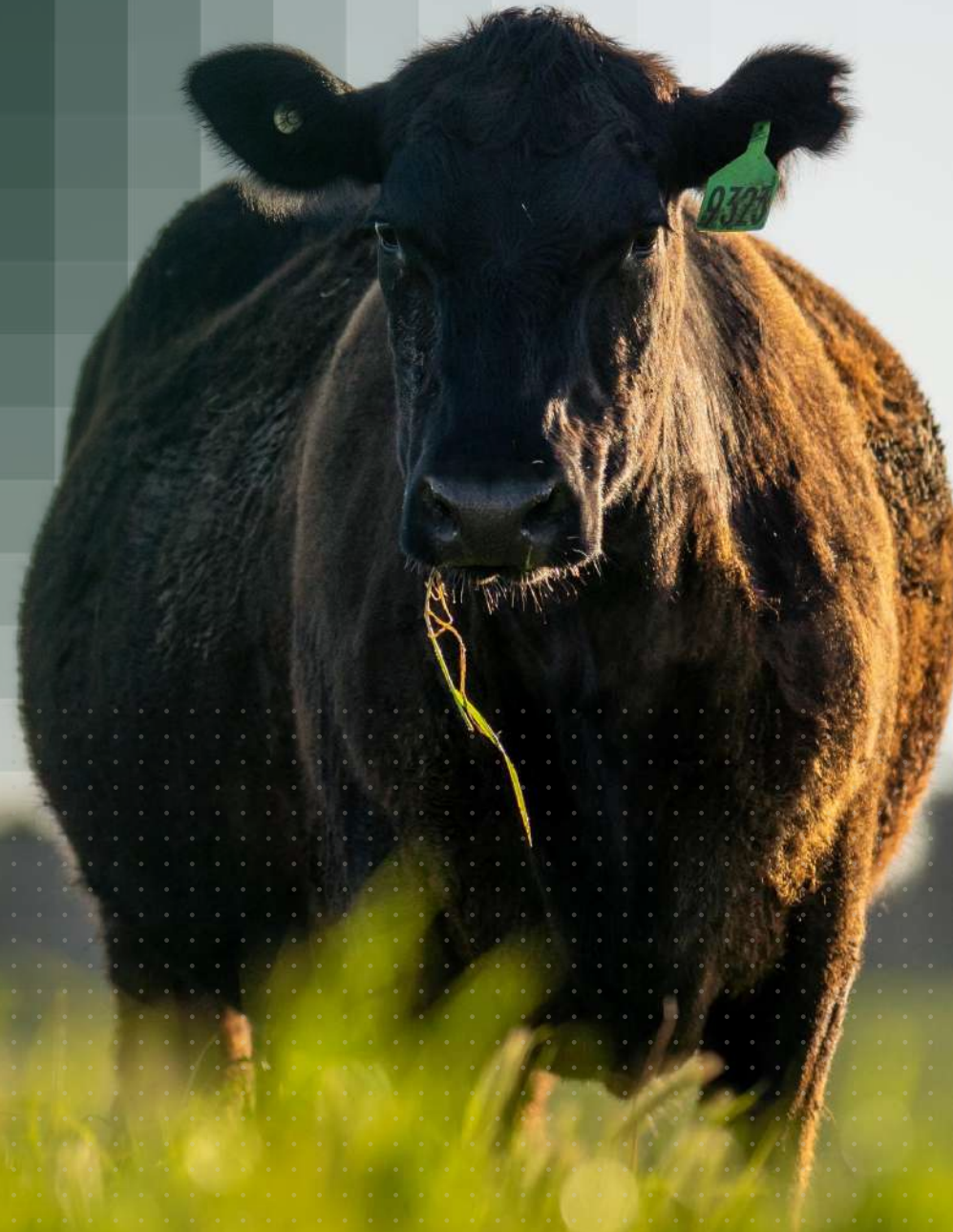


**Nutrien**  
Ag Solutions®

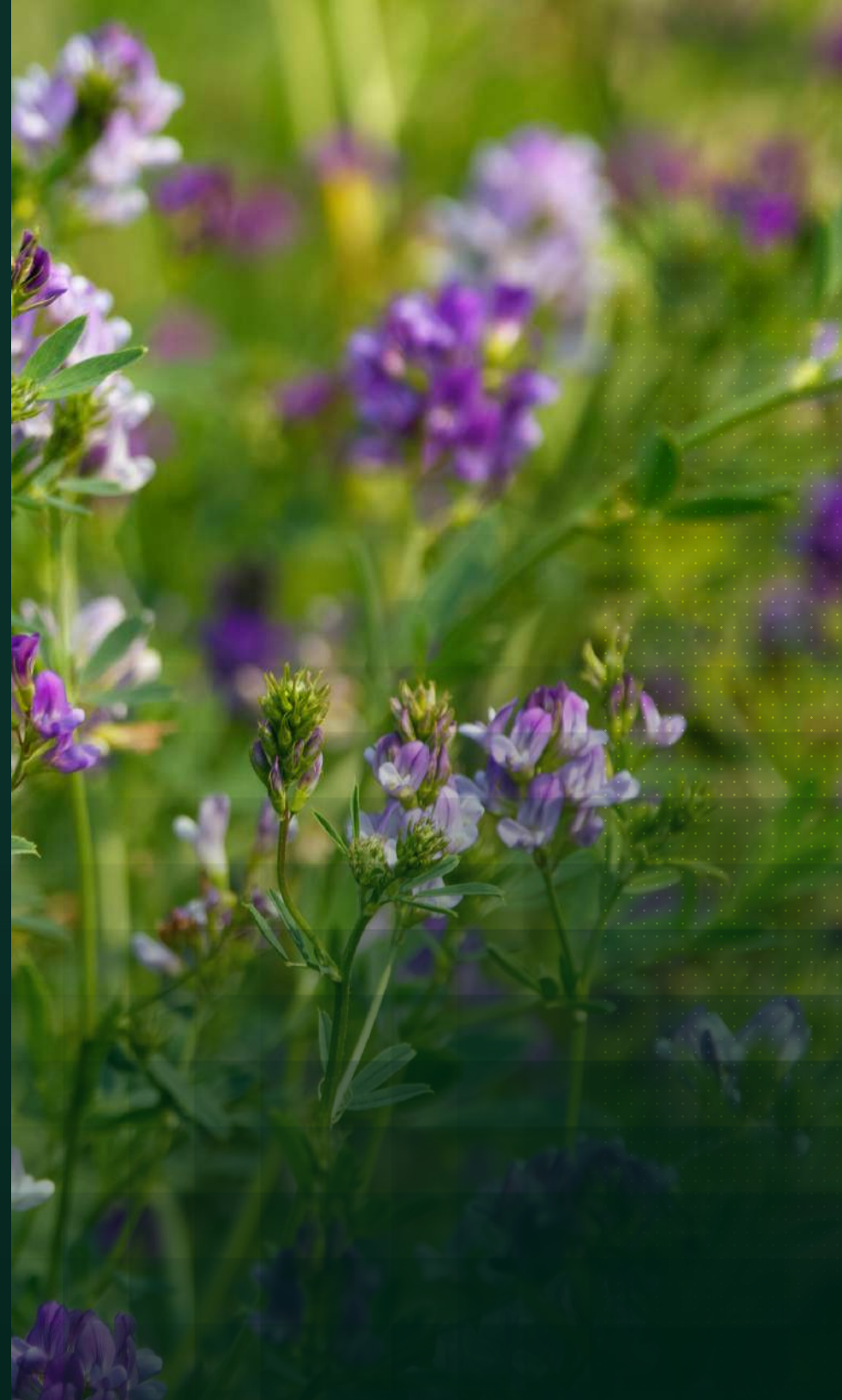
**Proven**®  
SEED

# FORAGE GUIDE



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At Nutrien Ag Solutions® we want to help you grow a productive forage crop. Our impressive line-up of Proven® Seed forage products are backed by industry leading genetics and expert agronomic advice. Our strict quality assurance standards result in top quality seed and our Master Blends are precisely tailored to fit the unique needs of your operation. With our extensive forage seed offering, we have an option that fits your acres. Set yourself up for success with trusted forages from Proven Seed, available exclusively at Nutrien Ag Solutions.

