

Curlex Blankets



Curlex Blankets		
8' X 90'	Natural	RR75110

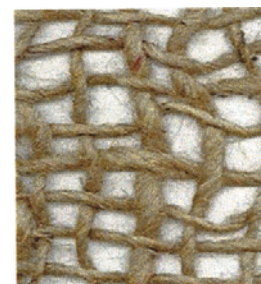
Designed to control erosion in areas of high-velocity water runoff, the *Excelsior Curlex Blanket* is a mat of curled wood excelsior, with a consistent thickness and its fibre evenly distributed over the entire area of the blanket. Each side is covered with an extra heavy-duty extruded plastic mesh netting designed to last for years and reinforce the root system after the excelsior has decomposed. These blankets are smolder-resistant and have no chemical additives. Roll size is 8' X 90'.

Bulk Burlap

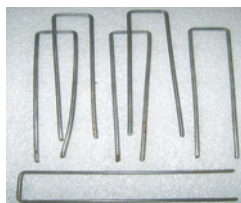


Plain bulk Burlap is sold in 5-foot wide bolts in a length of approximately 110 yards. Ideal for covering over-seeding on heavy use areas. **CT61120**

Bulk Burlap is also excellent for using as liners for tree baskets and decorative wire baskets. Cut to the size you require. See tree baskets on Page 61 and Decorative Wire Baskets on Page 30



A major ally in landscape restoration, *Jute Soil Saver* is a fully biodegradable mesh used on slopes and in waterways. It helps to anchor seed and soil in place until the vegetation gets established, and helps to prevent water and wind erosion. Available in rolls 4' X 225'. **RR75170**

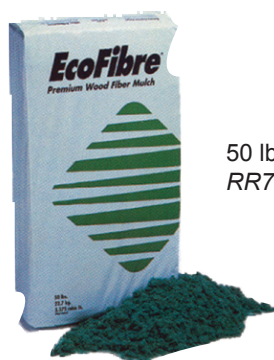


Landscape Staples

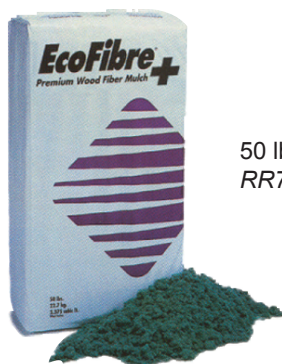
6" Metal Staples
RR75191

HYDROSEEDING SUPPLIES

EcoFibre® wood mulch improves the effectiveness of hydroseeding, while using 20%-30% less product than cellulose mulches. *EcoFibre*® has the longest wood fibres available with no clumping or crusting, a superior matting ability, more moisture holding capacity and the best soil bond. It's easy to mix, gives great performance with tanks or hoses, has a non-toxic green colouring for easy metering and is insured against vegetation failure and callbacks. *EcoFibre+Tac*® has the added advantage of an organic guar gum tackifier to help bond the mulch to the soil – all in one pre-blended package which disperses quickly in water.



50 lb. Bag
RR72115



50 lbs. Bag
RR72118



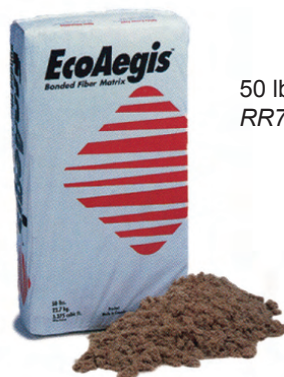
From
Application . . .

. . . to
finished
Fairway,
ready for
Golfers!

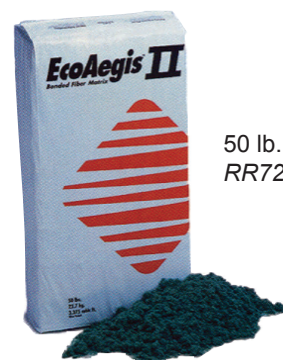


(Left) The progression
from hydroseeding
application to full
vegetative growth.

