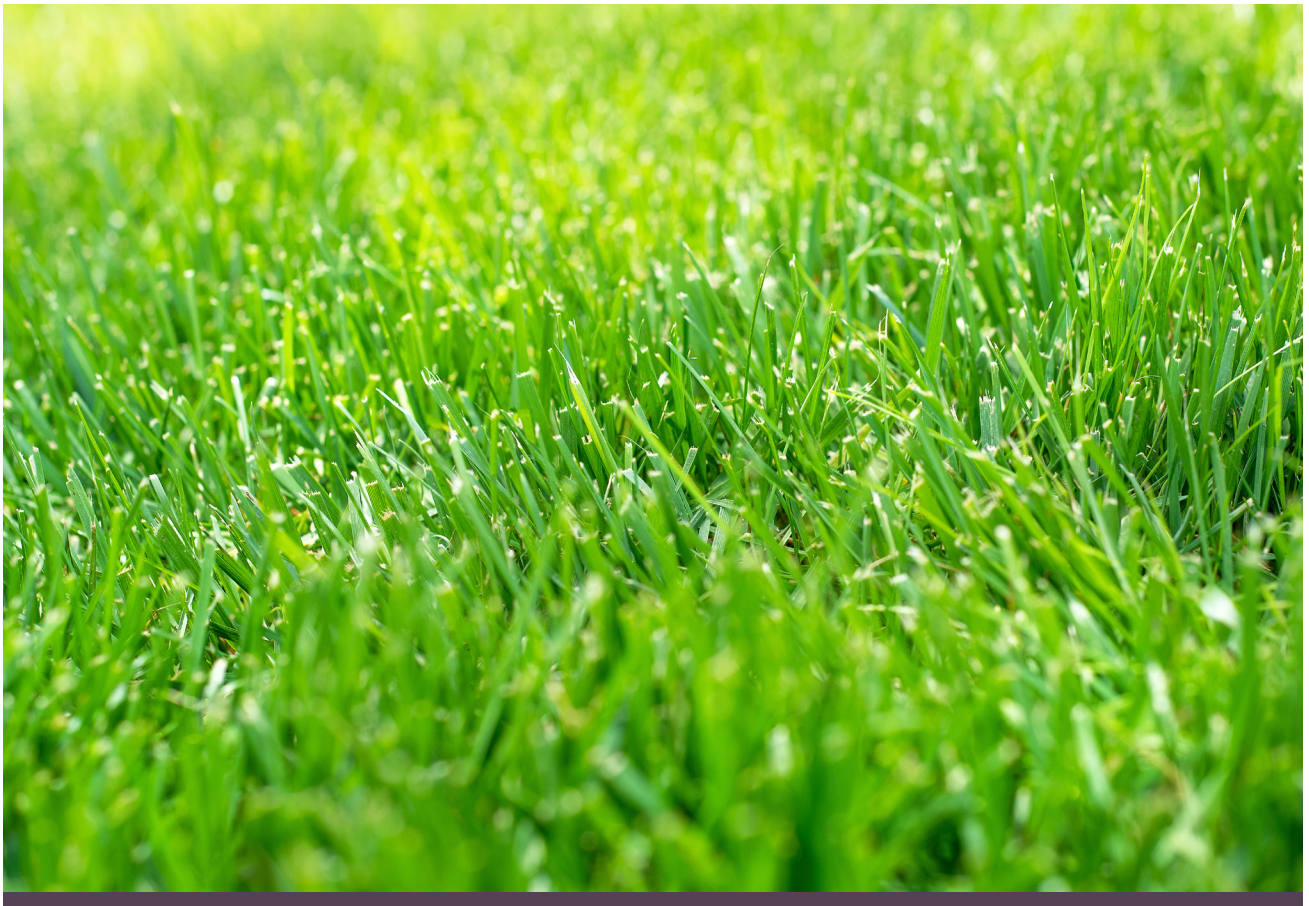
A systems approach combines forage options to keep livestock grazing longer and help fill seasonal feed gaps.