### Retail

Nutrien Ag Solutions has an extensive retail network making it the largest agricultural retailer in Western Canada. Found throughout Alberta, Saskatchewan, Manitoba and British Columbia, our staff are here to help you find the best forage option for your operation. Whether it's a single forage species, a Master Blend for hay or pasture, or creating a custom blend, our staff have an abundance of information to help you choose the best forage option.

Backed by an experienced Proven Seed forage team, our retails can get the information you are looking for.

### Proven Experience

The highly effective Proven Seed forage product management team has extensive years of cumulative experience.

Proven Seed can provide the agronomic and business expertise to ensure that the best product possible makes it to customers. We support the forage business by sourcing new varieties, running field trials and providing agronomic advice.

### Forage Production & Wholesale

Nutrien Ag Solutions has two processing facilities, one located in Carrot River, SK and the other in Fairview, AB. These two facilities are responsible for all our in-house forage production as well as buying and selling in the wholesale forage market. Both plants clean and store forage seed and perform quality testing at our lab located at the Carrot River location. With Carrot River's extensive warehousing, all of our forage seed including native species are on hand to blend up for our Master Blends and custom blends.

If you are interested in growing forage seed call:

Carrot River, SK: 306.401.8778

Fairview, AB: 780.835.5435



To learn more, contact your local Nutrien Ag Solutions representative, call the Forage Help Desk at 1.800.661.3334 or visit us online at [www.provenseed.ca](http://www.provenseed.ca)





Deciding which forage seed to purchase is a big decision. At Nutrien Ag Solutions®, we are here to help. We have a strict quality assurance program which exceeds certified seed industry standards. When you purchase a bag of Proven® Seed, you are purchasing forage seed of the highest quality. That, along with our amazing Performance Promise®, means you can grow with confidence.

### Backed by the Proven Seed Performance Promise

Invest in Proven Seed and have confidence your investment is protected by the industry’s leading reseed program. The Proven Seed Performance Promise gives growers the opportunity to replant forage stands at half of the original suggested retail price in the case of inadequate establishment.

Establishing productive forage stands can be difficult. Proven Seed offers top-quality forage varieties stringently tested under local conditions to help minimize risk. Combined with our Performance Promise, forage producers can grow with confidence.

Based on extensive research, companion crops can be detrimental to forage establishment. We recommend a lower seeding rate for companion crops, such as barley and oats, to reduce competitive pressure on the establishing forage.

Customers who seed proprietary Proven Seed forages will be registered automatically for the Proven Seed Performance Promise. In order to receive 50% of Proven Seed’s Performance Promise at no charge, customers must purchase the other 50% at SRP.

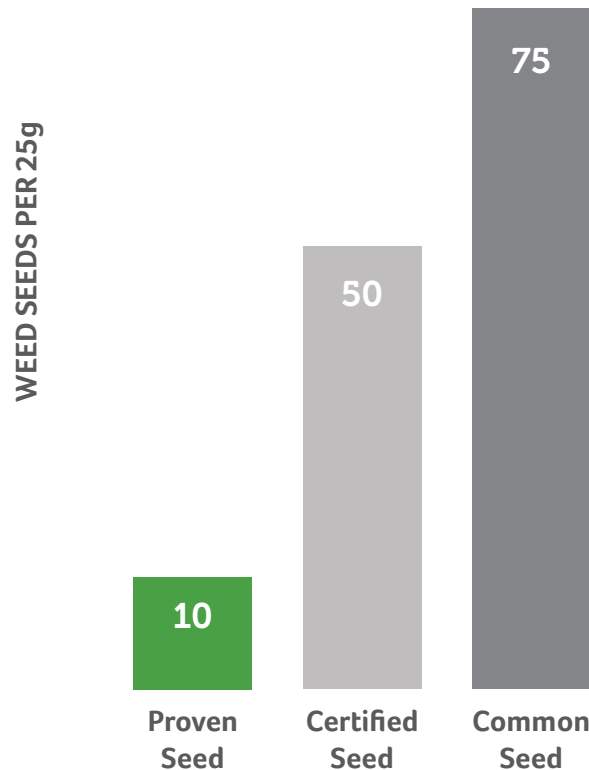
### Coverage Under the hps® Brand

Developed for our forage seed products, the hps brand is the common seed line from Nutrien Ag Solutions. It provides forage growers with coverage under the best reseed program in the industry and the same high-quality standards as our certified seed.

### Quality Assurance

When selecting seed lots for our forages, careful consideration is taken to ensure you have the highest level of success possible. Proven Seed forages, including Master Blends and hps-branded varieties, conform to the rigid purity standards of less than 10 weed seeds per 25g.

The number of weed seeds per bag can greatly impact the quality of a forage stand in the long term. Only top quality seed goes into our forage seed bags.



## PV Parlour HG

High feed quality, strong yield and great agronomics

Hi-Gest™ Alfalfa Technology improves fiber digestibility and forage quality while maintaining yield, long stand persistence and resistance to multiple pests.

- An elite, conventional variety selected for high yield and quality, with a high leaf to stem ratio for more crude protein.
- Features improved fiber digestibility when compared to other varieties for enhanced animal performance.
- Offers flexibility to manage tonnage and quality.

## Halo 2

Excellent salinity tolerance and high forage yield potential

Halo 2 is the newest variety of salt tolerant alfalfa selected for improved germination and forage production under salinity stress. Dual purpose for high performance in non-saline fields as well as improved performance on marginal saline ground. Halo 2 has excellent forage yield potential and strong winter-hardiness. This variety is adapted to all areas where salinity limits the production of high quality hay.

Managing soil salinity has become increasingly achievable for alfalfa hay producers in Western Canada with the development of salt tolerant varieties like Halo 2.

## Spredor 5

Fifth generation creeping rooted alfalfa with extremely high winter survival

Spredor 5 is a creeping rooted variety well suited for grazing situations. It has been proven to perform in salt-tolerance trials.

- Early fall dormancy, very hardy winter survival rating.
- Early seedling establishment, fast recovery after cutting and long stand persistence.
- Drought and salt-tolerant at germination.
- Excellent leaf retention and fine stems for high quality.

Spredor 5 is featured in our Haymaster Ultimate, Beefmaster, Ranchmaster II, Legumaster, Seasonmaster, Grazemaster and Equimaster II Master Blends.

## PV Ultima

Top yielding, high quality

Ideal under high moisture or irrigation. PV Ultima is an industry leading alfalfa with a high fall dormancy rating and strong winter survival combined with high yield over multiple cuts. Found in the Haymaster Limited Master Blend.

Pest resistance

- Resistance to pests is an important selection feature in alfalfa varieties.
- Pests reduce the yield, persistence and quality of a forage stand.
- PV Ultima is characterized by resistance to several important alfalfa diseases and insect pests.

## PV Prestige <sup>NEW</sup>

PV Prestige is a variety selected to mature more slowly which allows for a wide harvest window to manage forage quality and yield. Exceptional winter hardiness and wheel traffic tolerance makes PV Prestige very well suited as a dual purpose variety for hay or pasture.

- Newest generation variety selected to grow and mature more slowly which allows for greater harvest flexibility.
- Well suited for one to two cuttings with the option for grazing during the season.
- Exceptionally strong winter survival means greater stand longevity.
- Excellent persistence under wheel traffic.

## How to Select Your Alfalfa

Comparing alfalfa varieties can be difficult and overwhelming.