EcoAegis™ Bonded Fiber Matrix provides the protection of a blanket with the advantages of a mulch. It is designed to stay in place on steep slopes or during periods of heavy rainfall. It will hold seed in place even in the winter! The process is hydromatting – the long, sterile wood fibres are held together by a bonding agent (including organic guar gum tackifier and a crosslinking agent) to form a water resistant mat. The mat then absorbs the impact of rainfall on disturbed soil, and when dry, forms a water absorbent, porous and breathable blanket. *EcoAegis*™ secures soil and seed while helping to re-establish vegetation. *EcoAegis II*® has been specially formulated for fast, economical results where the slope is 2:1 or less, and good seed germination is expected.



50 lb. Bag
RR72119



50 lb. Bag
RR72120

GRASS SEED

Turf Type Grasses for Golf Courses and Landscapers

Kentucky Blue Grasses

Perfection	A top performer in turf trials. Dark, dense bluegrass cultivar. Great winter hardiness. Shade tolerant. Moderately aggressive and very good resistance to diseases.
Award	Intense dark green color and dense growth at low cutting heights. Excellent disease resistance.
Blue Moon	Superior turf quality. Great tolerance to low mowing. Good shade tolerance
Nuglade	Rich, dark green bluegrass which produces an elite quality turf. Highly shade tolerant.. Excellent fairway performance at low cutting height
New Destiny	Attractive, rich green color. Highly rated in trials. Fast, reliable germination. Superior close cut tolerance. Fine leaf with a dense appearance. High resistance to most common diseases.
Tsunami	Adapts well to low mowing heights. A strong warm-weather performer and stays greener longer in mid-summer.
Raven	Good quality performer for general and recreational use, vigorous, resilient, hardy under extreme weather conditions. Performs best at higher cutting heights.
98/85	A common high quality general purpose bluegrass for turf and landscape uses.

Bentgrasses for Golf greens

Penncross	A hybrid creeping bentgrass which is fast to germinate and has a uniform dark green color. Has been the most versatile of golf course grasses for 20 years.
Penn A-4	A new generation bentgrass with a very high rating. Dark green color and fine leaf texture. Exceptional heat and cold tolerance, high density, disease resistance and aggressive growth habit.

Turf-Type Perennial Ryes

Caddieshack	Produces beautiful lawn turf, with high density and medium texture leaf. Good wear tolerance. Moderate disease resistance.
Top Gun	Medium high density and medium-fine leaf texture. Moderate disease resistance.

Turf Fescues

Creeping Red Fescues	Well adapted fescue for lower maintenance areas. Spreads rapidly. Fine texture for lawns and parks.
Chewing Fescues	Fine leafed varieties for use in bluegrass lawn and park mixtures. Low maintenance, shade tolerant and good winter hardiness. Dark green, compact and low growing.
Hard Fescues	Produces dark green, persistent and dense turf. Drought tolerant and excellent in shade.
Tall Fescues	Turf type, medium dark green and medium fine texture. Good hardiness and disease resistance. Non-spreading bunchgrass. Generally more coarse than other lawn species.

Fairway and Tee Box Mixtures

Elite Fairway Mix	Contains three of our premium kentucky bluegrasses	RR 70130
Custom Fairway/Tee Mix	Blend with 75% premium bluegrasses, 15% boreal creeping red fescue, and 10% turf perennial rye.	RR70135
Economy Fairway Mix	Blend of 65% bluegrasses, 25% creeping red fescue and 10% perennial rye.	RR70129

Special Mixtures

Custom blends designed for the individual requirements of golf courses are our specialty. Call our sales reps for further information and assistance.

