



# ERNST SEEDS

## Wholesale Price List – Spring 2019

800-873-3321

### Warm Season Grasses

	Price/lb
<b>Big Bluestem (<i>Andropogon gerardii</i>)</b>	
APB-NY Ecotype .....	12.00 PLS
Long Island-NY Ecotype.....	12.00 PLS
'Niagara'-NY-NRCS Variety Release.....	12.00 PLS
'Prairie View'-IN Ecotype.....	12.00 PLS
'Southlow'-MI Ecotype.....	12.00 PLS
'Suther'-Piedmont NC Ecotype.....	18.00 PLS

### Little Bluestem (*Schizachyrium scoparium*)

'Aldous'-KS-NRCS Variety Release.....	16.00 PLS
APB-NY Ecotype.....	16.00 PLS
'Blaze' .....	16.00 PLS
'Camper'-NE & KS-NRCS Variety Release .....	16.00 PLS
Fort Indiantown Gap-PA Ecotype .....	16.00 PLS
'Itasca'-MN Ecotype .....	16.00 PLS
Long Island – NY Ecotype .....	16.00 PLS
'Prairie View'-IN Ecotype .....	16.00 PLS
NC Ecotype .....	20.00 PLS

### Indiangrass (*Sorghastrum nutans*)

GA Ecotype .....	12.00 PLS
Long Island-NY Ecotype.....	12.00 PLS
NC Ecotype .....	12.00 PLS
PA Ecotype.....	12.00 PLS
'Prairie View'-IN Ecotype.....	12.00 PLS
'Southlow'-MI Ecotype.....	12.00 PLS
'Suther'-Piedmont NC Ecotype.....	12.00 PLS
VA Ecotype.....	12.00 PLS

### Switchgrass (*Panicum virgatum*)

'Blackwell'-OK-NRCS Variety Release .....	10.00 PLS
'BoMaster'-NCSU Biomass Variety Release.....	12.00 PLS
'Carthage'-NC-NRCS Variety Release .....	6.00 PLS
'Cave-In-Rock'-IL-NRCS Variety Release .....	6.00 PLS
'Colony'-NCSU Biomass Variety Release.....	12.00 PLS
Long Island-NY Ecotype.....	12.00 PLS
NJ Ecotype .....	12.00 PLS
'Performer' .....	12.00 PLS
'Shawnee'-NE-NRCS, ARS Forage Variety Release .....	6.00 PLS
'Shelter'-NY&WV-NRCS Variety Release.....	6.00 PLS
Summer .....	12.00 PLS

### Native Grasses

	Price/lb
Bluejoint, Canada ( <i>Calamagrostis canadensis</i> ).....	600.00 PLS
Broomsedge ( <i>Andropogon virginicus</i> ) .....	80.00 PLS
Buffalograss, 'Texoka' ( <i>Buchloe dactyloides</i> ) .....	16.00 PLS
Deertongue, 'Tioga' ( <i>Panicum clandestinum</i> ) .....	18.00 PLS
Gamagrass, Eastern ( <i>Tripsacum dactyloides</i> ).....	16.00 PLS
Grama, Blue ( <i>Bouteloua gracilis</i> ) .....	10.00 PLS
Grama, Sideoats, 'Butte' ( <i>Bouteloua curtipendula</i> ) .....	10.00 PLS
Lovegrass, Sand ( <i>Eragrostis trichodes</i> ) .....	13.00 PLS
Oatgrass, Tall, 'Ruffner' ( <i>Arrhenatherum elatius</i> ).....	12.00
Panicgrass, Coastal, 'Atlantic', VA Ecotype ( <i>Panicum amarum</i> ).....	10.00PLS
Purpletop ( <i>Tridens flavus</i> ).....	20.00 PLS
Purpletop, FIG-PA Ecotype ( <i>Tridens flavus</i> ) .....	20.00 PLS
Purpletop, 'Suther'-NC Ecotype ( <i>Tridens flavus</i> ) .....	24.00 PLS
Purpletop, VA Ecotype ( <i>Tridens flavus</i> ) .....	24.00 PLS
Wheatgrass, Crested ( <i>Agropyron cristatum</i> ) .....	4.00
Wheatgrass, Intermediate ( <i>Agropyron intermedium</i> ) .....	3.25
Wheatgrass, Slender ( <i>Agropyron trachycaulum</i> ).....	3.80
Wheatgrass, Western ( <i>Agropyron smithii</i> ) .....	9.80
Wildrye, Canada ( <i>Elymus canadensis</i> ) .....	7.00 PLS
Wildrye, Riverbank, PA Ecotype ( <i>Elymus riparius</i> ) .....	8.00 PLS
Wildrye, Silky ( <i>Elymus villosus</i> ).....	60.00 PLS
Wildrye, Virginia, PA Ecotype ( <i>Elymus virginicus</i> ) .....	7.00 PLS
Wildrye, Virginia, GA and 'Suther'-NC Ecotype ( <i>Elymus virginicus</i> ).....	12.00 PLS