Here are some key factors to consider when comparing an alfalfa variety to your alfalfa stand expectation:

- **Intended use:** Most alfalfa is planted for harvest as hay, silage or grazing. Special situations may require different variety selection criteria. When selecting or comparing alfalfa varieties, base decisions on expected alfalfa performance under realistic management conditions.
- **Winter hardiness:** This is a measure of the plant's ability to survive winter without injury. Measured on a scale of 1 to 6; 1 being the hardest and 6 being the least hardy. Winter-injured plants may survive the winter, but the buds formed in the fall for spring regrowth may be killed. These plants have fewer shoots for first cutting and produce a lower yield.
- **Fall dormancy:** This is measured by determining how tall alfalfa grows in the month following a September 1 cutting. More dormant types will remain short and low-yielding through the fall period no matter how good the growing conditions. Less dormant varieties typically yield more in the fall, green up earlier in the spring and recover more quickly between cuttings. The strategy should be to choose less fall dormant varieties that meet the winter survival requirement. These plants will green up earlier in the spring and recover more quickly between cuttings to give higher total season yields.
- **Forage quality:** Many new varieties on the market have improved forage quality. Evaluate alfalfa varieties based on estimated digestibility, intake and relative forage quality compared to standard varieties.
- **Pure alfalfa seeding rate:** Target for 10 lb/ac for direct seeding. If broadcasting and incorporating use 15 lb/ac.
- **Inoculated seed:** All Proven® Seed alfalfas are pre-inoculated with rhizobia bacteria to increase alfalfa plant root nodulation.
- **Recommended planting window:** Mid-April to first week of June depending on soil temperatures.



VARIETY	KEY FEATURE	OTHER FEATURES	INOCULATION*	WINTER SURVIVAL	FALL DORMANCY	DISEASE RESISTANCE	REGROWTH POTENTIAL	ROOTING TYPE
<b>PV Prestige</b> <sup>NEW</sup>	Great harvest flexibility	Excellent persistence under wheel traffic Strong winter survival High disease resistance	Novozymes Nitragin® Gold		2.4	Anthracnose - HR Aphanomyces Root Rot - HR Phytophthora Root Rot - HR Bacterial Wilt - HR Fusarium Wilt - HR Verticillium Wilt - HR	1-2 cuts	Tap Root
<b>PV Ultima</b>	Top yielding	Very persistent with strong tolerance to pests Multi-cut High quality Multi-foliolate	Novozymes Nitragin® Gold		4.4	Verticillium Wilt - HR Fusarium Wilt - HR Phytophthora Root Rot - HR	3-4 cuts	Tap Root
<b>VR Total</b>	High performance	High quality Flexible harvest window Very winter-hardy Traffic tolerant Multi-foliolate	Novozymes Nitragin® Gold		2.1	Verticillium Wilt - HR Fusarium Wilt - HR Phytophthora Root Rot - HR	1-2 cuts	Tap Root
<b>PV Parlour HG</b>	Hi-Gest™ Alfalfa Technology improves digestibility	High leaf to stem ratio More crude protein Multi-foliolate	Novozymes Nitragin® Gold		4.0	Verticillium Wilt - HR Fusarium Wilt - HR Phytophthora Root Rot - HR	3-4 cuts	Tap Root
<b>Spredor 5</b>	Very persistent creeping rooted alfalfa	Improved tolerance to salt, drought and a wide spectrum of diseases	Novozymes Nitragin® Gold		2.0	Verticillium Wilt - HR Fusarium Wilt - HR Phytophthora Root Rot - HR	1 cut	Creeping Root
<b>Halo 2</b>	Excellent salinity tolerance	Excellent yield potential Strong winter hardiness Multi-foliolate	Novozymes Nitragin® Gold		4.0	Verticillium Wilt - HR Fusarium Wilt - HR Phytophthora Root Rot - HR	2-3 cuts	Tap Root
<b>hps® Premium Blend</b>	Multiple technologies in one strong package	Top performing varietal blend	Novozymes Nitragin® Gold	†	†	†	2-3 cuts	Creeping and Tap Root

Winter Survival: = Good, = Excellent.

Fall Dormancy: 1 = Dormant, 10 = Non-dormant. HR = Highly resistant, R = Resistant, † Indicates a blend.

\*Novozymes Nitragin Gold pre-inoculant nitrogen-fixing bacteria for alfalfa and sweet clover is OMRI listed for Organic use.

## Orchardgrass

### Blizzard Orchardgrass

Medium-late maturing with superior winter survival

- Improved stand persistence
- Stem rust resistant
- Great forage yield potential

## Ryegrass

### Italian Ryegrass

High-yielding, tetraploid variety

- Longer, wider leaves than older types
- Improved forage quality
- Very rapid establishment with rapid regrowth after cutting/grazing
- Manage as a winter annual – poor winter survival in the Prairie provinces

## Tall Fescue

### Barelite Tall Fescue <sup>NEW</sup>

High quality grass

- Increased seedling vigour
- Soft-leaf for increased palatability
- Great pasture grass
- Winter hardy
- Endophyte free

## Timothy

### CDC Tiznow <sup>NEW</sup>

- Bred in Western Canada at the Crop Development Center
- Mid maturing
- Multi-cut

### Basho Timothy

High-yielding, good regrowth

- Early-medium maturing timothy
- Selected for spring vigour and plant health
- Very good forage quality

### Grindstad Timothy

Reliable dual purpose for hay and pasture

- Tall, medium-maturing variety
- Selected under severe grazing pressure
- Good yield potential
- Very good regrowth

### Barpenta Timothy

Late maturing and high-yielding

- Intended for one-cut systems
- Late-maturing variety
- Exceptionally high yields

## Wheatgrass

### CDC Salt King <sup>NEW</sup>

- Improved salinity tolerance over AC Saltlander
- Soft, palatable leaf
- Seedlings are vigorous and establish well in moderate to high saline sites

### Greenleaf Pubescent Wheatgrass

Drought tolerant species for dual purpose forage stands

- Best period for grazing is May to early June
- Stays green longer and matures later than Crested Wheatgrass
- Later maturity makes it very suitable for hay when mixed with alfalfa and cut at first flower



	VARIETY	TYPE	GROWTH HABIT	REGROWTH	BEST FIT	GRAZING CALENDAR	WINTER SURVIVAL	DROUGHT TOLERANCE
<b>GRASS</b>								
<b>BROME</b>	AC Knowles Hybrid Bromegrass	Meadow x Smooth Bromegrass	Mild Sod Former Bunch	Very Good	Hay and Pasture	Season Long Stockpile	Very Good	Very Good
	hps® Smooth Bromegrass	Smooth Bromegrass	Sod Former	Very Good	Hay and Pasture	Late Spring to Early Summer	Excellent	Excellent
	Fleet Meadow Bromegrass	Meadow Bromegrass	Bunchgrass	Excellent	Pasture Stockpile	Season Long Stockpile	Good	Good
<b>FESCUE</b>	Barelite Tall Fescue <sup>NEW</sup>	Tall Fescue	Bunchgrass	Good	Hay and Pasture	Spring to Fall	Good	Moderate
<b>ORCHARDGRASS</b>	Blizzard Orchardgrass	Orchardgrass	Bunchgrass	Very Good	Hay and Pasture	Spring to Fall	Good	Moderate
<b>WHEATGRASS</b>	CDC Salt King Green Wheatgrass <sup>NEW</sup>	Green Wheatgrass	Creeping Root	Very Good	Hay and Pasture	Early Spring to Fall	Excellent	Very Good
<b>TIMOTHY</b>	CDC Tiznow Timothy <sup>NEW</sup>	Timothy	Bunchgrass	Very Good	Hay and Pasture	Spring to Late Summer	Very Good	Low
<b>RYEGRASS</b>	Meroa Italian Ryegrass	Italian Ryegrass	Bunchgrass	Excellent	Annual Pasture	Spring to Fall	Poor	Low



**A master blend of advice, genetics and testing**

These blends have been custom designed to balance agronomic fit and specific feed requirements with the best value. They have been tailored for the Prairies and they've delivered, year after year. Proven<sup>®</sup> Seed Master Blends give you the confidence that you're making a forage choice that will provide results. With 26 different blends and two annual blends