Revegetation Grasses

Alkali Grass	<i>Puccinellia distans</i> var. <i>Fults</i> . Low-growing bunchgrass adapted to alkaline/saline soils with moderate moisture.
Annual Rye Grass	<i>Lolium multiflorum</i> . Aggressive, fast germinating, quick to establish. Best use in overseeding and as a fast starting cover crop for other grasses in revegetation mixes.
Canada Blue Grass	<i>Poa compressa</i> . Erect, sod-forming, perennial with rhizomes. Found throughout moist meadows on poor soils but is drought and grazing tolerant. Tough, erosion control grass for revegetation projects.
Crested Wheatgrass	<i>Agropyron cristatum</i> . Extremely long-lived, bunch perennial. Very winter hardy and drought resistant. Tough characteristics make it very popular for reclamation projects. Can become very dominant.
Fall Rye	<i>Secale cereale</i> . A cereal grain often used as a nurse crop for other grasses. Quickly germinates and acts as a protection for other grass seedlings.
Hard Fescue	<i>Festuca longifolia</i> . Used in low maintenance and reclamation turf mixes where growing conditions are more harsh. Adapts to shady conditions but poor tolerance of salinity.
Intermediate Wheatgrass	<i>Agropyron intermedium</i> . Vigorous sod-forming, deep rooted grass under most conditions but doesn't tolerate salinity and wet conditions. Used in hay and pasture mixes
Little BlueStem	<i>Schizachyrium scoparium</i> . Widely adapted native grass. Bunchgrass with dense root system. Some drought tolerance. Found on thin soils, slopes, gravelly and sandy soils.
Meadow Foxtail	<i>Alopecurus pratensis</i> . A perennial cool season introduces grass used for erosion control on wet sites.
Meadow Brome	<i>Bromis biebersteinii</i> . Long-lived perennial bunchgrass. Heavy producer of roots and crown providing soil protection. Tolerates drought. Winter hardy. Well adapted for erosion control and forage use.
Meadow Fescue	<i>Festuca elatior</i> . Hardy short-lived perennial, generally used as a pasture grass. Prefers moist soils.
Orchard Grass	<i>Dactylis glomerata</i> . Medium to long-lived perennial bunchgrass with dense fibrous root system. Likes moist, well-drained soils. Moderate drought tolerance. Best used for hay and pastures.
Pubescent Wheatgrass	<i>Agropyron trichophorum</i> . Similar to intermediate wheat grass. Long-lived, drought tolerant, sod-forming. Adapts to most soils. Alkaline tolerant. Useful for hay, pastures and waterways.
Perennial Ryegrass	Low grow turf types for use in lawns, acreages and revegetation situations where a fast starting grass is needed for an early low growing cover.
Red Top	<i>Agrostis alba</i> . Cool season, sod-forming grass, widely adapted for erosion control and reclamation on wetter sites but has poor tolerance to drought and salinity.
Reed Canary Grass	<i>Phalaris arundinacea</i> . Tall, coarse, long-lived perennial. Noted for its tolerance of water-logged soils. A very useful high yielding but low palatability. Slow to establish. Needs snow cover to prevent winter kill.
Russian Wild Rye	<i>Elymus junceus</i> . Long-lived perennial, large bunchgrass. Dense foliage. Fibrous roots. High salinity tolerance. Slow to establish. Does not tolerate flooding. Adapted to pastures and dryland revegetation.
Sheeps Fescue	<i>Festuca ovina</i> . A native bunch grass used as a ground cover in mixes. Excellent for erosion control, dryland turf, golf course roughs and for background in wildflower mixes.
Slender Wheatgrass	<i>Agropyron trachycaulum</i> . Short-lived, native perennial bunchgrass. Adapts to wide range of soils and can tolerate alkali areas. Shade tolerant but does not compete well. Early season lush growth.
Slough Grass	<i>Beckmannia syzigachne</i> . Erect, tufted, annual or biennial, forming large bunches, with fibrous roots. Found around shallow sloughs and wet meadows.

