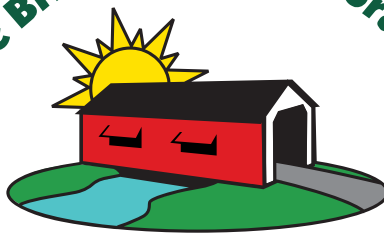


The Bridge to Better Forages



Byron Seeds

Fertile Fields. Higher Yields. Plan On It.

 **Prairie Creek Seed**

Introducing
Products from
Prairie Creek
Seed

ALFALFA

PILLAR PLUS

- › High-yielding, extremely persistent alfalfa with aggressive recovery
- › Ideal for a 4-5 cutting system
- › Forage quality, winter hardiness and strong disease package make it the ideal alfalfa where a long-term stand is needed

PRAIRIE THUNDER BR

- › For operations with heavier soils and disease pressure
- › Branched root type yields higher than taproot varieties in heavy soils and protecting plants against heaving
- › Highly disease resistant including all Aphanomyces races (1-3)
- › Fine stem and forage quality that is competitive with low lignin varieties

USAGE REFERENCE CHART

Agronomic Characteristics

	Fall dormancy	Winter survival	Forage yield	Forage quality	Early seeding growth	Early spring growth	Recovery	Traffic tolerance	Root type	Crown depth
PILLAR PLUS	4.8	1	5	5	5	5	5	4.5	Tap	Ave
PRAIRIE THUNDER BR	4.5	1.9	5	5	5	5	4.5	4.5	Branch	Deep

Disease Resistance

	Phytophthora root rot	Bacterial wilt	Verticillium wilt	Fusarium wilt	Anthracnose	Aphanomyces Race 1	Aphanomyces Race 2	Aphanomyces Race 3	Disease rating index
PILLAR PLUS	HR	HR	HR	HR	HR	HR	MR	NA	34/35
PRAIRIE THUNDER BR	HR	HR	HR	HR	HR	HR	HR	R	35/35

SCALE 1-5 (1 = POOR, 5 = EXCELLENT)

NA = NOT AVAILABLE | MR = MODERATE RESISTANCE | R = RESISTANT | HR = HIGHLY RESISTANT | S = SUSCEPTIBLE

LEGUMES

DIVERSIFIER LEGUME BLEND

Red Clover - White Clover - Alfalfa - Crimson Clover
Alsike Clover - Birdsfoot Trefoil

- › Diversifier is a blend of legume species for adding diversity to a pasture
- › The diversity of the blend benefits soil biology and improves the forage quality of pastures
- › Diversifier can be added into an existing stand or added to a new stand along with grasses and forbs

USAGE REFERENCE CHART

		Seeding Rates			Seeding Depth	Characteristics	
		New Stand*	Drilled**	Frost Seed**	Into a Firm, Clod-Free Seed Bed	Yield	Forage Quality
DIVERSIFIER	LEGUME BLEND	4-6#	5-8#	6-12#	One-Quarter Inch	High	High
PRAIRIE FIRE	RED CLOVER	15-20#	8-10#	10-12#	One-Quarter Inch	High	High

*WITH 15-18# GRASS BLEND **INTO GRASS

PRAIRIE FIRE RED CLOVER

- › Prairie Fire is a persistent, high yielding, double cut red clover
- › Quality similar to or better than alfalfa including increased NDFD and bypass protein
- › Prairie Fire has exhibited excellent winter hardiness and would compliment alfalfa as a companion legume in a hay stand or can be planted with grasses

GRASS: STOCK BLENDS

NEW! DIVERSEMASTER PLUS GRAZING/ BALEAGE

Soft Leaf Tall Fescue - Meadow Brome - Meadow Fescue - Perennial Ryegrass - Festulolium - Timothy - Alfalfa
Red Clover - Alsike Clover - Ladino Clover - Birdsfoot Trefoil - Chicory - Plantain

Key Features

- › We replaced orchardgrass with more soft leaf tall fescue and meadow brome and added forbs to the blend
- › This diverse blend will enhance forage quality
- › Well suited to all classes of livestock

Seeding Information

- › Rate for new seeding = 20-30 lbs per acre
- › Into existing stand = 10-15 lbs per acre
- › Seeding depth = ¼ inch into firm, clod-free seedbed, ½ inch seeding depth when no-till drilling
- › Varying seed sizes make broadcasting seed followed by rolling a good option

Management Keys

- › Needs a long rest and recovery period to assist in persistence of diversity
- › 40+ days for stand to recover in between grazing is recommended

DIVERSEMASTER GRAZING/BALEAGE

Soft Leaf Tall Fescue - Meadow Fescue - Italian Ryegrass - Perennial Ryegrass - Meadow Brome - Timothy - Festulolium - Orchardgrass
Red Clover - Alfalfa - Birdsfoot Trefoil - Alsike Clover - White Clover

Key Features

- › Extensive blend designed for producers who want, and can manage, a biodiverse pasture stand
- › Diversity provides extremely high forage quality
- › Well-suited for grass-finished beef or grass-based dairies

Seeding Information

- › Rate for new seeding = 20-30 lbs per acre
- › Into existing stand = 10-15 lbs per acre
- › Seeding depth = ¼ inch into firm, clod-free seedbed, ½ inch seeding depth when no-till drilling

- › Varying seed sizes make broadcasting seed followed by rolling a good option

Management Keys

- › Needs a long rest and recovery period to assist in persistence of diversity
- › 40+ days for stand to recover in between grazing is recommended