- Maximize the animal's ability to graze.
- Use annual and perennial forages to spread production across the season.
- Add fall-seeded and biennial crops to fill spring and fall feed gaps.
- Stockpile forage when production exceeds demand.
- Consider bale grazing, silage, swath grazing or corn grazing for winter feed.
- Use fencing and watering systems to improve grazing management.

DORMANT SEEDING

Dormant seeding can help take advantage of early spring moisture by seeding when soils are frozen or remain below 2°C (36°F), keeping seed dormant until spring. Hard-seeded legumes such as birdsfoot trefoil, cicer milkvetch, sainfoin, alfalfa and clovers can be good candidates. For best results:

- Seed shallow when dormant seeding into sod.
- Inoculate legumes before seeding.
- Pay close attention to fertility, particularly phosphorus.
- Increase seeding rates by approximately 25%.
- Avoid conditions where winter warming could trigger germination followed by a damaging freeze.



Turf

From standard to specialized, Millborn's turf lineup is as diverse as it is precise. Every turf mix features premium grass seed and a strategically designed mixture of species. Whether you're a homeowner, groundskeeper, contractor, sports complex director, or anything in between, you can find what you need in our turf mixes.

Turf

Variety	Package Size	Mix Ratio	Seeding Rate (lbs per 1000 sq. ft.)	Establishment Rate	Shade	Cold	Drought	Traffic	Growth Habit
Stellar Sun & Shade	5lb, 25lb	55% Turf-Type Kentucky Bluegrass 30% Creeping Red Fescue 15% Turf-Type Perennial Ryegrass	4	14-28 days	●●○	●●○	●○○	●●●	Rhizome & Bunch
Frontier Green	5lb, 25lb	30% Creeping Red Fescue 20% Turf-Type Perennial Ryegrass 20% Turf-Type Kentucky Bluegrass 15% Turf-Type Tall Fescue 15% Chewings Fescue	5-6	14-28 days	●●○	●●○	●●○	●●○	Rhizome & Bunch
Game Day	5lb, 25lb	70% Turf-Type Kentucky Bluegrass 10% Creeping Red Fescue 10% Turf-Type Perennial Ryegrass 5% Chewings Fescue 5% Hard Fescue	4	21-28 days	●○○	●●○	●○○	●●●	Rhizome & Bunch

Shade, Cold, Drought, and Traffic are rated on a 1-3 scale, with 1 being the least tolerant and 3 being the most tolerant.

Turf Species

Kentucky Bluegrass

Chewings Fescue

Hard Fescue

Sheep Fescue

Perennial Ryegrass

Creeping Red Fescue

Tall Fescue

**Custom Turf Mixes Available*





Stellar Sun & Shade

Stellar Sun & Shade delivers high-quality, adaptable turf that thrives in nearly any situation. Whether your ground is irrigated or not, this versatile solution provides lush, durable coverage that performs beautifully across a variety of environments, making it the perfect choice for all your landscaping needs.

55% Kentucky Bluegrass, 30% Creeping Red Fescue, 15% Perennial Ryegrass

Frontier Green

Frontier Green is the versatile turf solution your lawn has been waiting for. Thriving in nearly any soil type, it stands up to drought and handles shaded areas with ease, making it a reliable choice year-round. Designed for durability and low maintenance, Frontier Green creates lush, resilient lawns that look great with minimal effort. Ideal for hydroseeding projects, it establishes quickly and efficiently, giving you a beautiful, hassle-free lawn that lasts.

30% Creeping Red Fescue, 20% Perennial Ryegrass, 20% Kentucky Bluegrass, 15% Turf-Type Tall Fescue, 15% Chewings Fescue





Game Day

The Game Day turf mix delivers lush, meticulously maintained lawns and high-performance sports fields. Designed for irrigated areas with proper fertility, it blends seamlessly with most bluegrass sod, providing a uniform, vibrant look that performs beautifully under both everyday wear and athletic use.