Smooth Brome	<i>Bromis inermis</i> . Long-lived sod-forming perennial. Deep root system, tolerant to drought and heat. High yielding forage and pasture grass
Streambank Wheatgrass	<i>Agropyron riparium</i> . Native, cool season, sod-forming grass. Dense low growing and highly resistant to erosion. Very drought tolerant, with very strong root system. Forms rapid ground cover.
Tall Wheatgrass	<i>Agropyron elongatum</i> . A tall, coarse, late maturing bunchgrass. Not very drought tolerant but thrives on sub-irrigated, saline soils. Slow to germinate and slow to establish.
Tall Fescue	<i>Festuca arundinacea</i> . Forage varieties grown for hay and pasture. Produces dense lush growth. Deep rooted, long-lived perennial. Bunchgrass, moderately drought resistant. Slow to establish.
Timothy	<i>Phleum pratense</i> . Perennial bunchgrass with shallow fibrous roots. Adapts to cooler, moister areas. Winter hardy and widely adapted. Used in forage and erosion mixes.

Professional Gardener specializes in preparing custom revegetation grass mixes for landscapers, constructors and oilfield reclamation projects.

Legumes for Revegetation and Soil Erosion

Alsike Clover	<i>Trifolium hybridum</i> . Well adapted to cool climates, wet soils, tolerates flooding, acidic and alkaline soils.
Alfalfa	Pasture and forage varieties. Often used for stabilizing poor soils on slopes and hillsides, in mixes with revegetation grasses.
Red Clover	<i>Trifolium pratense</i> . Hardy, forage type legume with lots of foliage.
Birdsfoot Trefoil	A fast starting forage legume. Often used with wildflower mixes and hillside revegetation.
White Dutch Clover	<i>Trifolium repens</i> . A short creeping legume, used in cool moist areas. Tolerates slightly acidic to mildly alkaline locations. Easily established and cold hardy.

Native Grass Types for Revegetation and Soil Erosion

Alpine Blue Grass	<i>Poa alpina</i> . Densely tufted perennial bunchgrass. Found in subalpine and alpine meadows. Grows very well on bare soils and disturbances in alpine environments.
Awed Wheatgrass	<i>Agropyron subsecundum</i> . Erect, tufted, perennial, with fibrous roots. Most common on moist prairie and near forest margins.
Blue Grama	<i>Bouteloua gracilis</i> . Warm season low growing perennial. Found normally in drier areas under harsher soil and climatic conditions, often in association with needle and thread, and western wheat.
Canada Wild Rye	<i>Elymus canadensis</i> . Tall, erect bunchgrass. Grows as individual plant rather than dense stands. Occurs frequently on sandy soils, wooded areas and disturbed riverbanks. Establishes quickly.
Fowl Bluegrass	<i>Poa palustris</i> . Native to marshy parkland areas, shallow rooted and non-creeping. Establishes easily. Tall, loosely tufted perennial with fibrous roots. Found around forest and marshy areas.
Green Needle Grass	<i>Nassella viridula</i> . Erect bunchgrass with dense root system. Found widely on the Prairies. Establishes rapidly and tolerant to disease and drought.
Idaho Fescue	<i>Festuca idahoensis</i> . Cool season bunchgrass which can grow up to 36" height. Best suited to fertile clay soils. Can survive with little rainfall in cooler regions.
Indian Rice Grass	<i>Oryzopsis hymenoides</i> . Tall, tufted wiry plant with fibrous roots. Adapted to dry, sandy soils and arid conditions. Best planted in late fall for scarification.
June Grass	<i>Koeleria cristata</i> . Shallow, densely rooted cool season bunchgrass. Short growth form, usually as single plants within an area. Provides good forage for upland grazing.
Rough Fescue	<i>Festuca scabrella</i> . A native bunch grass for prairies, hillsides and open woods. Medium height. Needs 16" rain per year.
Prairie Sandreed	<i>Calamovilfa longifolia</i> . Cool season, tall, erect robust plant. Grows on sandy prairie and dune sand sites. Dense root system is well adapted to stabilizing and revegetation of sandy soils.
Little Bluestem	<i>Andropogon scoparius</i> . An erect, purplish grass with short, broad leaves. Tufted perennial with short scaly rhizomes. Restricted to moist or high water table areas.