### Cover Crops & Wildlife Forage

	Price/lb
Brassica, Forage, Rape, 'Bonar' ( <i>Brassica napus</i> ).....	3.00
Brassica, Forage, Rape, 'Dwarf Essex' ( <i>Brassica napus</i> ) .....	1.30
Brassica, Forage, Rape, 'Rangiora' ( <i>Brassica napus</i> ).....	3.00
Brassica, Forage, 'Appin' Turnip ( <i>Brassica rapa</i> ).....	3.60
Brassica, Forage, 'Pasja' Hybrid Turnip ( <i>Brassica rapa</i> ) .....	3.50
Brassica, Forage, 'Vivant' Hybrid Turnip ( <i>Brassica rapa</i> ).....	3.50
Brassica, Forage, Purple Top Turnip ( <i>Brassica rapa</i> ).....	2.00
Buckwheat ( <i>Fagopyrum esculentum</i> ) (50 lb/bu) .....	40.00/bu
Burnet, Small ( <i>Sanguisorba minor</i> ).....	4.20
Camelina, 'Blaine Creek' ( <i>Camelina sativa</i> ).....	4.00
Camelina, 'Suneson' ( <i>Camelina sativa</i> ) .....	4.00
Canola, Winter, 'Wichita' ( <i>Brassica napus</i> ) .....	3.00
Chicory, Forage, 'Six Point' ( <i>Cichorium spp.</i> ).....	10.00
Dwarf Sorghum/Red Milo ( <i>Sorghum spp.</i> ) .....	0.50
Oats, 'Armor', Certified ( <i>Avena sativa</i> ) (64 lb/2 bu bag).....	14.00/bu
Oats, 'Ogle' ( <i>Avena sativa</i> ) (64 lb/2 bu bag).....	13.00/bu
Oats, VNS ( <i>Avena sativa</i> ) (64 lb/2 bu bag).....	13.00/bu
Radish, 'GroundHog' ( <i>Raphanus sativus</i> ).....	2.00
Rye, 'Aroostook', Certified ( <i>Secale cereale</i> ) (56 lb/bu).....	19.00/bu
Rye, 'Aroostook', Common ( <i>Secale cereale</i> ) (56 lb/bu).....	18.00/bu
Rye, Winter ( <i>Secale cereale</i> ) (56 lb/bu).....	17.00/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' .....	5.25
'Leo' .....	5.25
'Norcen' .....	5.25

Clover	Price/lb
Clover, Alsike ( <i>Trifolium hybridum</i> ) .....	3.25
Clover, Berseem ( <i>Trifolium alexandrinum</i> ) .....	2.75
Clover, Crimson ( <i>Trifolium incarnatum</i> ) .....	2.00
Clover, Red, Kenland ( <i>Trifolium pratense</i> ) .....	2.75
Clover, Red, Mammoth ( <i>Trifolium pratense</i> ) .....	2.60
Clover, Red, Medium ( <i>Trifolium pratense</i> ) .....	2.50
Clover, Red, Starfire ( <i>Trifolium pratense</i> ) .....	3.85
Clover, White, Dutch ( <i>Trifolium repens</i> ) .....	3.30
Clover, White, Kopu II ( <i>Trifolium repens</i> ) .....	5.00
Clover, White, Ladino ( <i>Trifolium repens</i> ) .....	3.30
Clover, New Zealand ( <i>Trifolium repens</i> ) .....	3.75

Native Legumes	Price/lb
False Indigo, Blue, PA & WV Ecotype ( <i>Baptisia australis</i> ) ..	80.00
Lespedeza, Roundhead, PA & RI Ecotype ( <i>Lespedeza capitata</i> ) .....	108.00
Lespedeza, Slender, VA & GA Ecotype ( <i>Lespedeza virginica</i> ) .....	180.00
Locust, Black ( <i>Robinia pseudoacacia</i> ) .....	6.50
Locust, Bristly ( <i>Robinia fertilis</i> ) .....	68.00
Pea, Partridge ( <i>Chamaecrista fasciculata</i> ) .....	7.00
Prairie Clover, Purple ( <i>Dalea purpurea</i> ) .....	54.00
Senna, Maryland ( <i>Senna marilandica</i> ) .....	24.00
Senna, Wild ( <i>Senna hebecarpa</i> ) .....	24.00
Ticktrefoil, Dillenius', 'Alcona'-MI Ecotype ( <i>Desmodium glabellum</i> ) .....	40.00
Ticktrefoil, Dixie, AL Ecotype ( <i>Desmodium tortuosum</i> ) .....	40.00
Ticktrefoil, Panicleleaf, PA Ecotype ( <i>Desmodium paniculatum</i> ) .....	40.00
Ticktrefoil, Panicleleaf, WI Ecotype ( <i>Desmodium paniculatum</i> ) .....	40.00
Ticktrefoil, Showy ( <i>Desmodium canadense</i> ) .....	40.00