70% Kentucky Bluegrass, 10% Creeping Red Fescue, 10% Perennial Ryegrass, 5% Chewings Fescue, 5% Hard Fescue



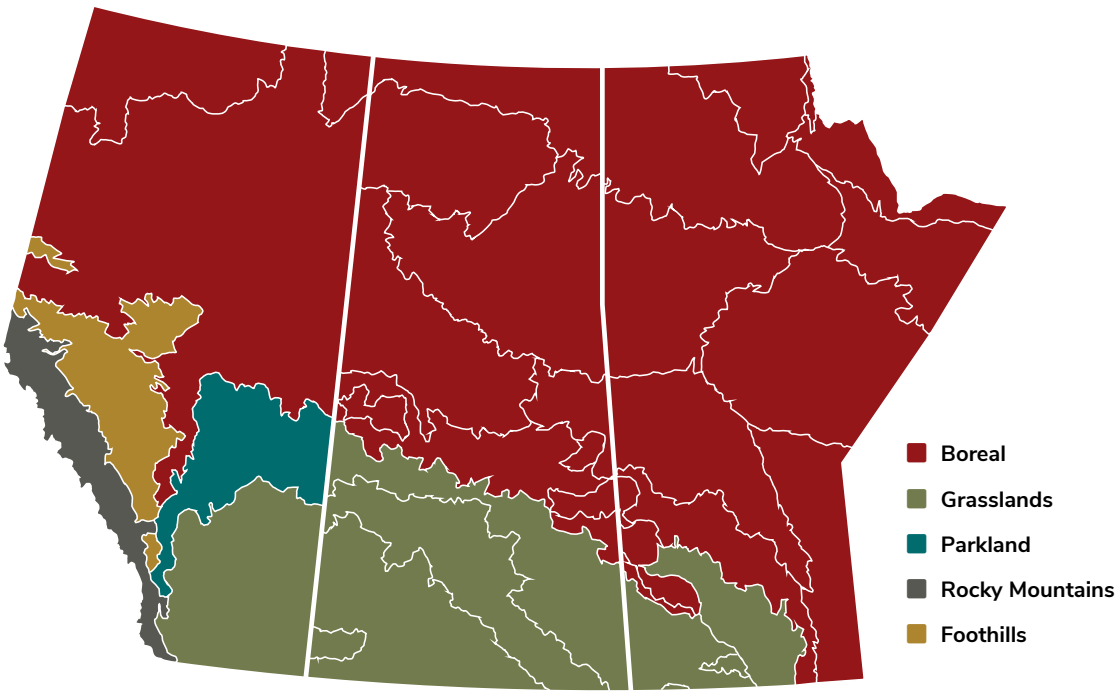
Reclamation Mixes

Native grasses and wildflowers are a key component of landscapes across the country. With options for grasses, wildflowers, wetlands, and all combinations of environmental conditions, we have the right mix for your land or project. Count on our tried-and-true native mixes to polish off any project – from large-scale reclamation to landscaping a yard.

Reclamation Mixes

Mix Name	Description	Species
Boreal	The Boreal Region of Alberta has a cool, moist climate with a short growing season and soils ranging from fertile luvisols to nutrient-poor podzols and peat soils in wetlands.	Fringed Brome, Praire Junegrass, Rocky Mountain Fescue, Inland Saltgrass, Tufted Hairgrass, Western Wheatgrass Northern Wheatgrass
Foothills	The Foothills Region of Alberta has a cool, moist climate with high precipitation, a short growing season, and soils ranging from fertile luvisols to acidic brunisols and podzols.	Mountain Brome, Prairie Junegrass, Green Needlgrass, Rocky Mountain Fescue, Tufted Hairgrass, Slender Wheatgrass, Northern Wheatgrass
Grassland	The Grassland Region of Alberta has a warm, dry climate with the longest growing season in the province and chernozemic soils that are fertile but often moisture-limited. Otherwise known as the 'Prairies".	Sandbergs Bluegrass, Fringed Brome, Indian Ricegrass, Green Needlegrass, Prairie Junegrass, Idaho Fescue, Bluegrama, Northern Wheatgrass, Slender Wheatgrass, Western Wheatgrass
Parkland	The Parkland Region of Alberta has a moderate climate with cold winters, warm summers, and moderate precipitation. Its rich black chernozem soils make it one of Alberta's most productive agricultural regions.	Prairie Junegrass, Rocky Mountain Fescue, Slender Wheatgrass, Canada Wildrye, Northern Wheatgrass, Western Wheatgrass
Rocky Mountain	The Rocky Mountain Region of Alberta has a cold, wet climate with high precipitation, short growing seasons, and thin, rocky, acidic soils.	Rocky Mountain Fescue, Mountain Brome, Prairie Tufted Hairgrass, Slender Wheatgrass, Northern Wheatgrass, Western Wheatgrass
Wildflower Mix	This wildflower mix is best suited to full-sun sites with well-drained, moderately fertile soils prairie to parkland climates. It tolerates cold winters, hot summers, drought, and a range of soil textures, making it very adaptable for reclamation, pollinator habitat, or low-input landscaping.	Blanket Flower, Prairie Coneflower, Purple Praire Clover, Western Yarrow, Goldenrod, Wild Bergamont, Lewis or Blue Flax, Prairie Sage