**1 SELECT THE PRIMARY PURPOSE OF YOUR FORAGE**

**2 SELECT YOUR DESIRED ALFALFA PROPORTION**

**Hay**

Alfalfa blend %  0%  15%  >30%

**Pasture High**  
Moisture Zone

Alfalfa blend %  0%  5-7%  15%

Do you require an all legume blend?  **YES**  0%

or

Does the area have special management issues?  **YES**

**Pasture Low**  
Moisture Zone

Alfalfa blend %  0%  5-7%  15%

Do you require an all legume blend?  **YES**  0%

or

Does the area have special management issues?  **YES**



### 3 REVIEW YOUR OPTIONS

### 4 MAKE YOUR SELECTION



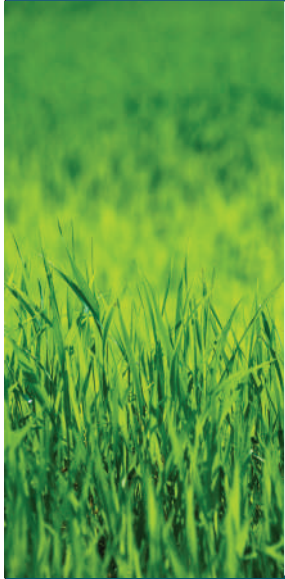

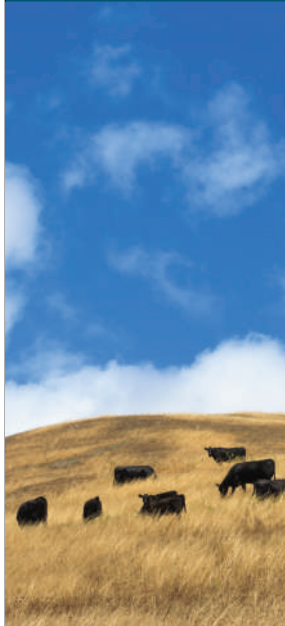

Proven® Seed Hay Master Blends are designed to be a tailored fit for many of the most common hay requirements across the Prairies. Custom blends are available upon request.

	<b>0% Alfalfa blend</b>	Haymaster Grass ALL GRASS
		Equimaster Hay ALL GRASS
	<b>15% Alfalfa blend</b>	Dualmaster DUAL USE
	<b>30-90% Alfalfa blend</b>	Haymaster Dairy HIGH QUALITY
		hps® Haymaster II HIGH QUALITY
		Haymaster Beef ALL PURPOSE
		Haymaster Limited ALL PURPOSE
		Haymaster Ultimate ALL PURPOSE
		Haymaster Dry DRYLAND
		Haymaster 50 ALL PURPOSE
Haymaster Deluxe HIGH QUALITY		
	<b>Special use</b>	Brinemaster



THE BLEND		FEATURES	BENEFITS
50%	hps® Smooth Bromegrass	<ul style="list-style-type: none"> <li>• All grass blend</li> <li>• Can persist in low or poorly drained areas</li> </ul>	<ul style="list-style-type: none"> <li>• Good summer production</li> <li>• Good blend for first cut hay and winter stockpile</li> </ul>
20%	Barelite Tall Fescue		
20%	Fleet Meadow Bromegrass		
10%	Blizzard Orchardgrass		
40%	AC Knowles Hybrid Bromegrass	<ul style="list-style-type: none"> <li>• All grass blend</li> <li>• Flexible cutting times for high quality and digestibility</li> <li>• Very good regrowth</li> </ul>	<ul style="list-style-type: none"> <li>• Better forage quality than Smooth Bromegrass</li> <li>• Better yield, quality and harvest flexibility than Meadow Bromegrass</li> <li>• Multiple cut/grazing options</li> </ul>
25%	Blizzard Orchardgrass		
20%	Grindstad Timothy		
15%	Greenleaf Pubescent Wheatgrass		
55%	AC Knowles Hybrid Bromegrass	<ul style="list-style-type: none"> <li>• Hay and pasture use</li> </ul>	<ul style="list-style-type: none"> <li>• Improved forage quality and regrowth</li> <li>• Early cut for hay or defer for fall pasture</li> </ul>
20%	Greenleaf Pubescent Wheatgrass		
15%	VR Total Alfalfa		
10%	Barelite Tall Fescue		
80%	PV Parlour HG Alfalfa	<ul style="list-style-type: none"> <li>• Excellent forage quality</li> <li>• Orchardgrass has good summer growth</li> </ul>	<ul style="list-style-type: none"> <li>• Developed specifically for highly productive soils</li> <li>• Increased digestibility, relative feed value</li> </ul>
20%	Blizzard Orchardgrass		
90%	hps® Premium Alfalfa Blend	<ul style="list-style-type: none"> <li>• Good two-cut blend</li> <li>• Economical blend</li> </ul>	<ul style="list-style-type: none"> <li>• Adapted to the moist black and grey wooded soil zones</li> </ul>
10%	Grindstad Timothy		
60%	VR Total Alfalfa	<ul style="list-style-type: none"> <li>• Good two-cut persistent hay blend</li> <li>• Excellent for cow/calf producers</li> <li>• Traffic tolerant alfalfa</li> </ul>	<ul style="list-style-type: none"> <li>• Hybrid bromegrass offers superior regrowth and forage quality</li> <li>• Offers yield, quality and harvest flexibility</li> </ul>
30%	AC Knowles Hybrid Bromegrass		
10%	Grindstad Timothy		
60%	PV Ultima Alfalfa	<ul style="list-style-type: none"> <li>• Two-cut, persistent hay blend</li> <li>• Traffic tolerant alfalfa</li> </ul>	<ul style="list-style-type: none"> <li>• Excellent regrowth and quality</li> </ul>
40%	Fleet Meadow Bromegrass		
60%	Spredor 5 Alfalfa	<ul style="list-style-type: none"> <li>• Very persistent blend that maintains high yield</li> <li>• Spredor 5 alfalfa adds yield and quality</li> </ul>	<ul style="list-style-type: none"> <li>• Most adaptable blend</li> </ul>
40%	hps® Smooth Bromegrass		
60%	VR Total Alfalfa	<ul style="list-style-type: none"> <li>• Very durable blend</li> <li>• Good drought tolerance</li> <li>• Economical blend</li> </ul>	<ul style="list-style-type: none"> <li>• Timely moisture can allow regrowth for dormant season grazing</li> </ul>
30%	hps® Smooth Bromegrass		
10%	Kirk Crested Wheatgrass		
50%	hps® Smooth Bromegrass	<ul style="list-style-type: none"> <li>• 50% alfalfa/50% bromegrass by weight</li> <li>• Very adaptable</li> </ul>	<ul style="list-style-type: none"> <li>• Can achieve high 1 cut yield potential</li> <li>• Multiple alfalfa rooting types</li> </ul>
50%	hps® Premium Alfalfa Blend		
30%	Blizzard Orchardgrass	<ul style="list-style-type: none"> <li>• Rapid regrowth</li> <li>• High digestibility</li> <li>• Good adaptation for higher moisture areas</li> </ul>	<ul style="list-style-type: none"> <li>• Similar maturity of grass and alfalfa for harvest timing</li> <li>• High quality, multiple cut options</li> <li>• Suitable for dairy and beef operations</li> </ul>
28%	PV Ultima Alfalfa		
27%	PV Parlour Alfalfa		
15%	Grindstad Timothy		
60%	AC Saltlander Wheatgrass	<ul style="list-style-type: none"> <li>• Hay blend well suited for saline areas</li> <li>• Competes well with foxtail barley</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple cut options</li> <li>• Suitable for reclaiming saline areas</li> </ul>
40%	Halo 2 Alfalfa		



	<b>0%</b> Alfalfa blend		<b>Meadowmaster</b>	
			<b>Stockmaster*</b>	
			<b>Haymaster Grass*</b>	
	<b>5-7%</b> Alfalfa blend		<b>Beefmaster</b>	
			<b>Grazemaster*</b>	
			<b>Ranchmaster II*</b>	

\*Can be used for stockpile forage (standing fall-saved pasture or deferred grazing)



