



# ERNST SEEDS

Retail Price List – Spring 2019

800-873-3321

## Warm Season Grasses

Big Bluestem ( <i>Andropogon gerardii</i> )	Price/lb
APB-NY Ecotype	13.20 PLS
Long Island-NY Ecotype	13.20 PLS
'Niagara'-NY-NRCS Variety Release	13.20 PLS
'Prairie View'-IN Ecotype	13.20 PLS
'Southlow'-MI Ecotype	13.20 PLS
'Suther'-Piedmont NC Ecotype	19.80 PLS

## Little Bluestem (*Schizachyrium scoparium*)

'Aldous'-KS-NRCS Variety Release	17.60 PLS
APB-NY Ecotype	17.60 PLS
'Blaze'	17.60 PLS
'Camper'-NE & KS-NRCS Variety Release	17.60 PLS
Fort Indiantown Gap-PA Ecotype	17.60 PLS
'Itasca'-MN Ecotype	17.60 PLS
Long Island – NY Ecotype	17.60 PLS
'Prairie View'-IN Ecotype	17.60 PLS
NC Ecotype	22.00 PLS

## Indiangrass (*Sorghastrum nutans*)

GA Ecotype	13.20 PLS
Long Island-NY Ecotype	13.20 PLS
NC Ecotype	13.20 PLS
PA Ecotype	13.20 PLS
'Prairie View'-IN Ecotype	13.20 PLS
'Southlow'-MI Ecotype	13.20 PLS
'Suther'-Piedmont NC Ecotype	13.20 PLS
VA Ecotype	13.20 PLS

## Switchgrass (*Panicum virgatum*)

'Blackwell'-OK-NRCS Variety Release	11.00 PLS
'BoMaster'-NCSU Biomass Variety Release	13.20 PLS
'Carthage'-NC-NRCS Variety Release	6.60 PLS
'Cave-In-Rock'-IL-NRCS Variety Release	6.60 PLS
'Colony'-NCSU Biomass Variety Release	13.20 PLS
Long Island-NY Ecotype	13.20 PLS
NJ Ecotype	13.20 PLS
'Performer'	13.20 PLS
'Shawnee'-NE-NRCS, ARS Forage Variety Release	6.60 PLS
'Shelter'-NY&WV-NRCS Variety Release	6.60 PLS
Summer	13.20 PLS

## Native Grasses

	Price/lb
Bluejoint, Canada ( <i>Calamagrostis canadensis</i> )	660.00 PLS
Broomsedge ( <i>Andropogon virginicus</i> )	88.00 PLS
Buffalograss, 'Texoka' ( <i>Buchloe dactyloides</i> )	17.60 PLS
Deertongue, 'Tioga' ( <i>Panicum clandestinum</i> )	19.80 PLS
Gamagrass, Eastern ( <i>Tripsacum dactyloides</i> )	17.60 PLS
Grama, Blue ( <i>Bouteloua gracilis</i> )	11.00 PLS
Grama, Sideoats, 'Butte' ( <i>Bouteloua curtipendula</i> )	11.00 PLS
Lovegrass, Sand ( <i>Eragrostis trichodes</i> )	14.30 PLS
Oatgrass, Tall, 'Ruffner' ( <i>Arrhenatherum elatius</i> )	13.20
Panicgrass, Coastal, 'Atlantic', VA Ecotype ( <i>Panicum amarum</i> )	11.00PLS
Purpletop ( <i>Tridens flavus</i> )	22.00 PLS
Purpletop, FIG-PA Ecotype ( <i>Tridens flavus</i> )	22.00 PLS
Purpletop, 'Suther'-NC Ecotype ( <i>Tridens flavus</i> )	26.40 PLS
Purpletop, VA Ecotype ( <i>Tridens flavus</i> )	26.40 PLS
Wheatgrass, Crested ( <i>Agropyron cristatum</i> )	4.40
Wheatgrass, Intermediate ( <i>Agropyron intermedium</i> )	3.58
Wheatgrass, Slender ( <i>Agropyron trachycaulum</i> )	4.18
Wheatgrass, Western ( <i>Agropyron smithii</i> )	10.78
Wildrye, Canada ( <i>Elymus canadensis</i> )	7.70 PLS
Wildrye, Riverbank, PA Ecotype ( <i>Elymus riparius</i> )	8.80 PLS
Wildrye, Silky ( <i>Elymus villosus</i> )	66.00 PLS
Wildrye, Virginia, PA Ecotype ( <i>Elymus virginicus</i> )	7.70 PLS
Wildrye, Virginia, GA and 'Suther'-NC Ecotype ( <i>Elymus virginicus</i> )	13.20 PLS

## Cover Crops & Wildlife Forage

	Price/lb
Brassica, Forage, Rape, 'Bonar' ( <i>Brassica napus</i> )	3.30
Brassica, Forage, Rape, 'Dwarf Essex' ( <i>Brassica napus</i> )	1.43
Brassica, Forage, Rape, 'Rangiora' ( <i>Brassica napus</i> )	3.30
Brassica, Forage, 'Appin' Turnip ( <i>Brassica rapa</i> )	3.96
Brassica, Forage, 'Pasja' Hybrid Turnip ( <i>Brassica rapa</i> )	3.85
Brassica, Forage, 'Vivant' Hybrid Turnip ( <i>Brassica rapa</i> )	3.85
Brassica, Forage, Purple Top Turnip ( <i>Brassica rapa</i> )	2.20
Buckwheat ( <i>Fagopyrum esculentum</i> ) (50 lb/bu)	44.00/bu
Burnet, Small ( <i>Sanguisorba minor</i> )	4.62
Camelina, 'Blaine Creek' ( <i>Camelina sativa</i> )	4.40
Camelina, 'Suneson' ( <i>Camelina sativa</i> )	4.40
Canola, Winter, 'Wichita' ( <i>Brassica napus</i> )	3.30
Chicory, Forage, 'Six Point' ( <i>Cichorium spp.</i> )	11.00
Dwarf Sorghum/Red Milo ( <i>Sorghum spp.</i> )	0.55
Oats, 'Armor', Certified ( <i>Avena sativa</i> ) (64 lb/2 bu bag)	15.40/bu
Oats, 'Ogle' ( <i>Avena sativa</i> ) (64 lb/2 bu bag)	14.30/bu
Oats, VNS ( <i>Avena sativa</i> ) (64 lb/2 bu bag)	14.30/bu
Radish, 'GroundHog' ( <i>Raphanus sativus</i> )	2.20
Rye, 'Aroostook', Certified ( <i>Secale cereale</i> ) (56 lb/bu)	20.90/bu
Rye, 'Aroostook', Common ( <i>Secale cereale</i> ) (56 lb/bu)	19.80/bu
Rye, Winter ( <i>Secale cereale</i> ) (56 lb/bu)	18.70/bu

Note: States and agencies listed with the native grasses refer to the genetic origin.

Bird's Foot Trefoil ( <i>Lotus corniculatus</i> )	Price/lb
'Empire' .....	5.78
'Leo' .....	5.78
'Norcen' .....	5.78

Clover	Price/lb
Clover, Alsike ( <i>Trifolium hybridum</i> ) .....	3.58
Clover, Berseem ( <i>Trifolium alexandrinum</i> ) .....	3.02
Clover, Crimson ( <i>Trifolium incarnatum</i> ) .....	2.20
Clover, Red, Kenland ( <i>Trifolium pratense</i> ) .....	3.02
Clover, Red, Mammoth ( <i>Trifolium pratense</i> ) .....	2.86
Clover, Red, Medium ( <i>Trifolium pratense</i> ) .....	2.75
Clover, Red, Starfire ( <i>Trifolium pratense</i> ) .....	4.24
Clover, White, Dutch ( <i>Trifolium repens</i> ) .....	3.63
Clover, White, Kopu II ( <i>Trifolium repens</i> ) .....	5.50
Clover, White, Ladino ( <i>Trifolium repens</i> ) .....	3.63
Clover, New Zealand ( <i>Trifolium repens</i> ) .....	4.13

Native Legumes	Price/lb
False Indigo, Blue, PA & WV Ecotype ( <i>Baptisia australis</i> ) ..	88.00
Lespedeza, Roundhead, PA & RI Ecotype ( <i>Lespedeza capitata</i> ) ..	118.80
Lespedeza, Slender, VA & GA Ecotype ( <i>Lespedeza virginica</i> ) ..	198.00
Locust, Black ( <i>Robinia pseudoacacia</i> ) .....	7.15
Locust, Bristly ( <i>Robinia fertilis</i> ) .....	74.80
Pea, Partridge ( <i>Chamaecrista fasciculata</i> ) .....	7.70
Prairie Clover, Purple ( <i>Dalea purpurea</i> ) .....	59.40
Senna, Maryland ( <i>Senna marilandica</i> ) .....	26.40
Senna, Wild ( <i>Senna hebecarpa</i> ) .....	26.40
Ticktrefoil, Dillenius', 'Alcona'-MI Ecotype ( <i>Desmodium glabellum</i> ) ..	44.00
Ticktrefoil, Dixie, AL Ecotype ( <i>Desmodium tortuosum</i> ) .....	44.00
Ticktrefoil, Panicleleaf, PA Ecotype ( <i>Desmodium paniculatum</i> ) ..	44.00
Ticktrefoil, Panicleleaf, WI Ecotype ( <i>Desmodium paniculatum</i> ) ..	44.00
Ticktrefoil, Showy ( <i>Desmodium canadense</i> ) .....	44.00