Non-Native Legumes	Price/lb
Alfalfa, Vernal ( <i>Medicago sativa</i> ) .....	2.40
Crownvetch, 'Penngift' ( <i>Coronilla varia</i> ) .....	26.00
Flat Pea, 'Lathco' ( <i>Lathyrus sylvestris</i> ) .....	14.00
Lespedeza, Bicolor ( <i>Lespedeza bicolor</i> ) .....	8.00
Lespedeza, Korean ( <i>Lespedeza stipulacea</i> ) .....	2.50
Lespedeza, Serecia, Unhulled ( <i>Lespedeza cuneata</i> ) .....	5.20
Sweetclover, White Blossom ( <i>Melilotus alba</i> ) .....	4.00
Sweetclover, Yellow Blossom ( <i>Melilotus officinalis</i> ) .....	1.80
Sweetpea, Tuberosa (Field Pea) ( <i>Lathyrus tuberosus</i> ) .....	10.00
Vetch, Hairy ( <i>Vicia villosa</i> ) .....	2.60
Vetch, Hairy, 'Purple Bounty' ( <i>Vicia villosa</i> ) .....	3.60
Winter Pea, Austrian ( <i>Pisum arvense</i> ) .....	1.00

Kentucky Bluegrass ( <i>Poa pratensis</i> )	Price/lb
'Baron' .....	3.10
'Blue Angel' .....	3.10
'Shamrock' .....	3.10
'Slingshot' .....	3.10
'Troy' (pasture type) .....	2.95
'Volt' .....	3.10

Hard Fescue	Price/lb
'Beacon' ( <i>Festuca brevipila</i> ) .....	3.20
'Harpoon' .....	3.20
'Jetty' ( <i>Festuca ovina</i> var. <i>duriuscula</i> ) .....	3.20
'Chariot' .....	3.20

Tall Fescue ( <i>Festuca arundinacea</i> )	Price/lb
'Bronson' (pasture type) .....	2.00
'Fawn', Endophyte Free .....	1.90
'Raptor III' (turf type) .....	2.00
'Stingray' (turf type) .....	2.00
'Tombstone' (turf type) .....	2.00

Orchardgrass ( <i>Dactylis glomerata</i> )	Price/lb
'Amba' .....	3.75
'Potomac' .....	3.75
'Pennlate' .....	3.75
'Tekapo' .....	4.00

Perennial Ryegrass ( <i>Lolium perenne</i> )	Price/lb
'Amazing GS' (turf type) .....	1.85
'Black Cat II' (turf type) .....	1.85
'Crave' (tetraploid) .....	2.00
'Confetti III' (turf type) .....	1.85
'Fastball RGL' (turf type) .....	1.85
'Homerun' (turf type) .....	1.85
'Nobility' (turf type) .....	1.85
'Stellar 3GL' (turf type) .....	1.85
'Tetra Sweet' (tetraploid) .....	2.00

Miscellaneous Grasses	Price/lb
Alkaligrass, Salt Tolerant ( <i>Puccinellia distans</i> ) .....	5.00
Bentgrass, Colonial, 'Highland' ( <i>Agrostis tenuis</i> ) .....	5.00
Bentgrass, Creeping ( <i>Agrostis stolonifera</i> ) .....	12.00
Bluegrass, Canada ( <i>Poa compressa</i> ) .....	5.25
Bluegrass, Rough ( <i>Poa trivialis</i> ) .....	4.00
Brome, Smooth ( <i>Bromus inermis</i> ) .....	4.00
Fescue, Chewings ( <i>Festuca rubra</i> ssp. <i>commutata</i> ) .....	2.10
Fescue, Creeping Red ( <i>Festuca rubra</i> ) .....	2.05
Fescue, Creeping Red, 'Pennlawn' ( <i>Festuca rubra</i> ) .....	2.40
Fescue, Meadow ( <i>Festuca elatior</i> ) .....	3.80
Fescue, Sheep ( <i>Festuca ovina</i> ) .....	3.40
Fescue, Sheep, Blue ( <i>Festuca ovina</i> var. <i>glauca</i> ) .....	3.75
Festulolium, 'Duo' ( <i>Festuca elatior</i> x <i>Lolium perenne</i> ) .....	1.70
Foxtail, Creeping, 'Garrison' ( <i>Alopecurus arundinaceus</i> ) .....	10.00
Lovegrass, Weeping ( <i>Eragrostis curvula</i> ) .....	10.00 PLS
Millet, Brown Top ( <i>Urochloa ramosa</i> ) .....	0.90
Millet, Foxtail, German ( <i>Setaria italica</i> ) .....	1.00
Millet, Japanese ( <i>Echinochloa crusgalli</i> var. <i>frumentacea</i> ) .....	1.20
Redtop ( <i>Agrostis alba</i> ) .....	8.00
Ryegrass, Annual ( <i>Lolium multiflorum</i> ) .....	0.90
Timothy, 'Climax' ( <i>Phleum pratense</i> ) .....	1.20