THE BLEND		FEATURES	BENEFITS
30%	Barelite Tall Fescue	<ul style="list-style-type: none"> <li>• Very suitable for imperfectly drained soils including lowlands</li> </ul>	<ul style="list-style-type: none"> <li>• Exceptionally leafy with high quality</li> </ul>
20%	hps® Meadow Fescue		
15%	Blizzard Orchardgrass		
15%	hps® Perennial Ryegrass		
10%	Grindstad Timothy		
10%	hps® Annual Ryegrass		
55%	Fleet Meadow Bromegrass	<ul style="list-style-type: none"> <li>• All grass blend for intensively managed pastures</li> <li>• Highly diverse and adaptable</li> </ul>	<ul style="list-style-type: none"> <li>• Contains grass species for more pasture and better gain</li> <li>• Ideal for stockpiling</li> </ul>
20%	Blizzard Orchardgrass		
15%	Barelite Tall Fescue		
5%	Boreal Creeping Red Fescue		
5%	Grindstad Timothy		
50%	hps® Smooth Bromegrass	<ul style="list-style-type: none"> <li>• Very suitable for imperfectly drained soils</li> </ul>	<ul style="list-style-type: none"> <li>• Good summer production with adequate moisture</li> <li>• Good blend for first cut hay and winter stockpile</li> </ul>
20%	Barelite Tall Fescue		
20%	Fleet Meadow Bromegrass		
10%	Blizzard Orchardgrass		
50%	Fleet Meadow Bromegrass	<ul style="list-style-type: none"> <li>• High-quality pasture with excellent regrowth potential</li> <li>• Enhanced with Spredor 5 alfalfa</li> </ul>	<ul style="list-style-type: none"> <li>• Grass species with high digestibility and yield</li> <li>• Best suited for areas with adequate moisture</li> </ul>
30%	Blizzard Orchardgrass		
10%	Grindstad Timothy		
5%	Boreal Creeping Red Fescue		
5%	Spredor 5 Alfalfa		
45%	Fleet Meadow Bromegrass	<ul style="list-style-type: none"> <li>• A very winter-hardy blend</li> </ul>	<ul style="list-style-type: none"> <li>• Cicer Milkvech, a non-bloat legume, resists frost heaving</li> <li>• Strong component of bromegrass for stockpile pasture</li> </ul>
15%	Greenleaf Pubescent Wheatgrass		
12%	AC Veldt Cicer Milkvech		
10%	hps® Smooth Bromegrass		
7%	Spredor 5 Alfalfa		
6%	Dahurian Wild Rye		
5%	Grindstad Timothy		
50%	Fleet Meadow Bromegrass	<ul style="list-style-type: none"> <li>• Drought tolerant, winter-hardy blend</li> <li>• Excellent spring growth with good production into early summer</li> </ul>	<ul style="list-style-type: none"> <li>• Seasonal rains can provide regrowth in the fall</li> </ul>
25%	Greenleaf Pubescent Wheatgrass		
15%	Barelite Tall Fescue		
5%	Revenue Slender Wheatgrass		
5%	Spredor 5 Alfalfa		

Seed percentages (%) are expressed based on the seed weight in the blend, not the percentage (%) component in the forage stand. Nutrien Ag Solutions\* reserves the right to substitute any Master Blend component. Products and proportions of Master Blends are subject to availability and may change without notice. All products listed are trademarks of their respective companies.





**15%**  
**Alfalfa blend**

**Special Use**

**Dualmaster**  
DUAL USE

**Equimaster II**

**Salinemaster**

**Floodmaster**

**Legumaster**

\*Can be used for stockpiled forage (standing fall-saved pasture or deferred grazing)

### Forage production tips

A productive forage crop requires careful planning. Consider the following preparation, seeding, in-crop and harvesting factors to increase the success of stand establishment and longevity.

#### Preparation

**Soil:** Identify the soil type and consider the impact of soil factors like flooding, drainage, pH, texture and salinity that may affect establishment, productivity or species/variety selection.

**Weeds:** Control winter annual, biennial and perennial weeds like Canada thistle, quackgrass, white cockle and scentless chamomile in the two years prior to planting a forage crop. Pre-harvest glyphosate applications are useful.

**Previous crop:** Excess trash can cause challenges with forage establishment. Consider this in the fall prior to a spring planting.

**Herbicide residues:** Ensure no residual herbicides have been applied prior to planting a forage crop.



THE BLEND		FEATURES	BENEFITS
55%	AC Knowles Hybrid Bromegrass	<ul style="list-style-type: none"> <li>• Hay and pasture use</li> </ul>	<ul style="list-style-type: none"> <li>• Improved forage quality, regrowth and stay-green potential</li> <li>• Cut early for hay and/or defer for fall pasture</li> </ul>
20%	Greenleaf Pubescent Wheatgrass		
15%	VR Total Alfalfa		
10%	Barelite Tall Fescue		
35%	Ginger Kentucky Bluegrass	<ul style="list-style-type: none"> <li>• Tough, sod-forming mixture with good pasture production in areas with good rainfall or irrigation</li> <li>• Best performance on loam and clay-loam soils</li> <li>• Suitable for imperfectly drained soils</li> </ul>	<ul style="list-style-type: none"> <li>• Ideal for smaller acreages, alley ways and training areas</li> <li>• Grass species provide thick, dense sod</li> </ul>
30%	hps <sup>®</sup> Smooth Bromegrass		
15%	Blizzard Orchardgrass		
15%	Grindstad Timothy		
5%	Spredor 5 Alfalfa		
40%	AC Saltlander Green Wheatgrass	<ul style="list-style-type: none"> <li>• Best blend for saline soils</li> <li>• AC Saltlander performs well compared with tall wheatgrass for salt tolerance, but has improved forage quality</li> </ul>	<ul style="list-style-type: none"> <li>• Suitable for hay production or pasture</li> <li>• Blend competes well with foxtail barley</li> <li>• Recommended for fall dormant planting</li> </ul>
30%	Barelite Tall Fescue		
20%	hps <sup>®</sup> Smooth Bromegrass		
10%	Revenue Slender Wheatgrass		
40%	Barelite Tall Fescue	<ul style="list-style-type: none"> <li>• Our original flood-tolerant mixture</li> <li>• Good dual purpose option for hay or grazing</li> <li>• Alsike Clover should not be fed to horses</li> </ul>	
30%	hps <sup>®</sup> Reed Canarygrass		
20%	Grindstad Timothy		
10%	hps <sup>®</sup> Alsike Clover		
55%	AAC Mountainview Sainfoin	<ul style="list-style-type: none"> <li>• An all-legume blend designed to rejuvenate tired pastures</li> <li>• The nitrogen fixing qualities of these legumes help to improve forage yield and quality</li> </ul>	<ul style="list-style-type: none"> <li>• Cicer Milkvetch and Sainfoin are both non-bloat legumes</li> <li>• Great self seeding potential</li> </ul>
25%	AC Veldt Cicer Milkvetch		
20%	Spredor 5 Alfalfa		

Seed percentages (%) are expressed based on the seed weight in the blend, not the percentage (%) component in the forage stand. Nutrien Ag Solutions\* reserves the right to substitute any Master Blend component. Products and proportions of Master Blends are subject to availability and may change without notice. All products listed are trademarks of their respective companies.

**End use:** Is the forage crop intended for pasture, hay or both? What is the intended season of use of the forage?

**Livestock:** Is the forage crop intended for dairy, beef, horses or other livestock?

**Fertility:** Productive forage stands have high nutrient demands. In hay crops, much of the nutrients the crop takes up are removed from the field as the hay is hauled off. Consider soil test levels, yield projections, forage mix makeup and timing of application when developing a fertility plan. Soil tests are good indicators of macro and micronutrient levels and the need to apply supplemental fertilizer.