Non-Native Legumes	Price/lb
Alfalfa, Vernal ( <i>Medicago sativa</i> ) .....	2.64
Crownvetch, 'Penngift' ( <i>Coronilla varia</i> ) .....	28.60
Flat Pea, 'Lathco' ( <i>Lathyrus sylvestris</i> ) .....	15.40
Lespedeza, Bicolor ( <i>Lespedeza bicolor</i> ) .....	8.80
Lespedeza, Korean ( <i>Lespedeza stipulacea</i> ) .....	2.75
Lespedeza, Serecia, Unhulled ( <i>Lespedeza cuneata</i> ) .....	5.72
Sweetclover, White Blossom ( <i>Melilotus alba</i> ) .....	4.40
Sweetclover, Yellow Blossom ( <i>Melilotus officinalis</i> ) .....	1.98
Sweetpea, Tuberosa (Field Pea) ( <i>Lathyrus tuberosus</i> ) .....	11.00
Vetch, Hairy ( <i>Vicia villosa</i> ) .....	2.86
Vetch, Hairy, 'Purple Bounty' ( <i>Vicia villosa</i> ) .....	3.96
Winter Pea, Austrian ( <i>Pisum arvense</i> ) .....	1.10

Kentucky Bluegrass ( <i>Poa pratensis</i> )	Price/lb
'Baron' .....	3.41
'Blue Angel' .....	3.41
'Shamrock' .....	3.41
'Slingshot' .....	3.41
'Troy' (pasture type) .....	3.24
'Volt' .....	3.41

Hard Fescue	Price/lb
'Beacon' ( <i>Festuca brevipila</i> ) .....	3.52
'Harpoon' .....	3.52
'Jetty' ( <i>Festuca ovina</i> var. <i>duriuscula</i> ) .....	3.52
'Chariot' .....	3.52

Tall Fescue ( <i>Festuca arundinacea</i> )	Price/lb
'Bronson' (pasture type) .....	2.20
'Fawn', Endophyte Free .....	2.09
'Raptor III' (turf type) .....	2.20
'Stingray' (turf type) .....	2.20
'Tombstone' (turf type) .....	2.20

Orchardgrass ( <i>Dactylis glomerata</i> )	Price/lb
'Amba' .....	4.12
'Potomac' .....	4.12
'Pennlate' .....	4.12
'Tekapo' .....	4.40

Perennial Ryegrass ( <i>Lolium perenne</i> )	Price/lb
'Amazing GS' (turf type) .....	2.04
'Black Cat II' (turf type) .....	2.04
'Crave' (tetraploid) .....	2.20
'Confetti III' (turf type) .....	2.04
'Fastball RGL' (turf type) .....	2.04
'Homerun' (turf type) .....	2.04
'Nobility' (turf type) .....	2.04
'Stellar 3GL' (turf type) .....	2.04
'Tetra Sweet' (tetraploid) .....	2.20

Miscellaneous Grasses	Price/lb
Alkaligrass, Salt Tolerant ( <i>Puccinellia distans</i> ) .....	5.50
Bentgrass, Colonial, 'Highland' ( <i>Agrostis tenuis</i> ) .....	5.50
Bentgrass, Creeping ( <i>Agrostis stolonifera</i> ) .....	13.20
Bluegrass, Canada ( <i>Poa compressa</i> ) .....	5.78
Bluegrass, Rough ( <i>Poa trivialis</i> ) .....	4.40
Brome, Smooth ( <i>Bromus inermis</i> ) .....	4.40
Fescue, Chewings ( <i>Festuca rubra</i> ssp. <i>commutata</i> ) .....	2.31
Fescue, Creeping Red ( <i>Festuca rubra</i> ) .....	2.26
Fescue, Creeping Red, 'Pennlawn' ( <i>Festuca rubra</i> ) .....	2.64
Fescue, Meadow ( <i>Festuca elatior</i> ) .....	4.18
Fescue, Sheep ( <i>Festuca ovina</i> ) .....	3.74
Fescue, Sheep, Blue ( <i>Festuca ovina</i> var. <i>glauca</i> ) .....	4.13
Festulolium, 'Duo' ( <i>Festuca elatior</i> x <i>Lolium perenne</i> ) .....	1.87
Foxtail, Creeping, 'Garrison' ( <i>Alopecurus arundinaceus</i> ) ..	11.00
Lovegrass, Weeping ( <i>Eragrostis curvula</i> ) .....	11.00 PLS
Millet, Brown Top ( <i>Urochloa ramosa</i> ) .....	0.99
Millet, Foxtail, German ( <i>Setaria italica</i> ) .....	1.10
Millet, Japanese ( <i>Echinochloa crusgalli</i> var. <i>frumentacea</i> ) ..	1.32
Redtop ( <i>Agrostis alba</i> ) .....	8.80
Ryegrass, Annual ( <i>Lolium multiflorum</i> ) .....	0.99
Timothy, 'Climax' ( <i>Phleum pratense</i> ) .....	1.32

See pages 3-11 for more species.

More species and ecotypes may be available.

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**Restoration, Wetland, Wildflower, and Shrub & Tree Species**

Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb
<i>Achillea millefolium</i>	Common Yarrow	FACU/FACU/FACU	44.00
<i>Acorus americanus</i>	Sweetflag		154.00
<i>Agastache foeniculum</i>	Anise (Lavender) Hyssop		189.20
<i>Agrimonia parviflora</i>	Small Flowered Agrimony	FAC/FAC/FAC+	110.00
<i>Agrostis alba (A. gigantea)</i>	Redtop	FACW/FACW/FACW	8.80
<i>Agrostis hyemalis, Piedmont NC Ecotype</i>	Winter Bentgrass, Piedmont NC Ecotype	FAC/FAC/FAC-	24.20
<i>Agrostis peremans, PA &amp; APB-NY Ecotype</i>	Autumn Bentgrass, PA & APB-NY Ecotype	FACU/FACU/FAC-	15.40
<i>Agrostis stolonifera</i>	Creeping Bentgrass	FACW/FACW/FACW	13.20
<i>Agrostis tenuis (A. capillaris)</i>	Colonial Bentgrass, 'Highland'		5.50
<i>Alisma subcordatum (A. plantago-aquatica)</i>	Mud Plantain (Water Plantain)	OBL/OBL/OBL	176.00
<i>Allium cernuum, OH Ecotype</i>	Nodding Onion, OH Ecotype		231.00
<i>Alopecurus arundinaceus (A. ventricosus)</i>	Creeping Foxtail	NO/NO/NO	11.00
<i>Amorpha canescens</i>	Leadplant		231.00
<i>Amorpha fruticosa</i>	River Locust (False Indigo)	FACW/FACW/FACW+	70.40
<i>Amorpha herbacea, NC Ecotype</i>	Clusterspike False Indigo, NC Ecotype	NO/FAC/NO	162.80
<i>Amsonia ciliata, SC Ecotype</i>	Fringed Bluestar		352.00
<i>Andropogon gerardii</i>	Big Bluestem (See Page 1 for cultivars & prices)	FAC/FAC/FAC-	See Page 1 PLS
<i>Andropogon glomeratus, FL Ecotype</i>	Bushy Bluestem, FL Ecotype	FACW+/FACW+/FACW+	660.00 PLS
<i>Andropogon glomeratus var. glaucopsis, FL Ecotype</i>	Purple Bluestem, FL Ecotype		660.00 PLS
<i>Andropogon ternarius, FL Ecotype</i>	Splitbeard Bluestem, FL Ecotype	FACU/FACU/FACU	132.00 PLS
<i>Andropogon ternarius, MO Ecotype</i>	Splitbeard Bluestem, MO Ecotype	FACU/FACU/FACU	55.00 PLS
<i>Andropogon virginicus, MO Ecotype</i>	Broomsedge, MO Ecotype	FACU/FAC-/FAC-	88.00 PLS
<i>Anemone canadensis</i>	Canadian Anemone	FACW/FAC/FACW	418.00
<i>Anemone virginiana</i>	Thimbleweed		215.60
<i>Apocynum cannabinum</i>	Indianhemp	FACU/FAC-/FAC	352.00
<i>Aquilegia canadensis</i>	Eastern Columbine	FAC/FAC-	330.00
<i>Aralia spinosa</i>	Hercules' Club	FAC/FAC/FACW	70.40
<i>Aronia melanocarpa</i>	Black Chokeberry	FAC/FAC/FACW-	88.00
<i>Arrhenatherum elatius ssp. elatius, 'Ruffner'</i>	Tall Oatgrass, 'Ruffner'	FACU/FACU/FACU	13.20
<i>Asclepias incarnata, PA &amp; Midwestern U.S. Ecotype</i>	Swamp Milkweed, PA & Midwestern U.S. Ecotype	OBL/OBL/OBL	176.00
<i>Asclepias speciosa</i>	Showy Milkweed	NO/NI/FAC	118.80
<i>Asclepias syriaca</i>	Common Milkweed		215.60
<i>Asclepias tuberosa</i>	Butterfly Milkweed		308.00
<i>Aster divaricatus</i>	White Wood Aster		396.00
<i>Aster laevis (Symphyotrichum laeve)</i>	Smooth Blue Aster		396.00
<i>Aster lateriflorus</i>	Calico Aster	FACW-/FAC/FACW-	396.00
<i>Aster lowrieanus, PA Ecotype</i>	Lowrie's Blue Wood Aster		396.00
<i>Aster macrophyllus (Eurybia macrophylla)</i>	Bigleaf Aster		396.00
<i>Aster novae-angliae (Symphyotrichum n.)</i>	New England Aster	FACW-/FACW/FACW	396.00
<i>Aster novi-belgii, APB-NY Ecotype</i>	New York Aster, APB-NY Ecotype	FACW+/OBL/FACW	396.00
<i>Aster oblongifolius (Symphyotrichum oblongifolium)</i>	Aromatic Aster		396.00
<i>Aster patens, NC Ecotype</i>	Late Purple Aster, NC Ecotype		396.00
<i>Aster pilosus (Symphyotrichum pilosum)</i>	Heath Aster	UPL/FAC-/FACU+	396.00
<i>Aster prenanthoides (Symphyotrichum p.)</i>	Zigzag Aster	FAC/FAC/FAC	396.00
<i>Aster puniceus (Symphyotrichum puniceum)</i>	Purplestem Aster	OBL/OBL/OBL	396.00
<i>Aster sagittifolius (A. urophyllus)(Symphyotrichum urophyllum)</i>	Arrowleaf (Sagittate) Aster		396.00
<i>Aster spectabilis, NC Ecotype</i>	Showy Aster, NC Ecotype		264.00
<i>Aster umbellatus (Doellingeria umbellata)</i>	Flat Topped White Aster	FACW/FACW/FACW	396.00
<i>Astragalus canadensis</i>	Canadian Milkvetch	FAC/FAC/FAC+	88.00

Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb
<i>Baptisia alba</i> (B. leucantha)	White False Indigo	FACU/FAC/FACU	220.00
<i>Baptisia albescens</i> , NC & SC Ecotype	Spiked Wild Indigo, NC & SC Ecotype		308.00
<i>Baptisia australis</i> , WV Ecotype	Blue False Indigo, WV Ecotype		88.00
<i>Baptisia pendula</i> , FL Ecotype	Largeleaf Wild Indigo, FL Ecotype		176.00
<i>Baptisia perfoliata</i> , SC Ecotype	Catbells, SC Ecotype		308.00
<i>Baptisia tinctoria</i>	Yellow False Indigo (Horseflyweed)		660.00
<i>Bidens aristosa</i> , NC Ecotype	Showy Tickseed Sunflower (Bur Marigold), NC Ecotype	FACW-/FACW/FACW	19.80
<i>Bidens cernua</i> , PA & Midwestern U.S. Ecotype	Nodding Bur Marigold, PA & Midwestern U.S. Ecotype	OBL/OBL/OBL	176.00
<i>Bidens frondosa</i> , PA & Midwestern U.S. Ecotype	Beggartick, PA & Midwestern U.S. Ecotype	FACW/FACW/FACW	176.00
<i>Bidens mitis</i> , FL Ecotype	Smallfruit Beggartick, FL Ecotype	OBL/OBL/NO	88.00
<i>Blephilia ciliata</i> , NC Ecotype	Downy Pagoda Plant, NC Ecotype		792.00
<i>Boltonia asteroides</i>	False Aster	FACW/FACW/FACW	154.00
<i>Boltonia asteroides</i> , FL	White Doll's Daisy, FL	FACW/FACW/FACW	44.00
<i>Bouteloua curtipendula</i>	Sideoats Grama		11.00 PLS
<i>Bouteloua gracilis</i>	Blue Grama		11.00 PLS
<i>Bromus inermis</i>	Smooth Brome		5.50
<i>Buchloe dactyloides</i> (Bulbilis d.), 'Texoka'	Buffalograss, 'Texoka'	NO/FACU-/FACU-	17.60 PLS
<i>Calamagrostis canadensis</i>	Canada Bluejoint	FACW+/OBL/OBL	660.00 PLS
<i>Camelina sativa</i>	Camelina	UPL/FACU/FAC-	4.40
<i>Carex albolutescens</i> , NC Ecotype	Greenwhite Sedge, NC Ecotype	FACW/FAC+/FACW	79.20
<i>Carex comosa</i>	Cosmos (Bristly) Sedge	OBL/OBL/OBL	198.00
<i>Carex crinita</i>	Fringed (Nodding) Sedge	OBL/FACW+/FACW+	198.00
<i>Carex folliculata</i>	Northern Long Sedge		176.00
<i>Carex frankii</i>	Frank's Sedge	OBL/OBL/OBL	44.00
<i>Carex glaucescens</i> , NC Ecotype	Southern Waxy Sedge, NC Ecotype	OBL/OBL/NO	264.00
<i>Carex granularis</i> var. <i>haleana</i>	Openfield Sedge	FACU/ FACW+/FACW+	118.80
<i>Carex grayi</i>	Gray's Sedge	FACW+/FACW/FACW+	118.80
<i>Carex gynandra</i>	Nodding Sedge		198.00
<i>Carex intumescens</i>	Bladder (Star) Sedge	FACW+/FACW/FACW+	140.80
<i>Carex lupulina</i> , MD & NC Ecotype	Hop Sedge, MD & NC Ecotype	OBL/OBL/OBL	96.80
<i>Carex lupulina</i> , PA Ecotype	Hop Sedge, PA Ecotype	OBL/OBL/OBL	79.20
<i>Carex lurida</i>	Lurid (Shallow) Sedge	OBL/OBL/OBL	70.40
<i>Carex lurida</i> , NC Ecotype	Lurid (Shallow) Sedge, NC Ecotype	OBL/OBL/OBL	70.40
<i>Carex pensylvanica</i> , PA Ecotype	Pennsylvania Sedge, PA Ecotype		Available in plugs only
<i>Carex scoparia</i>	Blunt Broom Sedge	FACW/FACW/FACW	79.20
<i>Carex squarrosa</i> , PA Ecotype	Squarrose Sedge, PA Ecotype	FACW/FACW/OBL	105.60
<i>Carex squarrosa</i> , VA Ecotype	Squarrose Sedge, VA Ecotype	FACW/FACW/OBL	105.60
<i>Carex stipata</i>	Awl Sedge	OBL/OBL/OBL	215.60
<i>Carex stricta</i>	Tussock Sedge	OBL/OBL/OBL	528.00
<i>Carex vulpinoidea</i>	Fox Sedge	OBL/OBL/OBL	26.40
<i>Carpinus caroliniana</i>	Hornbeam (Blue Beech) (Musclewood)	FAC/FAC/FAC	72.60
<i>Carya ovata</i>	Shagbark Hickory	FACU-/FACU/FACU	9.90
<i>Centaurea cyanus</i>	Cornflower (Bachelor's Button)		11.00
<i>Cephalanthus occidentalis</i>	Buttonbush	OBL/OBL/OBL	74.80
<i>Cercis canadensis</i>	Eastern Redbud	FACU-/FACU/FACU	52.80
<i>Chamaecrista fasciculata</i> (Cassia f.)	Partridge Pea	FACU/FACU/FACU-	7.70
<i>Chamaecrista fasciculata</i> , FL Ecotype	Partridge Pea, FL Ecotype	FACU/FACU/FACU-	11.00
<i>Chamaecrista nictitans</i> , NC Ecotype	Sensitive Pea, NC Ecotype	FACU-/FACU/FACU-	66.00
<i>Chasmanthium latifolium</i> (Uniola latifolia), MO Ecotype	River Oats, MO Ecotype	FACU/FAC-/FACW	88.00
<i>Chasmanthium laxum</i> (Uniola laxa), NC Ecotype	Slender Woodoats, NC Ecotype	FAC/FACW-/FACW	101.20
<i>Cheiranthus allionii</i> (Erysimum cheiri)	Wallflower		13.20