GRASS: STOCK BLENDS

CONTINUED

HAYMASTER DRY HAY/SILAGE/BALEAGE

Soft Leaf Tall Fescue - Orchardgrass - Timothy

Key Features

- › Blend of high-quality grass species that will dry down in order to make dry hay
- › Grass maturities line up well with alfalfa harvest when combined in a stand
- › Produces quality forage while maximizing tonnage
- › Well-suited for those who want to market dry hay for high RFQ (relative feed quality) and superior visual appearance
- › Companion to alfalfa = 3-5 lbs per acre with 16-20 lbs of alfalfa per acre
- › Use large seed box on drill when seeding with alfalfa
- › Seeding depth = ¼ inch seeding depth into firm, clod-free seedbed, ½ inch seeding depth when no-till drilling

Seeding Information

- › Rate for new seeding = 15-20 lbs per acre
- › Into existing stand = 10-15 lbs per acre

Management Keys

- › Allow grasses to fully recover after cutting before the next harvest

RENOVATOR GRAZING

Soft Leaf Tall Fescue - Meadow Fescue - Perennial Ryegrass - Orchardgrass - Timothy - Italian Ryegrass - Festulolium

Key Features

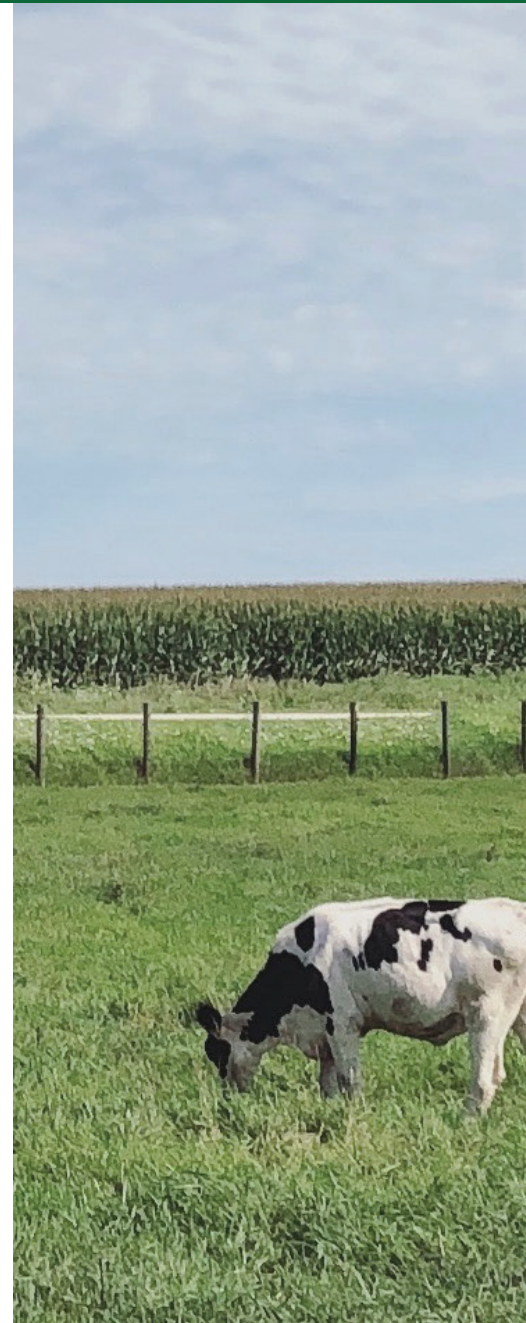
- › Multi-species blend designed for new seedings or adding diversity to existing pastures
- › Supports high forage yield and quality across varying soil types and throughout the seasons
- › Recommended with Diversifier to increase forage quality and yield

Seeding Information

- › Rate for new seeding = 20-30 lbs per acre, 15-18 lbs per acre with 4-6 lbs per acre of Diversifier
- › Into existing stand = 10-15 lbs per acre
- › Seeding Depth = ¼ inch into firm, clod-free seedbed, ½ inch seeding depth when no-till drilling

Management Keys

- › When grazing, allow a 20-30 day rest period for species to fully recover
- › Stand will respond well to longer recovery time where possible



USAGE REFERENCE CHART

	Dry hay	Baleage/silage	Compatible with alfalfa	Extending alfalfa stand	Persistence	Forage quality	High-fertility ground	Low-fertility ground
DIVERSEMASTER PLUS	2	5	3	3	5	5	5	4
DIVERSEMASTER	3	5	1	3	4	5	5	3
HAYMASTER	5	4	5	3	5	4	5	5
RENOVATOR	3	5	3	3	5	4	5	5

SCALE 1-5 (1 = POOR, 5 = EXCELLENT)

	Shallow soil	Deep soil	Wet soil	Dry soil	Inter-seeding into pasture	Response to rotational grazing	Response to set stocking	Meat/milk production
DIVERSEMASTER PLUS	4	5	5	4	4	5	2	5
DIVERSEMASTER	5	5	4	5	4	5	2	5
HAYMASTER	4	5	3	5	4	4	4	4
RENOVATOR	4	5	5	5	3	5	4	5

SCALE 1-5 (1 = POOR, 5 = EXCELLENT)



FULL FLOURY LEAFY SILAGE CORN

Byron Seeds is offering the full floury leafy hybrids formerly carried by Prairie Creek Seeds. These hybrids fit the KingFisher quality standards. The value in these leafy genetics is mostly from the floury starch. These hybrids are high yielding, but their fiber digestibility is typically slightly lower than our regular KingFisher hybrids. Full floury leafy hybrids perform best at 28-30K populations. Below is a table designating the KF nomenclature that we'll be using for each Prairie Creek hybrid.

KingFisher Hybrid	Maturity	Former Prairie Creek Hybrid
KF 42L20	92 day	PCS 9261
KF 49L90	99 day	PCS 9961
KF 52L20	102 day	PCS 0261
KF 55L50	105 day	PCS 0561
KF 58L80	108 day	PCS 0861