**Custom Reclamation mixes available for any specified job across the Canadian Provinces.*



**Species included in mixes are subject to change based on availability*

Native Species

Variety	Scientific Name
American Sloughgrass	Beckmannia syzigachne
Awned Wheatgrass	Agropyron subsecundum (Elymus / Agropyron subspp.)
Big Bluestem	Andropogon gerardii
Blue Grama	Bouteloua gracilis
Canada Bluejoint	Calamagrostis canadensis
Canada Wildrye	Elymus canadensis
Fowl Bluegrass	Poa palustris
Fringed Brome	Bromus ciliatus
Green Needlegrass	Stipa virdula
Indian Ricegrass	Achnatherum hymenoides
Little Bluestem	Schizachyrium scoparium
Mountain Brome	Bromus marginatus
Needle & Thread	Stipa comata
Nodding Brome	Bromus anomalus
Northern Wheatgrass	Elymus lanceolatus
Nuttall's Alkaligrass	Pucinellia nuttalliana
Prairie Junegrass	Koeleria macrantha
Prairie Sandreed	Calamovilfa longifolia
Rocky Mountain Fescue	Festuca saximontana
Rough Fescue	Festuca campestris
Sandberg's Bluegrass	Poa secunda ssp. Sanbergii
Sideoats Grama	Bouteloua curtipendula
Slender Wheatgrass	Agropyron trachycaulum
Tufted Hairgrass	Deschampsia cespitosa
Western Porcupinegrass	Hesperostipa curtiseta / Stipa curtiseta
Western Wheatgrass	Agropyron smithii
Alkali Grass	Puccinellia nuttalliana

Variety	Scientific Name
Dahurian Wildrye	Elymus (Campeiostachys) dahuricus
Meadow Brome	Bromus biebersteinii (meadow brome)
Intermediate Wheatgrass	Thinopyrum intermedium (syn. Elytrigia/Agropyron intermedium)
Pubescent Wheatgrass	Agropyron trichophorum / pubescent wheatgrass
Smooth Brome	Bromus inermis
Tall Wheatgrass	Thinopyrum ponticum (syn. Agropyron elongatum / Elytrigia elongata)
Timothy	Phleum pratense
Reed Canary	Phalaris arundinacea
Russian Wildrye	Psathyrostachys juncea
AC Saltlander Green Wheatgrass	Elymus hoffmannii
Black-Eyed Susan	Rudbeckia hirta
Blanketflower	Gaillardia aristata
Canada Milkvetch	Astragalus canadensis
Fringed Sage	Artemisia frigida
Lewis Flax	Linum lewisii
Maximilian Sunflower	Helianthus maximiliani
Plains Coreopsis	Coreopsis tinctoria
Prairie Coneflower	Ratibida columnifera
Prairie Sage	Artemisia ludoviciana
Purple Prairie Clover	Dalea purpurea
Rocky Mountain Beeplant	Cleome serrulata
Smooth Blue Aster	Symphyotrichum laeve
Stiff Goldenrod	Solidago rigida
Western Yarrow	Achillea millefolium
White Prairie Clover	Dalea candida
Wild Bergamot	Monarda fistulosa

Funding is Available for Forage & Grazing Improvements

Government Funding For Forages and Adaptively Managed Grazing

- Planting diverse cover crop blends to extend the growing season and keep living roots in the soil longer.
- Establishing new perennial forage stands with higher legume content to improve resilience, productivity, and forage quality.
- Rejuvenating existing forage stands by interseeding legumes to increase stand performance.
- Installing fencing, water systems, and other infrastructure that supports adaptive grazing management.