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Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb	
<i>Chelone glabra</i>	Turtlehead	OBL/OBL/OBL	660.00	
<i>Chrysanthemum leucanthemum</i>	Oxeye Daisy		30.80	
<i>Chrysanthemum maximum</i>	Shasta Daisy		35.20	
<i>Cichorium intybus</i>	Blue Chicory		17.60	
<i>Cimicifuga racemosa</i>	Black Cohosh (Black Snakeroot) (Black Bugbane)		396.00	
<i>Cinna arundinacea</i>	Wood Reedgrass	FAC+/FACW/FACW	132.00	
<i>Clarkia elegans</i>	Clarkia		26.40	
<i>Clematis virginiana, PA &amp; Midwestern U.S. Ecotype</i>	Virgin's Bower, PA & Midwestern U.S. Ecotype	FAC/FAC+/FAC	231.00	
<i>Coreopsis basalis, FL Ecotype</i>	Goldenmane Tickseed, FL Ecotype		30.80	
<i>Coreopsis grandiflora, GA Ecotype</i>	Largeflower Tickseed, GA Ecotype		19.80	
<i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis	FACU/UPL/FACU	26.40	
<i>Coreopsis leavenworthii, FL Ecotype</i>	Leavenworth's Tickseed, FL Ecotype	NO/FACW/NO	308.00	
<i>Coreopsis major, AL Ecotype</i>	Greater Tickseed, AL Ecotype		330.00	
<i>Coreopsis tinctoria</i>	Plains Coreopsis	FAC-/FAC/FAC-	17.60	
<i>Coreopsis tripteris, AL, OH &amp; PA Ecotype</i>	Tall Coreopsis, AL, OH & PA Ecotype	FAC/FAC/FAC	308.00	
<i>Coreopsis verticillata, SC &amp; VA Ecotype</i>	Whorled (Threadleaf) Tickseed, SC & VA Ecotype		440.00	
<i>Cornus alternifolia</i>	Pagoda Dogwood		88.00	
<i>Cornus amomum</i>	Silky Dogwood	FACW/FACW+/FACW+	74.80	
<i>Cornus florida</i>	Flowering Dogwood	FACU-/FACU/FACU-	52.80	
<i>Cornus racemosa</i>	Gray Dogwood		79.20	
<i>Cornus sericea (C. stolonifera)</i>	Redosier Dogwood	FACW+/NO/FACW+	79.20	
<i>Cosmos bipinnatus</i>	Cosmos	FACU-/FAC/FACW-	15.40	
<i>Cosmos sulphureus</i>	Sulphur Cosmos		15.40	
<i>Cyperus esculentus</i>	Chufa (Nutsedge)	FACW/FAC/FACW	3.52	
<i>Dalea candida</i>	White Prairie Clover		105.60	
<i>Dalea purpurea (Petalostemon purpureum)</i>	Purple Prairie Clover		59.40	
<i>Daucus carota</i>	Queen Anne's Lace		88.00	
<i>Delphinium ajacis</i>	Rocket Larkspur		26.40	
<i>Deschampsia cespitosa</i>	Tufted Hairgrass	FACW/FACW/FACW+	24.20	
<i>Desmanthus illinoensis, Midwestern U.S. Ecotype</i>	Illinois Bundleflower, Midwestern U.S. Ecotype	FAC/FAC/FAC-	17.60	
<i>Desmodium canadense</i>	Showy Ticktrefoil	FAC/FAC-/FAC-	44.00	
<i>Desmodium glabellum, 'Alcona'-MI Ecotype</i>	Dillenius' Ticktrefoil, 'Alcona'-MI Ecotype		44.00	
<i>Desmodium paniculatum, PA &amp; WI Ecotype</i>	Panicledleaf Ticktrefoil, PA & WI Ecotype		44.00	
<i>Desmodium tortuosum, AL Ecotype</i>	Dixie Ticktrefoil, AL Ecotype		44.00	
<i>Dianthus barbatus</i>	Sweetwilliam		22.00	
<i>Echinacea pallida</i>	Pale Purple Coneflower		92.40	
<i>Echinacea purpurea</i>	Purple Coneflower		39.60	
<i>Echinochloa crusgalli var. frumentacea</i>	Japanese Millet	FACU/FACW-/FACW	1.32	
<i>Echinochloa muricata</i>	Barnyard Grass		22.00	
<i>Echinochloa muricata, PA Ecotype</i>	Barnyard Grass, PA Ecotype		35.20	
<i>Eleocharis palustris</i>	Creeping Spikerush	OBL/OBL/OBL	99.00	
<i>Elephantopus elatus, FL Ecotype</i>	Tall Elephantsfoot, FL Ecotype		264.00	
<i>Elymus canadensis</i>	Canada Wildrye	FACU+/FAC/FAC-	7.70	PLS
<i>Elymus hystrix (Hystrix patula), PA &amp; Midwestern</i>	Bottlebrush Grass, PA & Midwestern Ecotype		198.00	PLS
<i>Elymus riparius, PA Ecotype</i>	Riverbank Wildrye, PA Ecotype	FACW/FACW/FACW	8.80	PLS
<i>Elymus villosus</i>	Silky Wildrye		66.00	PLS
<i>Elymus virginicus, PA Ecotype</i>	Virginia Wildrye, PA Ecotype	FACW-/FAC/FACW-	7.70	PLS
<i>Elymus virginicus, GA and 'Suther'-NC Ecotype</i>	Virginia Wildrye, GA, 'Suther'-NC Ecotype	FACW-/FAC/FACW-	13.20	PLS
<i>Eragrostis curvula</i>	Weeping Lovegrass		11.00	PLS
<i>Eragrostis elliottii, FL Ecotype</i>	Field Lovegrass, FL Ecotype	NO/FACW/NO	396.00	

Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb
<i>Eragrostis hirsutus</i> , VA Ecotype	Bigtop Lovegrass, VA Ecotype	UPL/FACU/UPL	149.60 PLS
<i>Eragrostis spectabilis</i> , FL Ecotype	Purple Lovegrass, FL Ecotype	UPL/FACU/UPL	198.00 PLS
<i>Eragrostis trichodes</i>	Sand Lovegrass		14.30 PLS
<i>Erianthus contortus</i> , VA & NC Ecotype	Shortbeard Plumegrass, VA & NC Ecotype		66.00 PLS
<i>Eriophorum virginicum</i>	Tawny Cottongrass	OBL/OBL/OBL	286.00
<i>Eryngium aquaticum</i> var. <i>aquaticum</i> , SC Ecotype	Marsh Rattlesnakemaster, SC Ecotype		396.00
<i>Eryngium aquaticum</i> var. <i>ravenelli</i> , FL Ecotype	Marsh Rattlesnakemaster, FL Ecotype		264.00
<i>Eryngium yuccifolium</i>	Rattlesnakemaster	FAC/FAC/FAC+	272.80
<i>Eryngium yuccifolium</i> , OH, FL & IA Ecotype	Rattlesnakemaster, OH, FL, SC & IA Ecotype	FAC/FAC/FAC+	272.80
<i>Eschscholzia californica</i>	California Poppy		26.40
<i>Eupatorium coelestinum</i> , VA & FL Ecotype	Mistflower, VA & FL Ecotype	FAC/FAC/FAC+	140.80
<i>Eupatorium fistulosum</i> , PA & AL Ecotype	Joe Pye Weed, PA & AL Ecotype	FACW/FAC+/OBL	250.80
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	FACW/FACW-/OBL	264.00
<i>Eupatorium perfoliatum</i>	Boneset	FACW+/FACW+/FACW+	330.00
<i>Eupatorium perfoliatum</i> , FL Ecotype	Boneset, FL Ecotype	FACW+/FACW+/FACW+	198.00
<i>Eupatorium purpureum</i> , IA Ecotype	Purple Node Joe Pye Weed, IA Ecotype	FAC/FAC/FAC	264.00
<i>Eupatorium rugosum</i> ( <i>Ageratina altissima</i> )	White Snakeroot	FACU-/FACU-/FACU	264.00
<i>Euthamia graminifolia</i> ( <i>Solidago</i> g.)	Grassleaf Goldenrod	FAC/FACW/FACW-	462.00
<i>Festuca arundinacea</i> ( <i>F. elatior</i> )( <i>Lolium arundinaceum</i> )	Tall Fescue	FACU/FAC-/FACU+	See page 2
<i>Festuca brevipila</i>	Hard Fescue		See page 2
<i>Festuca elatior</i>	Meadow Fescue		4.18
<i>Festuca elatior x Lolium perenne</i>	Festulolium		1.87
<i>Festuca ovina</i>	Sheep Fescue		3.74
<i>Festuca ovina</i> var. <i>glauca</i> ( <i>F. arvernensis</i> )	Blue Fescue		4.13
<i>Festuca rubra</i>	Creeping Red Fescue	FACU/FACU+/FAC-	2.26
<i>Festuca rubra</i> ssp. <i>commutata</i>	Chewings Fescue	FACU/FACU+/FAC-	2.31
<i>Fraxinus americana</i>	White Ash	FACU/FACU/FACU	26.40
<i>Fraxinus pennsylvanica</i>	Green Ash	FACW/FACW/FACW	26.40
<i>Gaillardia aristata</i>	Perennial Gaillardia (Blanketflower)		35.20
<i>Gaillardia pulchella</i>	Annual Gaillardia (Indian Blanket)		33.00
<i>Geum canadense</i>	White Avens	FACU/FAC/FAC	176.00
<i>Geum macrophyllum</i>	Largeleaf Avens	FACW/NO/FACW+	176.00
<i>Glyceria canadensis</i>	Rattlesnake Grass	OBL/OBL/OBL	220.00
<i>Glyceria grandis</i>	American Mannagrass		198.00
<i>Glyceria striata</i> , PA Ecotype	Fowl Mannagrass, PA Ecotype	OBL/OBL/OBL	330.00
<i>Gypsophila elegans</i>	Annual Baby's Breath		6.60
<i>Hamamelis virginiana</i>	Witchhazel	FAC-/FACU/FACU	66.00
<i>Helianthus angustifolius</i> , MD, NC, & AL Ecotype	Swamp Sunflower, MD, NC, & AL Ecotype		66.00
<i>Helianthus annuus</i>	Common Sunflower	FAC-/FAC-/FAC-	30.80
<i>Helianthus giganteus</i> , PA Ecotype	Giant Sunflower, PA Ecotype	FACW/FACW/FACW	330.00
<i>Helianthus maximiliani</i>	Maximilian's Sunflower	UPL/UPL/UPL	39.60
<i>Helianthus radula</i> , FL Panhandle Ecotype	Rayless Sunflower, FL Panhandle Ecotype	NO/FACW-/NO	316.80
<i>Helianthus</i> spp.	Black Oil Sunflower		0.94
<i>Helenium autumnale</i> , PA & VA Ecotype	Common Sneezweed, PA & VA Ecotype	FACW+/FACW/FACW+	198.00
<i>Helenium flexuosum</i> , VA Ecotype	Purplehead Sneezweed, VA Ecotype		215.60
<i>Heliopsis helianthoides</i>	Oxeye Sunflower		39.60
<i>Hesperis matronalis</i>	Dames Rocket		17.60
<i>Hibiscus moscheutos</i> , DP DE/MD, VA, 'Suther'-P & CP NC Ecotype	Crimson-eyed Rosemallow, DP DE/MD, VA, 'Suther'-P & CP NC Ecotype	OBL/OBL/OBL	162.80
<i>Hypericum perforatum</i>	Common St. Johnswort		88.00
<i>Hypericum punctatum</i> , PA Ecotype	Spotted St. Johnswort, PA Ecotype		231.00
<i>Hypericum pyramidatum</i>	Great St. Johnswort	FAC/NO/FAC+	39.60

Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb
<i>Ilex verticillata</i>	Winterberry	FACW+/FACW/FACW+	118.80
<i>Iris versicolor</i>	Blueflag	OBL/OBL/OBL	220.00
<i>Iris virginica</i> var. <i>shrevei</i> , IA Ecotype	Shreve's Iris, IA Ecotype	OBL/OBL/OBL	154.00
<i>Juncus effusus</i> , 'Suther'-NC & FL Ecotype	Soft Rush, 'Suther'-NC & FL Ecotype	FACW+/FACW+/OBL	88.00
<i>Juncus effusus</i> , PA & NC Ecotype	Soft Rush, PA & NC Ecotype	FACW+/FACW+/OBL	44.00
<i>Juncus tenuis</i> , NC Ecotype	Path Rush, NC Ecotype	FAC-/FAC/FAC	72.60
<i>Juncus tenuis</i> , PA Ecotype	Path Rush, PA Ecotype	FAC-/FAC/FAC	72.60
<i>Koeleria macrantha</i>	Junegrass		66.00
<i>Kosteletzkya virginica</i> , MD Ecotype	Virginia Saltmarsh Mallow, MD Ecotype		396.00
<i>Lathyrus sylvestris</i> , 'Lathco'	Flat Pea, 'Lathco'		15.40
<i>Lathyrus tuberosus</i>	Tuberosa Sweetpea (Field Pea)		11.00
<i>Lavatera trimestris</i>	Tree Mallow		22.00
<i>Leersia oryzoides</i>	Rice Cutgrass	OBL/OBL/OBL	118.80
<i>Lespedeza bicolor</i>	Bicolor Lespedeza		8.80
<i>Lespedeza capitata</i> , PA & RI Ecotype	Roundhead Lespedeza, PA & RI Ecotype	FACU-/FACU/FACU	118.80
<i>Lespedeza cuneata</i>	Sericea Lespedeza		5.72
<i>Lespedeza frutescens</i> , MD Ecotype	Shrubby Bushclover, MD Ecotype		246.40
<i>Lespedeza stipulacea</i>	Korean Lespedeza	FACU/FACU-/FACU	2.75
<i>Lespedeza virginica</i> , VA & GA Ecotype	Slender Lespedeza, VA & GA Ecotype		198.00
<i>Liatris aspera</i>	Rough Blazing Star		440.00
<i>Liatris elegans</i> , GA Ecotype	Pinkscale Blazing Star, GA Ecotype		242.00
<i>Liatris garberi</i> , FL Ecotype	Garber's Blazing Star, FL Ecotype	NO/FACW/NO	308.00
<i>Liatris gracilis</i> , FL Ecotype	Slender Gayfeather, FL Ecotype	NO/FACU/NO	330.00
<i>Liatris graminifolia</i> (L. <i>pilosa</i> ), NC Ecotype	Grassleaf Blazing Star, NC Ecotype		242.00
<i>Liatris pycnostachya</i>	Prairie Blazing Star	FACU/FACU/FAC-	330.00
<i>Liatris spicata</i>	Marsh (Dense) Blazing Star	FAC+/FACU/FAC	231.00
<i>Liatris spicata</i> , FL Ecotype	Marsh (Dense) Blazing Star, FL Ecotype	FAC+/FACU/FAC	330.00
<i>Liatris spicata</i> , PA Ecotype	Marsh (Dense) Blazing Star, PA Ecotype	FAC+/FACU/FAC	231.00
<i>Liatris squarrosa</i> , VA Ecotype	Scaly Blazing Star, VA Ecotype		242.00
<i>Liatris squarrulosa</i> , NC Ecotype	Appalachian Blazing Star, NC Ecotype		316.80
<i>Liatris tenuifolia</i> , FL Panhandle Ecotype	Shortleaf Blazing Star, FL Panhandle Ecotype		440.00
<i>Lilium superbum</i>	Turk's Cap Lily	FACW+/FACW/NI	330.00
<i>Linaria maroccana</i>	Spurred Snapdragon		26.40
<i>Lindera benzoin</i>	Spicebush	FACW-/FACW/FACW-	57.20
<i>Linum grandiflorum rubrum</i>	Scarlet Flax		26.40
<i>Linum perenne</i>	Perennial Blue Flax		22.00
<i>Lobelia cardinalis</i>	Cardinalflower	FACW+/FACW+/OBL	616.00
<i>Lobelia puberula</i> , SC Ecotype	Downy Lobelia, SC Ecotype	FACW-/FACW-/FACW-	616.00
<i>Lobelia siphilitica</i>	Great Blue Lobelia	FACW+/OBL/FACW+	440.00
<i>Lobularia maritima</i>	Sweet Alyssum		26.40
<i>Lolium multiflorum</i> (L. <i>perenne</i> var. <i>italicum</i> )	Annual Ryegrass		0.99
<i>Lolium perenne</i>	Perennial Ryegrass (turf type)	FACU-/FACU/FACU	See page 2
<i>Ludwigia alternifolia</i>	Seedbox	FACW+/OBL/OBL	198.00
<i>Ludwigia liniaris</i> , SC Ecotype	Narrowleaf Primrose Willow, SC Ecotype	OBL/OBL/NO	286.00
<i>Ludwigia maritima</i> , NC Ecotype	Seaside Primrose Willow, NC Ecotype	NO/FACW/NO	286.00
<i>Lupinus polyphyllus</i>	Bigleaf Lupine		24.20
<i>Melilotus officinalis</i>	Yellow Blossom Sweetclover	FACU-/FACU-/FACU	1.98
<i>Mimulus ringens</i>	Square Stemmed Monkeyflower	OBL/OBL/OBL	286.00
<i>Monarda fistulosa</i> , FIG-PA & Midwestern U.S. Ecotype	Wild Bergamot, FIG-PA & Midwestern U.S. Ecotype	UPL/FACU-/FACU	132.00
<i>Monarda media</i> , PA Ecotype	Purple Bergamot, PA Ecotype		176.00
<i>Monarda punctata</i> , FL & SC Ecotype	Spotted Beebalm, FL & SC Ecotype	UPL/FAC/UPL	198.00
<i>Monarda punctata</i> , NY & MD Ecotype	Spotted Beebalm, NY & MD Ecotype	UPL/FAC/UPL	198.00