	<p><b>0%</b> <b>Alfalfa blend</b></p>	<p><b>Plainsmaster*</b></p>	
		<p><b>Haymaster Grass*</b></p>	
		<p><b>Rangemaster</b></p>	
	<p><b>5%</b> <b>Alfalfa blend</b></p>	<p><b>Seasonmaster*</b></p>	
		<p><b>Ranchmaster II*</b></p>	

\*Can be used for stockpiled forage (standing fall-saved pasture or deferred grazing)

Consider the following timing options when preparing to plant forages:

**Early Spring:** Excellent moisture and cool temperatures are good for establishment. There is limited opportunity for pre-seeding weed control and frost can be a hazard.

**Late Spring - Early Summer:** Moisture conditions may still be good and temperatures warmer. This timing allows for pre-seed weed control.

**Fall dormant seeding:** Seeds germinate the following spring when moisture is good and temperatures are cool. Frost damage may occur in spring.

Fall dormant seeding is not recommended for legumes including alfalfa. Recommended planting time when soil temperature is consistently 2 degrees Celsius or lower.

**Depth:** Forage seed is generally small and therefore has little food reserves to support emergence. Forages should be seeded no deeper than one-half inch to three-quarter inches deep into a firm seedbed. A firm seedbed is necessary for good seed to soil contact. Broadcasted seed should be incorporated shallowly and packed accordingly.



THE BLEND		FEATURES	BENEFITS
20%	AC Knowles Hybrid Bromegrass	<ul style="list-style-type: none"> <li>• Bromegrasses and wheatgrasses provide early vigour in spring</li> <li>• Contains native forage species</li> </ul>	<ul style="list-style-type: none"> <li>• Can do double duty as grass hay, if cut before the end of June</li> <li>• High proportion of non-bloat legumes for improved forage quality and nitrogen fixation</li> </ul>
20%	hps® Sainfoin		
15%	AC Veldt Cicer Milkvetch		
10%	hps® Smooth Bromegrass		
10%	Greenleaf Pubescent Wheatgrass		
10%	Barelite Tall Fescue		
5%	hps® Intermediate Wheatgrass		
5%	hps® Western Wheatgrass	<ul style="list-style-type: none"> <li>• Very suitable for imperfectly drained soils</li> </ul>	<ul style="list-style-type: none"> <li>• Good summer production with adequate moisture</li> <li>• Good blend for first cut hay and winter stockpile</li> </ul>
5%	Revenue Slender Wheatgrass		
50%	hps® Smooth Bromegrass		
20%	Barelite Tall Fescue		
20%	Fleet Meadow Bromegrass		
10%	Blizzard Orchardgrass	<ul style="list-style-type: none"> <li>• Dual purpose as single cut grass hay or spring pasture</li> <li>• Add alfalfa at seeding to improve productivity</li> </ul>	<ul style="list-style-type: none"> <li>• Wheatgrasses enhance drought tolerance and early growth</li> </ul>
45%	hps® Smooth Bromegrass		
20%	Kirk Crested Wheatgrass		
20%	Greenleaf Pubescent Wheatgrass		
10%	Barelite Tall Fescue		
5%	Revenue Slender Wheatgrass	<ul style="list-style-type: none"> <li>• Extends grazing season</li> <li>• Effective for stockpiled pastures</li> <li>• Contains native forage species</li> </ul>	<ul style="list-style-type: none"> <li>• Very adaptable, persistent, winter-hardy blend</li> <li>• Contains both bunch and sod-forming species</li> </ul>
39%	Fleet Meadow Bromegrass		
18%	hps® Green Needlegrass		
16%	hps® Western Wheatgrass		
11%	Barelite Tall Fescue		
6%	Revenue Slender Wheatgrass		
5%	Spredor 5 Alfalfa		
5%	hps® Northern Wheatgrass	<ul style="list-style-type: none"> <li>• Drought tolerant, winter-hardy blend</li> <li>• Excellent spring growth with good production into early summer</li> </ul>	<ul style="list-style-type: none"> <li>• Seasonal rains can provide regrowth in the fall</li> </ul>
50%	Fleet Meadow Bromegrass		
25%	Greenleaf Pubescent Wheatgrass		
15%	Barelite Tall Fescue		
5%	Revenue Slender Wheatgrass		
5%	Spredor 5 Alfalfa		

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**Seed Rates**

**Alfalfa and Master Blends:** Target for 10 lbs/ac in direct seeded situations and 15 lbs/ac if the forage seed is broadcasted and incorporated.

**Individual grass species:** Consult your local Nutrien Ag Solutions® representative.

**In-Crop Weed Control:** Herbicide options are limited in forages, particularly in mixes. Refer to herbicide labels for safe use and consult with your Nutrien Ag Solutions representative on herbicides for weed control in seedling and established forages.

**Harvest:** Apply management principles based on production goals. Decisions will vary based on livestock type and number, grazing method and intensity, cutting frequency and method, plant and animal production potential, and forage quality and quantity required.





**15%**  
Alfalfa blend

**Dualmaster**  
DUAL USE

**Special Use**

**Equimaster Dry**

**Salinemaster**

**Saltmaster**

**Legumaster**

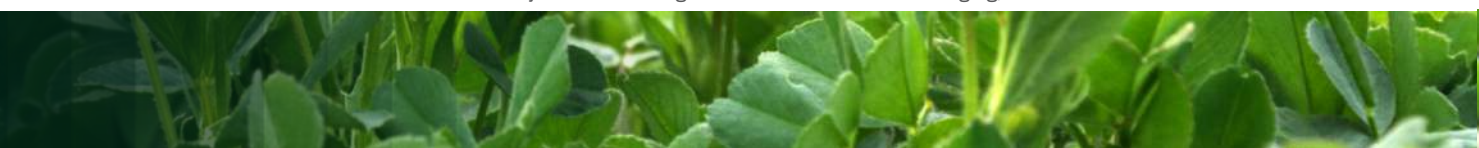
\*Can be used for stockpiled forage (standing fall-saved pasture or deferred grazing)



It's never an easy decision to rotate into perennial forages, especially on acres that have trouble supporting annual crops. Start by selecting forages species that have the ability to germinate and survive in saline soils.

**Spring Planting Tips**

- Seed early if possible - March/April, into top 1/2 inch soil depth.
- Another option is frost seeding early spring, by broadcast seeding on frozen ground and harrowing to smooth out soil, increasing soil to seed contact.
- Soil crusting is a concern when soils dry up quickly, adding a light cover crop such as barley will add yield and ground cover to help protect small forage plants and assist emerging seedlings.
- Early season seeding on saline soils can be challenging; saline soils tend to collect above and



THE BLEND		FEATURES	BENEFITS
55%	AC Knowles Hybrid Bromegrass	<ul style="list-style-type: none"> <li>• Hay and pasture use</li> </ul>	<ul style="list-style-type: none"> <li>• Improved forage quality, regrowth and stay-green potential</li> <li>• Cut early for hay and/or defer for fall pasture</li> </ul>
20%	Greenleaf Pubescent Wheatgrass		
15%	VR Total Alfalfa		
10%	Barelite Tall Fescue		
55%	Fleet Meadow Bromegrass	<ul style="list-style-type: none"> <li>• Durable pasture for horses, calving or high-density stock</li> <li>• Contains native forage species</li> </ul>	<ul style="list-style-type: none"> <li>• Sod-forming wheatgrass improves ground cover and reduces weeds</li> </ul>
25%	Greenleaf Pubescent Wheatgrass		
15%	hps® Western Wheatgrass		
5%	Revenue Slender Wheatgrass		
40%	AC Saltlander Green Wheatgrass	<ul style="list-style-type: none"> <li>• Best blend for saline soils</li> <li>• AC Saltlander performs well compared with tall wheatgrass for salt tolerance, but has improved forage quality</li> </ul>	<ul style="list-style-type: none"> <li>• Suitable for hay production or pasture</li> <li>• Blend competes well with foxtail barley</li> <li>• Recommended for fall dormant planting</li> </ul>
30%	Barelite Tall Fescue		
20%	hps® Smooth Bromegrass		
10%	Revenue Slender Wheatgrass		
45%	hps® Tall Wheatgrass	<ul style="list-style-type: none"> <li>• Economic hay/pasture blend for light to moderate saline soils</li> </ul>	<ul style="list-style-type: none"> <li>• Good early season growth</li> <li>• Harvest early to maintain quality</li> </ul>
15%	Barelite Tall Fescue		
15%	hps® Smooth Bromegrass		
15%	Halo 2 Alfalfa		
10%	Revenue Slender Wheatgrass		
55%	AAC Mountainview Sainfoin	<ul style="list-style-type: none"> <li>• An all-legume blend designed to rejuvenate tired pastures</li> <li>• The nitrogen fixing qualities of these legumes help to improve forage yield and quality</li> </ul>	<ul style="list-style-type: none"> <li>• Cicer Milkvetch and Sainfoin are both non-bloat legumes</li> <li>• Great self seeding potential</li> </ul>
25%	AC Veldt Cicer Milkvetch		
20%	Spredor 5 Alfalfa		







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below ground moisture early in the spring.