Funding opportunities vary by province and program. We recommend looking into programs early, as funding gets claimed quickly. Contact your Millborn representative to learn what programs are available in your area and find out if your operation qualifies.

Standard Bushel Weights

Crop	Standard Bushel Weight (lbs)
Alfalfa	60
Barley	48
Flax Seed	56
Millet	50
Oats	34
Peas (stock & green)	60
Rye	56
Sorghum (forage)	50
Sorghum (grain)	56
Soybeans	60
Sunflower	22
Triticale	50
Wheat	60

Custom Blending Available!

We know every farm is unique and no two operations are the same. If you have a specific mix in mind or want to tweak an existing mix, we offer custom blending options. Speak to your local rep or give us a call at 877.269.2469 to design a custom mix today.

FIND A DEALER NEAR YOU

Alberta				
Barrhead	MORE THAN JUST FEED	Richard Bouwman	780.284.9624	richard.bouwman@nutrisource.ca
Barrhead	CANADIAN HAY & SILAGE LTD.	Hans Kruidhof	780.206.4666	hans@canadianhayandsilage.com
Coaldale	MORE THAN JUST FEED	Ken Van Driesten	587.727.0433	ken.vandriesten@mtjf.ca
Coronation	BLACK 7 AG LTD	Maureen Black	403.578.8185	mblackag@gmail.com
Crossfield	SOUTHERN CROSS LIVESTOCK	Graeme Finn	403.312.2240	graeme@southerncrosslivestock.ca
Del Bonita	KNT RANCH	Kelly Millward	403.360.5016	kntranch@hotmail.com
Duchess	66 RANCH LTD.	Kelsey Campbell & Katie Cowie	403.501.8681	prairierootsresourceco@gmail.com
Eckville	CENTRAL ALBERTA CO-OP	Heather Osterhout	403.505.1463	h.osterhout@centralab.coop
Ford MacLeod	BEUSEKOM FARMS LTD.	Arnold Beusekom	403.892.3861	beusekom.a@gmail.com
Grassy Lake	CORNS SEEDS	Whitney Corns	403.360.0833	whitney.corns@hotmail.com
Hanna	CORE - AG	Brad Richardson	403.854.6327	brad.richardson@coreag.ca
Hay Lakes	SYCH HOMESTEAD INC.	Dan Sych Taylor Sych	780.608.0850 780.878.5119	dan@sychhomestead.ca taylor@sychhomestead.ca
Innisfail	CENTRAL ALBERTA CO-OP	Leslie Leischner	403.227.3466	l.leischner@centralab.coop
Irma	LINGLEY LIVESTOCK	Steve & Jenna Lingley	780.806.0347	lingleylivestock@gmail.com
Irvine	TRAVIS NOBLE	Travis Noble	403.979.1699	xbargrasscattle@hotmail.com
Manning	JACKKNIFE CREEK LAND & CATTLE	Jolene Noble	780.887.9446	jclcfarms@gmail.com
Milo	LAZY M FARMS	Chad Monner	403.485.5980	chadmonner@hotmail.com
Mirror	DARK HORSE CROP MANAGEMENT	Logan Kary	403.916.4680	darkhorsecropmanagement@gmail.com
Picture Butte	K3 SEEDS	Klaas Slomp	403.634.5582	klaas@K3seeds.com
Ponoka	MORE THAN JUST FEED	Ken Van Driesten	587.727.0433	ken.vandriesten@mtjf.ca
Sangudo	JH BAR RANCH	Jay Hagel	403.874.1615	jay.hagel@hotmail.com
St. Paul	MISTOL SEEDS	Mistol Seeds	780.645.5560	mistolseeds@gmail.com
Stettler	Central AB Ag Supplies	Gary Rairdan	403.740.6823	gary@centralabag.ca
Stettler	WALLABY AG INC.	Rebekah Krause	403.741.9714	wallabyag@gmail.com
Trochu	RANAMAN RANCH	Randy & Amanda Wunsch	403.443.8396	ranamanranch@gmail.com
Vegreville	SR FEED & FARM SUPPLY	780.631.9290	780.631.9290	srfeedfarmsupply@gmail.com
Vermilion	RANCHING SYSTEMS LTD	Sean McGrath	780.853.9673	sean@ranchingsystems.com
Warburg	WARBURG SEED CLEANING CO-OP LTD.	Tom Luethi	780.848.2365	warscp@gmail.com
Wheatland County	BARBEEJAY SUPPLIES LTD	John Bland	403.934.7972	bbj1@efirehose.net
Wheatland County	SHARPLEY ANGUS RANCH	David & Petra Sharpley	403.325.1245	maplejack2@gmail.com