Needle and Thread	<i>Stipa commata</i> . Native bunch grass. Drought tolerant. Does well on dry, sandy or gravelly soils. Often found in dry upland native pastures with Blue Grama and June Grass. (Often known as Spear Grass.)
Northern Wheat Grass	<i>Agropyron dasystachyum</i> . Very hardy, drought tolerant prairie native. Produces good ground cover against wind erosion. Long-lived perennial with a dense root system. Grows in mixed stands.
Slender Wheat Grass	<i>Agropyron trachycaulum</i> . Short-lived, native perennial bunchgrass. Adapts to wide range of soils and can tolerate alkaline areas. Shade tolerant but does not compete well. Early season lush growth.
Tufted Hair Grass	<i>Deschampsia caespitosa</i> . Cool season perennial grass, useful in reclamation in moist, higher elevations. Densely tufted with fibrous roots. Best suited for revegetation of wet, acidic soils.
Western Wheat Grass	<i>Agropyron smithii</i> . Long-lived, sod-forming perennial. Vigorous rhizomious growth with a height of 60-90 cm (2'-3'). Adapted to wide range of soils. Winter hardy, drought resistant and can handle flooding.

Recommended references for detailed descriptions and information on forage, turf and native grasses:

- 1) Alberta Forage Manual Agdex 120/20-4: Available from Alberta Agriculture Ph: 780-427-0391 Fax 780-427-2861
- 2) Native Grass Seed Production Manual: Available from Ducks Unlimited, Stonewall, MB Fax 204-467-9028
- 3) A Guide to Using Native Plants on Disturbed Lands.1996: Available from Alberta Agriculture Ph: 780-427-0391



(Left to Right)

- Green Needle
- June Grass
- Needle & Thread
- Plains Rough Fescue
- Sheep Fescue

WILDFLOWER SEED

Wildflowers for landscape and reclamation

Common Name	Botanical name	Life*	Color	Height	Seed/Lb	PG Code
Bachelor Buttons, Tall Blue	<i>Centaurea cyanus</i>	P	Cyan	24-30"	96	RR70193
Black Eyed Susan	<i>Rudbeckia hirta</i>	P	Yellow	24-30"	1710	RR70183
Arrowleaf Balsamroot	<i>Balsamorhiza sagittata</i>	P	Yellow	12-24"	55	RR70204
Blanketflower	<i>Gallardia aristata</i>	P	Yellow/Red	18-24"	160	RR70175
Blue Flax	<i>Linum lewisii</i>	P	Blue	12-24"	275	RR70165
California Bluebells	<i>Phacelia campanularia</i>	A	Blue	6-12"	856	RR70199
California Poppy	<i>Eschscholzia californica</i>	A	Yellow/Orange	12-15"	293	RR70185
Catchfly	<i>Silene armeria</i>	A	Pink	18-24"	3900	RR70190
Chinese Houses	<i>Collinsia heterophyllia</i>	A	Lavander/White	20-26"	410	RR70164
Columbine	<i>Aquilegia caerulea</i>	P	Blue/White	18-24"	500	RR70195
Columbine, Garden Mixed	<i>Aquilegia vulgaris</i>	P	Red/Violet	10-18"	310	RR70195
Coreopsis, Lanceleaf	<i>Coreopsis lanceleaf</i>	P	Yellow	24-36"	1400	RR70169
Coreopsis, Plains	<i>Coreopsis tinctoria</i>	A	Yellow/Red	18-24"	1400	RR70182
Dame's Rocket	<i>Hesperis matronalis</i>	P	Lavender	24-36"	280	RR70171