### Fall Dormant Seeding

- Traditionally, it's recommended to plant perennial forages in the spring.
- When managing forage establishments in saline soils, spring moisture can inhibit early seeding due to below ground moisture or standing water in these saline areas.
- Fall application in saline areas is beneficial because those areas are drier in the fall, meaning there will be time to manage the area for weed control at seeding.
- Fall seeding allows utilization of spring moisture.



VARIETY	TRAITS	CHU	SILAGE SELECT	DESCRIPTION
PV 60371RIB	VT2P	2025		Very good emergence and early vigour. High test weight and very good standability. Good harvest appearance with short husk to aid in drydown. Plant at medium plant populations.
PV 60273RIB	VT2P	2075		Strong emergence and seedling vigour. Very early to flower with very good stalks. Very good test weight. Plant at medium to medium-high plant populations.
PV 60474RIB	VT2P	2075		Tremendous yield potential with strong test weight. Excellent emergence and early vigour. Very good Goss's wilt tolerance. Good heat and drought stress tolerance. Plant at medium-high plant populations.
PV 61276RIB	VT2P	2175		Tremendous yield and yield stability. Early to flower. Strong test weight. Excellent Goss's wilt and northern corn leaf blight scores. Dual-purpose hybrid.
PV 61180RIB	VT2P	2275		Good looking hybrid with excellent yield. Very good roots and stalks. Good stress tolerance. Dries down fast while keeping nice plant intactness and appearance at harvest. Plant at medium to medium high plant populations.
<b>PV 61677SRIB</b> <small>NEW</small>	VT2P	2200		Strength of PV 61177SRR performance with added protection. Tremendous silage quality and digestibility. Improved yield. Strong stalks and roots with outstanding staygreen.
<b>PV 61578SRR</b> <small>NEW</small>	RR	2225		High-yielding, high quality silage specific hybrid. Excellent staygreen and eye appeal - big tall plant. White cob with excellent silage quality and slow drydown.
PV 62683SRR	RR	2475		High yielding silage specific hybrid with outstanding vigour. Excellent emergence and early vigour. White cob with excellent silage quality. Tall hybrid with tremendous eye appeal. Best at moderate populations.
<b>PV 62683SRIB</b> <small>NEW</small>	VT2P	2475		High yielding silage specific hybrid with outstanding vigour and VT DoublePRO® RIB® Complete Protection. Excellent emergence and early vigour. White cob with excellent silage quality. Tall hybrid with tremendous eye appeal. Best at moderate populations.

### What is Silage Select™?

Silage Select corn hybrids are high yielding, high quality and highly digestible corn silage hybrids evaluated and selected by Nutrien Ag Solutions®. These silage hybrids are rated for each component, and only the highest cumulative scores obtain the Silage Select designation.

**Yield:** Net tonnes of silage converted to 35% dry matter

**Starch Content:** A measure of energy contained in forage

**Starch Digestibility:** Percentage of starch used by the animal

**Fiber Digestibility:** A low NDF and high digestibility is desirable

**Milk (Beef) per Tonne:** Predictor of milk (beef) production per tonne of dry matter



DEKALB® offers a superior line up of grain and silage corn hybrids that are bred and widely tested under local growing conditions to meet the needs of western Canadian farmers. Based on data generated from annual planting of thousands of Western Canada pre-commercial breeder test plots, DEKALB corn hybrids are selected with a focus on maturity, yield, test weight and a broad range of quality characteristics.



VARIETY	SILAGE/ GRAIN	HEAT UNITS	TRAITS	DESCRIPTION
DKC21-36RIB	Grain, Silage	2075	VT2P	Fixed ear that can be planted at high populations for full yield potential. Very good drought tolerance. Excellent staygreen and late-season plant health. High starch content and high fiber digestibility. Very good ratio between yield and Milk per Tonne test results.
DKC072-12RIB	Grain, Silage	2075	VT2P	Excellent emergence and seedling vigour supports an early planting date. Excellent silage yield and silage quality potential. Slower whole plant drydown supports a wide silage harvest window.
DKC24-06RIB	Grain, Silage	2100	VT2P	Fixed ear that can be planted at high populations for full yield potential. Very good drought tolerance. Medium-tall hybrid. Very good starch content and excellent fiber digestibility. Very good ratio between yield and Milk per Tonne test results.
DKC26-40RIB	Grain, Silage	2150	VT2P	Semi-fixed ear that can be planted at high populations for full yield potential. Excellent agronomic characteristics and seedling vigour. Excellent drought tolerance. High tonnage potential for its maturity and excellent safety profile to help manage early frost. Very good ratio between yield and Milk per Tonne test results.
DKC31-85RIB	Grain, Silage	2425	VT2P	A hybrid with semi-fixed ears that will perform at both higher and lower populations. Medium-tall and impressive silage hybrid suitable for areas of 2125 CHU and above. Excellent staygreen. Matures more slowly and offers a wide harvest window. High silage yield potential and high fibre digestibility.
<b>DKC081-18RIB</b> <small>NEW</small>	Grain, Silage	2450	VT2P	Tall and impressive silage hybrid suitable for areas of 2150 CHU and above. Excellent staygreen. Excellent fiber digestibility. Excellent silage yield and silage quality test results.
DKC33-37RIB	Grain, Silage	2500	VT2P	Excellent silage yield potential and fibre digestibility. Great feed value. Strong drought tolerance for consistent performance. Very good root and stalk strength for great standability. Strong plant health with very good staygreen.
DKC36-48RIB	Grain, Silage	2600	VT2P	Semi-flex ear. Above average drought tolerance. Strong root strength supports this taller hybrid. Excellent nutritional quality and fiber digestibility. Strong silage yield potential. Very good starch content.
DKC088-04RIB	Grain, Silage	2675	TRE	Tall plant height with excellent tonnage potential. Excellent vigour and emergence make this a good fit for early planting. Well balanced for silage yield and nutritional attributes. Excellent drought tolerance. Strong performance observed on multiple soil types.

VT2P= **VtDoublePRO** 100% COMPLETE TRE= **Trecepta** 100% COMPLETE



## What is silage ready?

DEKALB Silage Ready™ hybrids are determined by:

1. Evaluating experimental and commercial corn silage hybrids every year
2. Taking a silage sample of each hybrid and testing for key information, with a focus on Milk or Meat per Acre for maximum return to your farm
3. Predicting milk and meat production potential using tools such as MILK2006 from the University of Wisconsin
4. After extensive local testing against market-leading silage checks, select DEKALB products are designated Silage Ready.