British Columbia				
Cranbrook	**FEED & SEED**	Darrell Graff	250.426.1897	
Houston	**6S FAMILY FARM**	Rick & Joy	250.845.8549	joy@6sfamilyfarm.ca
Lavington	**FORAGE BASED SOLUTIONS**	Mike Witt	250.558.9577	mike@foragebased.com
McBride	**JOYWAY FARMS**	Eldon Zimmerman	250.569.7204	eldonzim@icloud.com
Manitoba				
Anola	**EDIE CREEK ANGUS**	Stefan Bouw	204.232.1620	info@ediecreekangus.com
Ashern	**2B LAND AND CATTLE**	Jason Bednarek	204.768.0184	hawker2b@2blandandcattle.ca
Dauphin	**FOX TECHNOLOGIES**	Ben Fox	204.647.5060	justamereranch@gmail.com
St. Malo	**MORE THAN JUST FEED**	Chris Elias	204.408.5312	chris.elias@nutrisource.ca
Ile Des Chenes	**DARNELL PLETT**	Darnell Plett	204.270.0115	demplett@hotmail.com
Inwood	**MICHAEL MOTT LIVESTOCK**	Michael Mott	204.861.0319	bar_mlivestock@hotmail.com
Rapid City	**BOOTSMAN AG ENTERPRISES**	Joey Bootsman	204.720.8386	joeybootsman@hotmail.com
Roblin	**3K HOLDINGS**	Darren Keown	204.937.7333	darrenkeown@gmail.com
Ontario				
Emo	**EMO FEED SERVICE LTD.**	John Sawatsky & Johannes Gerber	807.271.3216	john@emofeeds.com johannes@emofeeds.com
Saskatchewan				
Carlyle	**MITCHELL MARTEL**	Mitchell Martel	306.527.7243	mj.martel@sasktel.net
Earl Grey	**QUINTON SCHMIDT**	Quinton Schmidt	306.718.7090	quintonschmidt1@gmail.com
Estevan	**SOUTHERN PLAINS COOP**	Jason MacDonald	306.461.8830	j.macdonald@southernplainscoop.com
Fleming	**TREVOR & CINDY GREEN**	Trevor & Cindy Green	306.435.7862	trevor.green444@gmail.com
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Gravelbourgh	**HAWKS AGRO**	Jordan Mann	603.648.3110	jordan.mann@hawksagro.com
Manor	**KBI SEED PROCESSING**	Lloyd Beutler	306.630.8660	customerservice@kbiseed.ca
Maple Creek	**KEYSTONE RANCH SOLUTIONS**	Katie Gordon	403.878.5809	keystoneranchsolutions@gmail.com
Minton	**D&R PRAIRIE SUPPLIES**	Roger Meyers	306.221.1558	rogermbtr@gmail.com
Moose Jaw	**BAR OVER HC LIVESTOCK**	Kelly & Julie-Anne Howe	306.313.2129	khowe@baroverhc.ca
Neilburg	**BRADY SEGIN**		780.288.8640	brady@ygconcrete.com
Norquay	**NORQUAY CO-OP**	Loren Rayner	306.621.9771	loren.rayner@norquaycoop.ca
Swift Current	**S&R GERBRANDT FARMS**	Robyn Gerbrandt	306.291.0979	srgerbrandt@gmail.com
Warman	**MORE THAN JUST FEED**	Travis Fehr	306.270.4642	travis.fehr@nutrisource.ca
Whitewood	**HIGH PLAINS RANCH LTD.**	Ryan Bierbach	306.735.1341	shophighplains@me.com
Yorkton	**BLUE ROCK CATTLE COMPANY**	Ben Stuart	780.888.7303	bluerockcattleco@gmail.com
Forage Specialists				
Kassidy Gates			780.221.4686	kassidy@millborn.ca