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Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb
<i>Muhlenbergia capillaris</i> , FL Ecotype	Hairawn Muhly, FL Ecotype	FACU-/FACU/FACU	396.00 PLS
<i>Nyssa sylvatica</i>	Blackgum	FAC/FAC/FAC	66.00
<i>Oenothera speciosa</i>	Showy Evening Primrose		55.00
<i>Onobrychis viciifolia</i>	Eski Sainfoin		4.18
<i>Onoclea sensibilis</i>	Sensitive Fern	FACW/FACW/FACW	118.80
<i>Panicum amarum</i> , VA Ecotype	Panicgrass, Coastal, 'Atlantic', VA Ecotype	FACU-/FAC/NO	11.00 PLS
<i>Panicum anceps</i> , MD, VA, SC, GA & FL Ecotype	Beaked Panicgrass, MD, VA, SC, GA & FL Ecotype	FAC/FAC-/FACW	19.80
<i>Panicum clandestinum</i> ( <i>Dichanthelium</i> c.), 'Tioga'	Deertongue, 'Tioga'	FAC+/FACW/FACW	19.80 PLS
<i>Panicum dichotomiflorum</i>	Smooth Panicgrass	FACW-/FACW/FACW-	19.80
<i>Panicum longifolium</i> ( <i>P. rigidulum</i> var. <i>pubescens</i> ), FL Ecotype	Longleaf Panicum, FL Ecotype	OBL/OBL/OBL	66.00
<i>Panicum miliaceum</i>	White Proso Millet		0.88
<i>Panicum rigidulum</i> ( <i>P. stipitatum</i> ), NC Ecotype	Redtop Panicgrass, NC Ecotype	FACW+/FACW/FACW	52.80
<i>Panicum rigidulum</i> ( <i>P. stipitatum</i> ), PA Ecotype	Redtop Panicgrass, PA Ecotype	FACW+/FACW/FACW	52.80
<i>Panicum virgatum</i>	Switchgrass (see Page 1 for cultivars & prices)	FAC/FAC+/FAC+	See Page 1 PLS
<i>Papaver rhoeas</i>	Corn Poppy, Red		26.40
<i>Papaver rhoeas</i>	Corn Poppy/Shirley Mix		26.40
<i>Parthenium integrifolium</i> , NC & Midwestern U.S. Ecotype	Wild Quinine, NC & Midwestern U.S. Ecotype		176.00
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	FACU/FAC/FAC-	198.00
<i>Paspalum floridanum</i> , 'Harrison'-TX Ecotype	Florida Paspalum (Beadgrass), 'Harrison'-TX Ecotype	FACW/FACW-/FACW	44.00 PLS
<i>Peltandra virginica</i> , PA Ecotype	Arrow Arum, PA Ecotype	OBL	11.00
<i>Penstemon australis</i> , 'Suther'-NC Ecotype	Eustis Lake Beardtongue, 'Suther'-NC Ecotype		308.00
<i>Penstemon digitalis</i>	Tall White Beardtongue	FAC/FAC/FAC-	176.00
<i>Penstemon hirsutus</i>	Hairy Beardtongue		440.00
<i>Penstemon laevigatus</i> , PA Ecotype	Appalachian Beardtongue, PA Ecotype	FACU/FAC/NI	308.00
<i>Penstemon laevigatus</i> , SC Ecotype	Appalachian Beardtongue, SC Ecotype	FACU/FAC/NI	308.00
<i>Penstemon multiflorus</i> , FL Ecotype	Manyflower Beardtongue, FL Ecotype		396.00
<i>Penthorum sedoides</i> , PA Ecotype	Ditch Stonecrop, PA Ecotype		264.00
<i>Physocarpus opulifolius</i> , PA Ecotype	Ninebark, PA Ecotype	FACW-/FAC-/FACW-	220.00
<i>Physostegia virginiana</i>	Obedient Plant	FAC+/FACW/FACW	704.00
<i>Platanus occidentalis</i>	American Sycamore	FACW-/FACW-/FACW	66.00
<i>Poa compressa</i>	Canada Bluegrass	FACU/FACU-/FACU+	5.78
<i>Poa palustris</i>	Fowl Bluegrass	FACW/FAC/FACW+	11.00
<i>Poa pratensis</i>	Kentucky Bluegrass	FACU/FACU+/FAC-	See page 2
<i>Poa trivialis</i>	Rough Bluegrass	FACW/FACW/FACW	4.40
<i>Polemonium reptans</i> , PA Ecotype	Greek Valerian (Jacob's Ladder), PA Ecotype	FACU/FAC/FAC	792.00
<i>Polygonum pennsylvanicum</i> , OH & Midwestern	PA Smartweed, OH & Midwestern Ecotype	FACW/FACW/FACW+	13.20
<i>Polygonum sagittatum</i>	Arrowleaf Tearthumb	OBL/OBL/OBL	70.40
<i>Pontederia cordata</i> , PA & Midwestern U.S. Ecotype	Pickernelweed, PA & Midwestern U.S. Ecotype	OBL/OBL/OBL	114.40
<i>Prunus americana</i>	American Plum	FACU-/FACU-/UPL	44.00
<i>Prunus serotina</i>	Wild Black Cherry	FACU/FACU/FACU	88.00
<i>Prunus virginiana</i>	Chokecherry	FACU/FACU/FAC-	66.00
<i>Puccinellia distans</i>	Alkaligrass	OBL/NO/OBL	5.50
<i>Pycnanthemum incanum</i> , MD Ecotype	Hoary Mountainmint, MD Ecotype		396.00
<i>Pycnanthemum muticum</i>	Bigleaf Mountainmint	FACW/FAC/FAC	220.00
<i>Pycnanthemum tenuifolium</i> , NC Ecotype	Narrowleaf Mountainmint, NC Ecotype	FACW/FAC-/FAC	440.00
<i>Pycnanthemum tenuifolium</i> , PA Ecotype	Narrowleaf Mountainmint, PA Ecotype	FACW/FAC-/FAC	154.00
<i>Pycnanthemum virginianum</i>	Virginia Mountainmint	FAC/FAC/FACW+	440.00
<i>Ratibida columnaris</i>	Red Prairie Coneflower (Mexican Red Hat)		35.20
<i>Ratibida columnifera</i>	Yellow Prairie Coneflower		39.60
<i>Ratibida pinnata</i> , AL Ecotype	Grey Headed Coneflower, AL Ecotype		132.00



Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb
<i>Ratibida pinnata</i> , OH & Midwestern U.S. Ecotype	Grey Headed Coneflower, OH & Midwestern U.S. Ecotype		96.80
<i>Rhus glabra</i>	Smooth Sumac		30.80
<i>Rhus typhina</i> ( <i>R. hirta</i> )	Staghorn Sumac		26.40
<i>Rhynchospora globularis</i> , NC Ecotype	Globe Beaksedge, NC Ecotype	FACW/FACW/FACW	176.00
<i>Robinia fertilis</i>	Bristly Locust		74.80
<i>Robinia pseudoacacia</i>	Black Locust	FACU-/UPL/FACU-	7.15
<i>Rosa carolina</i> , NC Ecotype	Pasture (Wild) Rose, NC Ecotype		189.20
<i>Rosa palustris</i>	Swamp Rose	OBL/OBL/OBL	132.00
<i>Rubus allegheniensis</i>	Common Blackberry	FACU-/UPL/FACU+	396.00
<i>Rudbeckia amplexicaulis</i>	Clasping Coneflower	NO/FAC/FACU-	26.40
<i>Rudbeckia fulgida</i> var. <i>fulgida</i> , VA Ecotype	Orange Coneflower, VA Ecotype	FAC/FAC+/OBL	330.00
<i>Rudbeckia hirta</i> , AL Ecotype	Blackeyed Susan, AL Ecotype	FACU-/FACU/FACU	132.00
<i>Rudbeckia hirta</i>	Blackeyed Susan	FACU-/FACU/FACU	22.00
<i>Rudbeckia mohrii</i> , FL Ecotype	Mohr's Coneflower, FL Ecotype	NO/FACW+/NO	231.00
<i>Rudbeckia nitida</i> , GA Ecotype	Shiny Coneflower, GA Ecotype		440.00
<i>Rudbeckia subtomentosa</i>	Sweet Blackeyed Susan	FAC/FAC+/FACU+	149.60
<i>Rudbeckia triloba</i>	Browneyed Susan	FACU/FACU-/FAC-	52.80
<i>Sagittaria latifolia</i> , PA & Midwestern U.S. Ecotype	Duck Potato (Arrowhead), PA & Midwestern U.S. Ecotype	OBL/OBL/OBL	330.00
<i>Sambucus canadensis</i>	Elderberry	FACW-/FACW-/FACW-	110.00
<i>Sambucus racemosa</i> , PA Ecotype	Red Elderberry, PA Ecotype		198.00
<i>Sangisorba canadensis</i> , PA Ecotype	Canadian Burnet, PA Ecotype	FACW+/FACW+/FACW+	330.00
<i>Saururus cernuus</i> , NC Ecotype	Lizard's Tail, NC Ecotype	OBL/OBL/OBL	352.00
<i>Schizachyrium scoparium</i> ( <i>Andropogon scoparius</i> )	Little Bluestem (see Page 1 for cultivars & prices)	FACU-/FACU/FACU-	See Page 1 PLS
<i>Scirpus acutus</i> ( <i>Schoenoplectus a.</i> ), PA Ecotype	Hardstem Bulrush, PA Ecotype	OBL/OBL/OBL	316.80
<i>Scirpus americanus</i> ( <i>S. pungens</i> )	Threesquare Bulrush	FACW+/OBL/NO	316.80
<i>Scirpus atrovirens</i> , PA Ecotype	Green Bulrush, PA Ecotype	OBL/OBL/OBL	132.00
<i>Scirpus cyperinus</i> , PA Ecotype	Woolgrass, PA Ecotype	FACW+/OBL/OBL	198.00
<i>Scirpus expansus</i> , PA Ecotype	Wood Bulrush, PA Ecotype		162.80
<i>Scirpus maritimus</i> ( <i>Schoenoplectus m.</i> ), Midwestern U.S. Ecotype	Alkali Bulrush, Midwestern U.S. Ecotype	OBL/NI/NI	33.00
<i>Scirpus pendulus</i> , PA Ecotype	Brown Bulrush, PA Ecotype	OBL/OBL/OBL	176.00
<i>Scirpus polyphyllus</i> , PA Ecotype	Many Leaved Bulrush, PA Ecotype	OBL/OBL/OBL	198.00
<i>Scirpus robustus</i> , MD Ecotype	Sturdy Bulrush, MD Ecotype		264.00
<i>Scirpus validus</i> ( <i>Schoenoplectus tabernaemontani</i> ), PA Ecotype	Softstem Bulrush, PA Ecotype	OBL/OBL/OBL	316.80
<i>Scutellaria incana</i> , PA Ecotype	Hoary Skullcap, PA Ecotype		704.00
<i>Senna hebecarpa</i> ( <i>Cassia h.</i> ), WV & VA Ecotype	Wild Senna, WV & VA Ecotype	FAC/FAC+/FACW	26.40
<i>Senna marilandica</i> ( <i>Cassia m.</i> )	Maryland Senna	FAC+/FAC/FACW	26.40
<i>Silene armeria</i>	Catchfly		26.40
<i>Silphium asteriscus</i> var. <i>angustatum</i> , SC & FL Ecotype	Starry Rosinweed, SC & FL Ecotype		198.00
<i>Silphium asteriscus</i> var. <i>laevicaule</i> , GA Ecotype	Starry Rosinweed, GA Ecotype		198.00
<i>Silphium integrifolium</i> , Midwestern U.S. Ecotype	Prairie Rosinweed, Midwestern U.S. Ecotype		198.00
<i>Silphium laciniatum</i>	Compassplant		264.00
<i>Silphium perfoliatum</i>	Cup Plant	FACU/FAC+/FACW-	66.00
<i>Silphium terebinthinaceum</i> , OH Ecotype	Prairie Dock, OH Ecotype	UPL/UPL/FACU	132.00
<i>Silphium trifoliatum</i> , PA Ecotype	Whorled Rosinweed, PA Ecotype		118.80
<i>Silphium trifoliatum</i> , VA Ecotype	Whorled Rosinweed, VA Ecotype		118.80
<i>Sisyrinchium angustifolium</i>	Narrowleaf Blue Eyed Grass	FACW-/FAC/FACW-	176.00
<i>Solidago bicolor</i> , PA Ecotype	White (Silver Rod) Goldenrod, PA Ecotype		374.00
<i>Solidago canadensis</i> , PA Ecotype	Canada Goldenrod, PA Ecotype	FACU/FACU/FACU	220.00
<i>Solidago juncea</i> , PA & VA Ecotype	Early Goldenrod, PA & VA Ecotype		308.00
<i>Solidago nemoralis</i> , PA & VA Ecotype	Gray Goldenrod, PA & VA Ecotype		396.00
<i>Solidago odora</i> , GA Ecotype	Licorice Scented Goldenrod, GA Ecotype		352.00

Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb
<i>Solidago odora</i> , PA Ecotype	Licorice Scented Goldenrod, PA Ecotype		352.00
<i>Solidago patula</i> , PA Ecotype	Roughleaf Goldenrod, PA Ecotype	OBL/OBL/OBL	396.00
<i>Solidago riddellii</i> ( <i>Oligoneuron r.</i> ), OH & Midwestern U.S. Ecotype	Riddell's Goldenrod, OH & Midwestern U.S. Ecotype	OBL/OBL/OBL	220.00
<i>Solidago rigida</i> ( <i>Oligoneuron rigidum</i> ), OH Ecotype	Stiff Goldenrod, OH Ecotype	UPL/FACU/FACU-	352.00
<i>Solidago rugosa</i> , PA Ecotype	Wrinkleleaf Goldenrod, PA Ecotype	FAC/FAC/FAC+	462.00
<i>Solidago speciosa</i> , WV & GA Ecotype	Showy Goldenrod, WV & GA Ecotype		242.00
<i>Sorghastrum elliotii</i> , NC Ecotype	Slender Indiangrass, NC Ecotype		79.20
<i>Sorghastrum nutans</i>	Indiangrass (see Page 1 for cultivars & prices)	UPL/FACU/FACU+	See Page 1 PLS
<i>Sorghastrum secundum</i> , FL Ecotype	Lopsided Indiangrass, FL Ecotype	NO/FACU-/NO	143.00
<i>Sparganium americanum</i> , PA & NC Ecotype	Eastern Bur Reed, PA & NC Ecotype	OBL/OBL/OBL	154.00
<i>Sparganium eurycarpum</i> , PA Ecotype	Giant Bur Reed, PA Ecotype	OBL/NO/OBL	88.00
<i>Spartina pectinata</i>	Prairie Cordgrass	OBL/OBL/FACW+	79.20 PLS
<i>Spiraea tomentosa</i> , PA Ecotype	Steeplebush, PA Ecotype	FACW/FACW/FACW	396.00
<i>Sporobolus asper</i>	Rough Dropseed	UPL/UPL/UPL	26.40 PLS
<i>Sporobolus cryptandrus</i>	Sand Dropseed	UPL/UPL/FACU-	11.00 PLS
<i>Sporobolus heterolepis</i>	Prairie Dropseed	UPL/UPL/FACU-	132.00 PLS
<i>Stipa viridula</i>	Green Needlegrass		19.80
<i>Thalictrum pubescens</i> ( <i>T. polygamum</i> ), PA Ecotype	Tall Meadow Rue, PA Ecotype	FACW+/FACW+/FAC	374.00
<i>Tradescantia ohiensis</i> , AL Ecotype	Ohio Spiderwort, AL Ecotype	FAC/FAC-/FACU+	330.00
<i>Tradescantia ohiensis</i> , PA & IA Ecotype	Ohio Spiderwort, PA & IA Ecotype	FAC/FAC-/FACU+	231.00
<i>Tradescantia subaspera</i> , VA Ecotype	Zigzag Spiderwort, VA Ecotype		88.00
<i>Tradescantia virginiana</i> , PA/VA Ecotype blend	Virginia Spiderwort, PA/VA Ecotype blend	FACU/FAC+/UPL	440.00
<i>Tridens flavus</i> , MO & FIG-PA Ecotype	Purpletop, MO & FIG-PA Ecotype	FACU/FACU/UPL	22.00 PLS
<i>Tridens flavus</i> , VA & 'Suther'-NC Ecotype	Purpletop, VA & 'Suther'-NC Ecotype	FACU/FACU/UPL	26.40 PLS
<i>Tripsacum dactyloides</i>	Eastern Gamagrass	FACW/FAC+/FAC+	17.60 PLS
<i>Typha angustifolia</i> , PA Ecotype	Narrowleaf Cattail, PA Ecotype	OBL/OBL/OBL	61.60
<i>Typha latifolia</i> , PA Ecotype	Broadleaf Cattail, PA Ecotype	OBL/OBL/OBL	52.80
<i>Urochloa ramosa</i> ( <i>Panicum ramosum</i> )	Brown Top Millet		0.99
<i>Veratrum viride</i> , PA Ecotype	False Hellebore, PA Ecotype	FACW+/FAC+/FACW+	176.00
<i>Verbena hastata</i> , PA Ecotype	Blue Vervain, PA Ecotype	FACW+/FAC/FACW+	35.20
<i>Verbena stricta</i>	Hoary Vervain		88.00
<i>Verbesina alternifolia</i> ( <i>Actinomeris a.</i> ), PA Ecotype	Wingstem, PA Ecotype	FAC/FAC/FACW	176.00
<i>Vernonia acaulis</i> , SC Ecotype	Stemless Ironweed, SC Ecotype		308.00
<i>Vernonia angustifolia</i> , SC Ecotype	Tall Ironweed, SC Ecotype		264.00
<i>Vernonia fasciculata</i>	Prairie Ironweed	FAC+/FACW/FACW	198.00
<i>Vernonia gigantea</i> ( <i>V. altissima</i> ), FL Ecotype	Giant Ironweed, FL Ecotype	FAC/FAC+/FAC	198.00 PLS
<i>Vernonia gigantea</i> ( <i>V. altissima</i> ), PA Ecotype	Giant Ironweed, PA Ecotype	FAC/FAC+/FAC	74.80
<i>Vernonia noveboracensis</i> , 'Suther'-NC Ecotype	New York Ironweed, 'Suther'-NC Ecotype	FACW+/FAC+/NI	242.00
<i>Vernonia noveboracensis</i> , PA Ecotype	New York Ironweed, PA Ecotype	FACW+/FAC+/NI	242.00
<i>Veronicastrum virginicum</i> , PA Ecotype	Culver's Root, PA Ecotype		704.00
<i>Viburnum dentatum</i> , PA Ecotype	Arrowwood, PA Ecotype	FAC/FAC/FAC	77.00
<i>Viburnum lentago</i> , PA Ecotype	Nannyberry, PA Ecotype	FAC/FAC/FAC+	83.60
<i>Viburnum nudum</i> var. <i>cassinoides</i> , PA Ecotype	Withe Rod, PA Ecotype	FACW/FACW/FACW	77.00
<i>Viburnum prunifolium</i> , PA Ecotype	Blackhaw, PA Ecotype	FACU/FACU/FACU	77.00
<i>Viburnum trilobum</i>	American Cranberry	FACW/NI/FACW	83.60
<i>Viola cornuta</i>	Johnny Jumpup		110.00
<i>Vitis</i> spp.	Wild Grape		101.20
<i>Zizania aquatica</i>	Wildrice	OBL/OBL/OBL	24.20
<i>Zizia aurea</i>	Golden Alexanders	FAC/FAC+/FAC+	264.00