Evening Primrose	<i>Oenothera speciosa</i>	P	White/Pink	12-24"	2500	RR70162
Globe Mallow	<i>Sphaeralcea coccinea</i>	P	Red/Orange	6-12"	500	RR70194
Iceland Poppy	<i>Papaver nudicaule</i>	P	Yellow/Orange	24-30"	2780	RR70167
Indian Paintbrush	<i>Castilleja</i>	P	Red	12-24"	4900	RR70196
Lemon Mint	<i>Monarda citriodora</i>	A	Purple	12-24"	1500	RR70192
Lupine, Annual	<i>Lupinus succulentus</i>	A	Blue	12-24"	15	RR70168
Lupine, Perennial Blue	<i>Lupinus perennis</i>	P	Blue/Purple	24-36"	22	RR70179
Missouri Primrose	<i>Oenothera missouriensis</i>	P	Yellow	6-12"	92	RR70197
Mountain Phlox	<i>Linanthus grandiflorus</i>	P	White	12-24"	907	RR70207
Penstemon, Rocky Mtn	<i>Penstemon strictus</i>	P	Blue	24-30"	595	RR70188
Perennial Alyssum	<i>Alyssum saxatile</i>	P	Gold	12"	460	RR70176
Phlox, Annual Mixed	<i>Phlox drummondii</i>	A	Red/Mixed	12-24"	234	RR70208
Purple Cone Flower	<i>Echinacea purpurea</i>	P	Purple	24-30"	1280	RR70170
Purple Prairie Clover	<i>Pentalostemum purpureum</i>	P	Purple	8-12"	293	RR70180
Red Flax	<i>Linum grandiflorum</i>	A	Red	12-24"	130	RR70191
Red Poppy	<i>Papaver rhoeas</i>	A	Red	24-30"	3200	RR70186
Rocket Larkspur	<i>Delphinium ajacis</i>	P	White/Pink	18-24"	150	RR70206
Shasta Daisy	<i>Chrysanthemum maximum</i>	P	White	24-30"	430	RR70189
Shirley Poppy	<i>Papaver rhoeas mix</i>	A	Yellow/Orange	24-30"	1300	RR70172
Shooting Star	<i>Dodecatheon conjugens</i>	P	Maroon	8-12"	1500	RR70198
Strawberry Clover	<i>Trifolium fragiferum</i>	P	Purple	8-12"	300	RR70201
Sweet Alyssum	<i>Lobularia maritima</i>	P	White	8-12"	1100	RR70203
Sweet William	<i>Dianthus barbatus</i>	P	Pink	14-18"	2480	RR70205
Trefoil, Bird' Foot	<i>Lotus corniculatus</i>	P	Yellow	10-20"	285	RR70181
Wall Flower	<i>Cheiranthus allionii</i>	A	Orange	10-16"	300	RR70178
Yarrow, Gold	<i>Achillea filipendulia</i>	P	Gold	24-30"	2700	RR70209
Yarrow, White	<i>Achilles millefolium</i>	P	White	24-30"	2770	RR70173
Yellow Cone Flower	<i>Ratibida columnaris</i>	P	Yellow	12-30"	1230	RR70184

*Life: (P) = Perennial (A) = Annual

Wildflower Mixes

Foothills Wildflower Mix	Mixture of 18 perennials and 4 annuals suited to Plains and Foothill areas.	RR70160
Alpine Wildflower Mix	Mixture of 15 perennials and 3 annuals suited for Mountain Parks areas.	RR70159

Wildflower Culture

For General landscaping situations use 1 Lb per 5000 sq ft along with a companion grass such as sheep's fescue. Do not spray herbicides on wildflower areas. A little fertilizer is always helpful, especially phosphorus and potassium which will induce flowering. Mow only in the late fall, and only after hard frosts with a high mower setting. A successful wildflower display requires patience and care to meet expectations.