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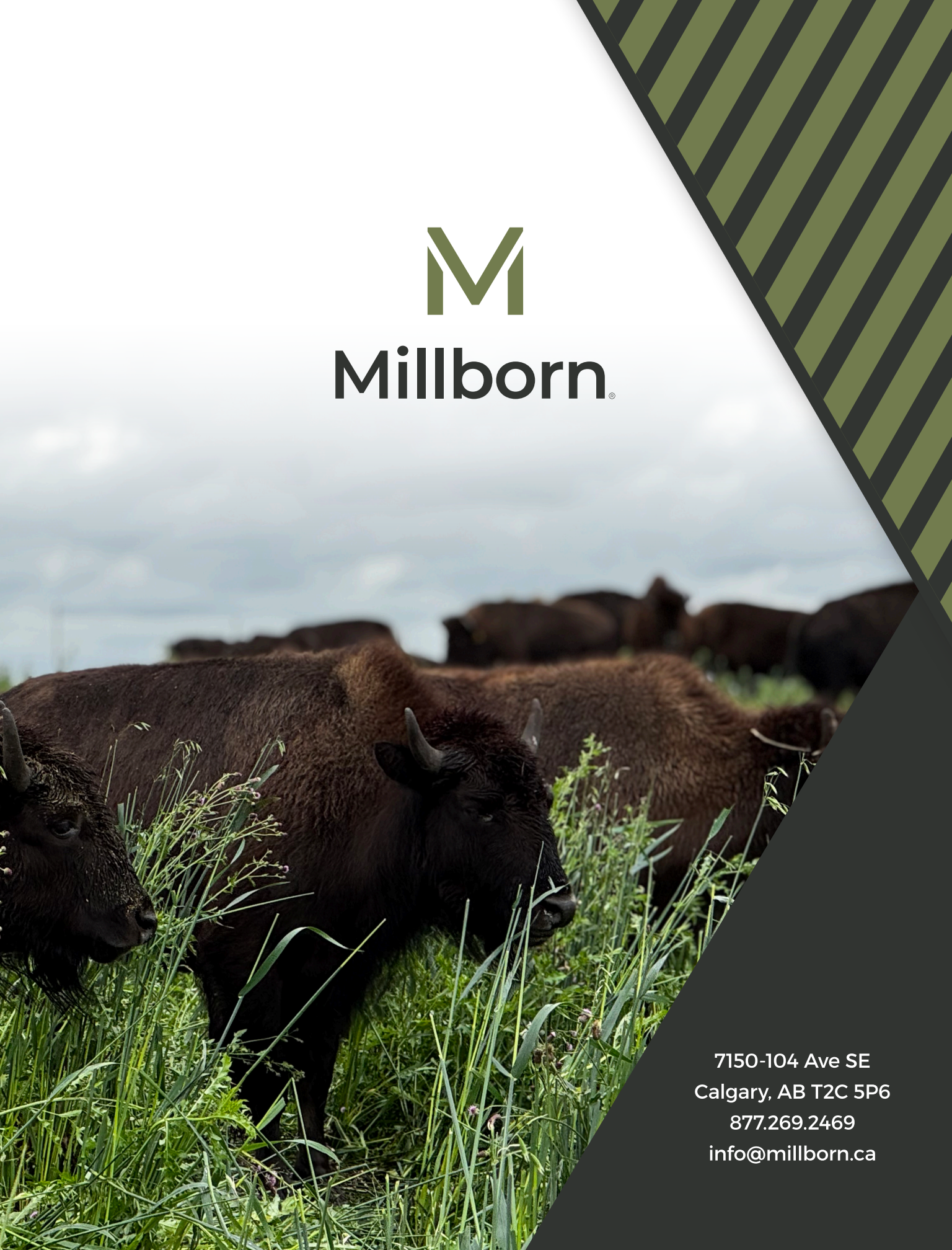

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