## *Bioengineering and Wetland Shrub & Tree Planting Material*

The following species are available in the forms listed below. We will also custom make material. Call us with your specifications.

<i>Cephalanthus occidentalis</i> .....	Buttonbush	<i>Salix exigua ssp. interior</i> .....	Sandbar Willow
<i>Cornus amomum</i> .....	Silky Dogwood	<i>Salix lucida</i> .....	Shining Willow
<i>Cornus sericea (C. stolonifera)</i> ...	Redosier Dogwood	<i>Salix nigra</i> .....	Black Willow
<i>Physocarpus opulifolius</i> .....	Ninebark	<i>Salix purpurea</i> .....	Streamco Willow
<i>Platanus occidentalis</i> .....	American Sycamore	<i>Salix sericea</i> .....	Silky Willow
<i>Salix amygdaloides</i> .....	Peachleaf Willow	<i>Salix x cottetii</i> .....	'Bankers' Dwarf Willow
<i>Salix caroliniana</i> .....	Coastal Plain Willow	<i>Sambucus canadensis</i> .....	Elderberry
<i>Salix discolor</i> .....	Pussy Willow	<i>Viburnum dentatum</i> .....	Arrowwood

**Live Stakes** - ¼"-1" diameter stakes made from the above species. *Pilot holes are required in most installations.*

2' stakes .....	<b>\$0.70 each</b>
3' stakes .....	<b>\$1.00 each</b>
4' stakes .....	<b>\$1.30 each</b>

**Dead Stakes** - 1-¼"x 3-¼" x 2-½' long, wedge-like dead stakes ..... **\$0.95 each**

**Unrooted Cuttings** - ¾"-1" diameter, in 6"-12" lengths - cuttings of dormant, live sections of the above species suitable for sticking directly on-site for establishment of growing plants. They should be buried ⅔ of the length in the soil. Pilot hole may be required in some situations.

6" cuttings.....	<b>\$0.40 each</b>
12" cuttings.....	<b>\$0.60 each</b>

**Live Whips** - ¾"-1" diameter, in 4'-6' lengths - dormant, live sections of the above species suitable for burial into crib walls and riprap. They should be buried ⅔ of the length in the soil.

Buttonbush, Redosier Dogwood, or Black Willow	¾"-1" diameter.....	<b>\$0.60 per ft length</b>
Other species	¾"-1" diameter.....	<b>\$0.40 per ft length</b>

**Wattles and Fascines** - Cigar-shaped bundles of live brush made with two or more of the above species.

4"-5" diameter .....	<b>\$4.00 per lin ft</b>
6"-8" diameter .....	<b>\$5.60 per lin ft</b>
9"-12" diameter .....	<b>\$10.00 per lin ft</b>

**Brush or Branch Layering** - 3-4 branches thick, packed in bundles of two or more of the above species to plant into soil benches.

3' long branches, covers 3 lin ft of bench .....	<b>\$10.00 per bundle</b>
4' long branches, covers 3 lin ft of bench .....	<b>\$13.30 per bundle</b>
5' long branches, covers 3 lin ft of bench .....	<b>\$16.60 per bundle</b>
6' long branches, covers 3 lin ft of bench .....	<b>\$19.90 per bundle</b>

**Brush Mattresses** - ¼"-3" diameter by random length

1-2 branches thick.....	<b>\$1.70 per sq ft</b>
3-4 branches thick .....	<b>\$3.30 per sq ft</b>

**Posts** - Available in the following materials:

Peachleaf Willow, Sandbar Willow,	2"-4" diameter, up to 6' length .....	<b>\$2.20 per ft length</b>
American Sycamore	4"-6" diameter, up to 6' length .....	<b>\$3.30 per ft length</b>

**Wire-Tied Dead Wattles** 12" diameter ..... **\$16.50 per ft**

**Please Note:** All prices F.O.B. Meadville, PA. A 25% restocking fee applies to bioengineering order cancellations. Bioengineering orders shipped from May 1<sup>st</sup> through October 31<sup>st</sup> are not guaranteed and carry an additional 20% surcharge. Shipping and packaging fees (\$35 pallet fee) are additional.

For installation guides or more information, please call us - (800) 873-3321

**Plant Material: Rooted Cuttings and Plugs****Rooted Cuttings**8"-12" ..... **\$0.75 each***Cornus sericea* (*C. stolonifera*).....Redosier Dogwood*Salix nigra* .....Black Willow*Salix discolor* .....Pussy Willow*Salix purpurea* .....Streamco Willow*Salix exigua ssp. interior*.....Sandbar Willow*Salix sericea*.....Silky Willow*Salix myricoides*.....Broadleaf Willow*Salix x cottetii* .....‘Bankers’ Dwarf Willow

All prices F.O.B. Meadville, PA. Plants are subject to availability. Custom orders available upon request.

**Greenhouse and Field Grown Planting Material****‘Penngift’ Crownvetch (*Coronilla varia*)**

Plants are well-established 2-½” plugs growing in 72 cell trays ready for display or field planting. We ship them guaranteed to arrive in good condition. Available from March through November.

<u>Quantity</u>	<u>Price per plant</u>	<u>Recommended Spacings:</u>	<u>Minimum</u>	<u>Maximum</u>
72 - 504 .....	\$ 0.34	<b>Distance on center:</b>	18 in	2 ft
576 - 1,368.....	\$ 0.32	<b>Coverage per plant:</b>	2.25 sq ft	4 sq ft
1,440 - 2,376.....	\$ 0.31	<b>Plants per 1,000 sq ft:</b>	445	250
2,448 - 9,576.....	\$ 0.29			
9,648 and up .....	\$ 0.28			

**Crownvetch Combo Packs**

Crownvetch Seeding Mix (ERNMX-109) in a convenient 2 lb package for seeding up to 1,000 sq ft

Complete with directions and brochure for display and resale. .... **\$30.00 each****Crownvetch Seeding Mix (ERNMX-109) ..... please call for pricing****Pennsylvania Sedge (*Carex pensylvanica*)**

\*Please call for pricing and availability

A native understory sedge species found in upland, conifer, and hardwood forests of Eastern North America. In the absence of fire ecology, this plant is an infrequent seed producer, but reproduces slowly by short rhizomes. Plugs, in 72 cell trays, are available from Ernst Conservation Seeds.

All prices F.O.B. Meadville, PA. Plants are subject to availability. Custom orders available upon request.

**Ordering Information****Call:** (800) 873-3321: Monday through Friday, 8 a.m. to 5 p.m. Eastern Time.**Fax:** (814) 336-5191: Our fax machine is ready 24 hours a day. We will begin processing your order upon receipt.**Mail Us:** Please be sure to include your street address and phone number with all orders.**E-mail:** sales@ernstseed.com**Payment:** We accept VISA, MASTERCARD, DISCOVER, and AMERICAN EXPRESS. Check or money order payments can also be made when placing your order.**Shipping:** Orders are shipped freight prepaid and added, as applicable. Freight orders are subject to a palletizing and handling fee. Small orders are subject to additional handling fees, as applicable.**Returns:** Individual items and Ernst stock mixes are subject to a 10% restocking fee, and must be returned within 30 days. Custom mixes cannot be returned once the individual items are mixed. Plant material orders require a 25% non-refundable deposit. Cancelled bioengineering orders are subject to a 25% restocking fee. Contact the sales department for specific instructions and information.**Prices are subject to change without notice. Check www.ernstseed.com for current pricing and our catalog. Custom mixes are subject to a 5% mixing charge.**

## NOTES