## GRAIN, GREENFEED OR SILAGE

### Fall Rye

- Excellent winter hardiness
- Large kernels
- Good lodging resistance
- Great for late fall and early spring grazing
- Available in 454 kg totes

### CDC Haymaker Oats

- 7% higher forage yield than CDC Baler
- Good forage quality with improved digestibility
- Tall stature with late maturity
- Large plump seed
- Available in 454 kg totes

	DM YIELD (KG/HA)	DM YIELD AS % CDC BALER	DM%	FORAGE SCORE (1-9)	NDF %	ADF %	PROTEIN %
<b>CDC Baler</b>	6950	100	31	7.6	55.2	33.5	7.6
<b>CDC Haymaker</b>	7495	107.8	31.9	7.2	54.9	33.5	7.8

Source: SeCan



**COMING SOON!**  
CDC Bandit Awnless Forage Wheat

### Top barley silage varieties



VARIETY	YIELD (%)	YIELD (T/AC)	TOTAL DIGESTIBLE NUTRIENT (%)	CRUDE PROTEIN (%)
<b>Check (Austenson)</b>	100	10.4	61	10.2
<b>Altorado</b>	103	10.7	63	10.5
<b>Claymore</b>	100	10.4	62	9.8

Source: 2021/2022 Regional Silage Variety Trials

## COWBOYMASTER

Blend components:

68%	Oats	3%	hps® Berseem Clover
6%	hps® Radish	3%	Meroa Italian Ryegrass
3%	hps® Turnip	3%	hps® Sunflower
3%	hps® Sorghum	2%	Forage Peas
4%	hps® Hairy Vetch	1%	hps® Kale
3%	hps® Crimson Clover	1%	hps® Chicory

Cover crop included in Cowboymaster.

### GRASS PLANT BENEFITS

- Create biomass
- Fibrous roots
- Accumulate nutrients from soils
- Used for silage/greenfeed
- Extend the grazing season with swath grazing/late season grazing

### BROADLEAF PLANT BENEFITS

- Free up nutrients for other crops
- Fibrous and tap roots can help alleviate soil compaction

### LEGUME PLANT BENEFITS

- Fix nitrogen and help build soil nitrogen levels
- Improve soil tilth and increase organic matter
- Drive mycorrhizal colonization

## ANNUALMASTER

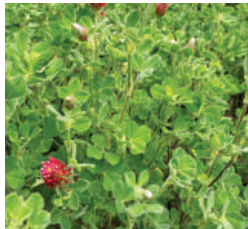
Blend components:

30%	hps® Hairy Vetch
25%	hps® Crimson Clover
25%	hps® Tillage Radish
20%	hps® Turnips

## Cereals

Cereals can be added at 1 - 1.5 bushels per acre, in combination with annual forage's best use - silage, swath grazing or late fall grazing regrowth.

	COOL SEASON		WARM SEASON
	Annual	Perennial	
<b>Grass Plants</b>	<ul style="list-style-type: none"> <li>• Barley</li> <li>• Fall Rye</li> <li>• Oats</li> <li>• Annual &amp; Italian Ryegrass</li> <li>• Spring &amp; Winter Triticale</li> <li>• Winter Wheat</li> </ul>		<ul style="list-style-type: none"> <li>• Corn</li> <li>• Millet</li> <li>• Teff</li> <li>• Sorghum</li> <li>• Sudangrass</li> </ul>
<b>Broadleaf Plants</b>	<ul style="list-style-type: none"> <li>• Sunflower</li> <li>• Buckwheat</li> <li>• Chicory</li> <li>• Plantain</li> <li>• Kale</li> <li>• Turnip</li> <li>• Forage Rapeseed</li> </ul>		<ul style="list-style-type: none"> <li>• Tillage Radish</li> <li>• Sugar Beet</li> <li>• Phacelia</li> </ul>
<b>Legume Plants</b>	<ul style="list-style-type: none"> <li>• Berseem Clover</li> <li>• Balansa Clover</li> <li>• Hairy Vetch</li> <li>• Peas</li> </ul>	<ul style="list-style-type: none"> <li>• Red Clover</li> <li>• Yellow Blossom Sweet Clover</li> <li>• White Clover</li> <li>• Sainfoin</li> <li>• Alfalfa</li> <li>• Cicer Milkvetch</li> </ul>	<ul style="list-style-type: none"> <li>• Chickpeas</li> <li>• Cow Peas</li> <li>• Soybeans</li> <li>• Lentils</li> </ul>



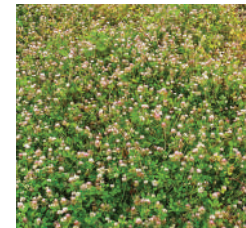
Crimson Clover



Turnip



Millet



Balansa Clover



Sorghum

## Northland Downs

Blend highlights:

- Premium front lawn blend
- High percentage Kentucky Bluegrass
- Fast establishing
- Rich, thick lawn with dark colour
- Premium blend

## Boulevard Mix

Blend highlights:

- Treed areas and boulevards
- Low maintenance
- Moderate watering
- Fine texture

## Sunrise Estates

Blend highlights:

- Exceptional acreage blend
- Economical
- Basic lawn or playground
- Moderate watering
- Medium texture

## Playground Blend

Blend highlights:

- Playground and roadsides
- Durable
- Low maintenance
- Heat tolerant

## 3 Way Kentucky Grass Blend

Blend highlights:

- Early, medium and late maturing Kentucky Bluegrass for season-long green grass

Lawn blends are available in 22.7 kg bags and 10 kg bags. All Proven Seed lawn blends conform to the same rigid purity standards that apply to all Proven Seed forages – less than 10 weed seeds per 25g.

### RECOMMENDED BROADCAST SEEDING RATES

**Lawn:** 2.2 lbs. per 1000 ft.<sup>2</sup> or 100 lbs. per acre  
(2 x 22.7 kg bags)

**Ground cover:** 1.13 lbs. per 1000 ft.<sup>2</sup> or 50 lbs. per acre (1 x 22.7 kg)



# Haymaster Dry



"Haymaster Dry was planted in 2022 with an oat cover crop on 35-40 acres. In 2023, we were able to get two bales per acre during the dry year - which is good considering the dry conditions. In 2024, we received spring moisture, and it just took off, was amazing! We got five bales per acre.

I like the brome grass in the blend, it gives you volume and it's still palatable, dries down and puts up well. Feeding it to cows now and they are eating it up. Usually, we do straight alfalfa for hay but now I like the flexibility of the mix."

– Tyson McKenzie  
Delisle, SK

# Altorado



"We mainly grow timothy and alfalfa for forage. Recently, we have added some cereals into the rotation to be taken off as silage. This was mainly to get a little better control on certain weeds. We decided to try Altorado barley because of its high yield potential and good standability - two of our biggest factors with irrigation.

Altorado yielded way above expectation at 17.5 ST/ac, 90 days after seeding. The seed also stood very well especially considering the massive crop that it was. We will definitely be seeding Altorado barley next year."

– Mike Dekok  
Dekok Forages

# We've got you covered.

Ducks Unlimited Canada's forage programs are the real deal. Whether you're looking at large-scale conversion or a way to manage salinity in your field, forage benefits your bottom line.

Proudly supported by Nutrien Ag Solutions, producers can take advantage of incentives to convert cultivated cropland to perennial cover, enhance pollinator habitat or take marginal areas out of production through our Marginal Areas Program.

***Interested? Start the conversation with one of our forage specialists.***

## ALBERTA

### *Forage Programs:*

1-866-479-3825  
du\_edmonton@ducks.ca

## SASKATCHEWAN

### *Forage Programs:*

1-866-252-3825  
du\_regina@ducks.ca

## MANITOBA

### *Forage Programs:*

204-285-9779  
du\_brandon@ducks.ca



Ducks Unlimited  
Canada

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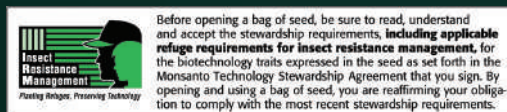
[NutrienAgSolutions.ca](https://NutrienAgSolutions.ca)

As the retail division of Nutrien™ Ltd., Nutrien Ag Solutions® combines global innovation with local expertise to provide full farm solutions through a network of trusted Crop Consultants at retail locations around the world.

Nutrien Ag Solutions is the leading provider of agricultural products and services for Western Canada. We are dedicated to helping growers achieve maximum success in the field. We do this by providing growers with the latest technologies, products and services and by leveraging our extensive experience and unparalleled relationships with suppliers. With over 200 retail locations in communities across Western Canada, we are working to redefine agricultural retail.

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

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