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	40.00
<i>Acorus americanus</i>	Sweetflag		140.00
<i>Agastache foeniculum</i>	Anise (Lavender) Hyssop		172.00
<i>Agrimonia parviflora</i>	Small Flowered Agrimony	FAC/FAC/FAC+	100.00
<i>Agrostis alba (A. gigantea)</i>	Redtop	FACW/FACW/FACW	8.00
<i>Agrostis hyemalis, Piedmont NC Ecotype</i>	Winter Bentgrass, Piedmont NC Ecotype	FAC/FAC/FAC-	22.00
<i>Agrostis peremans, PA &amp; APB-NY Ecotype</i>	Autumn Bentgrass, PA & APB-NY Ecotype	FACU/FACU/FAC-	14.00
<i>Agrostis stolonifera</i>	Creeping Bentgrass	FACW/FACW/FACW	12.00
<i>Agrostis tenuis (A. capillaris)</i>	Colonial Bentgrass, 'Highland'		5.00
<i>Alisma subcordatum (A. plantago-aquatica)</i>	Mud Plantain (Water Plantain)	OBL/OBL/OBL	160.00
<i>Allium cernuum, OH Ecotype</i>	Nodding Onion, OH Ecotype		210.00
<i>Alopecurus arundinaceus (A. ventricosus)</i>	Creeping Foxtail	NO/NO/NO	10.00
<i>Amorpha canescens</i>	Leadplant		210.00
<i>Amorpha fruticosa</i>	River Locust (False Indigo)	FACW/FACW/FACW+	64.00
<i>Amorpha herbacea, NC Ecotype</i>	Clusterspike False Indigo, NC Ecotype	NO/FAC/NO	148.00
<i>Amsonia ciliata, SC Ecotype</i>	Fringed Bluestar		320.00
<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+	600.00 PLS
<i>Andropogon glomeratus var. glaucopsis, FL Ecotype</i>	Purple Bluestem, FL Ecotype		600.00 PLS
<i>Andropogon ternarius, FL Ecotype</i>	Splitbeard Bluestem, FL Ecotype	FACU/FACU/FACU	120.00 PLS
<i>Andropogon ternarius, MO Ecotype</i>	Splitbeard Bluestem, MO Ecotype	FACU/FACU/FACU	50.00 PLS
<i>Andropogon virginicus, MO Ecotype</i>	Broomsedge, MO Ecotype	FACU/FAC-/FAC-	80.00 PLS
<i>Anemone canadensis</i>	Canadian Anemone	FACW/FAC/FACW	380.00
<i>Anemone virginiana</i>	Thimbleweed		196.00
<i>Apocynum cannabinum</i>	Indianhemp	FACU/FAC-/FAC	320.00
<i>Aquilegia canadensis</i>	Eastern Columbine	FAC/FAC-	300.00
<i>Aralia spinosa</i>	Hercules' Club	FAC/FAC/FACW	64.00
<i>Aronia melanocarpa</i>	Black Chokeberry	FAC/FAC/FACW-	80.00
<i>Arrhenatherum elatius ssp. elatius, 'Ruffner'</i>	Tall Oatgrass, 'Ruffner'	FACU/FACU/FACU	12.00
<i>Asclepias incarnata, PA &amp; Midwestern U.S. Ecotype</i>	Swamp Milkweed, PA & Midwestern U.S. Ecotype	OBL/OBL/OBL	160.00
<i>Asclepias speciosa</i>	Showy Milkweed	NO/NI/FAC	108.00
<i>Asclepias syriaca</i>	Common Milkweed		196.00
<i>Asclepias tuberosa</i>	Butterfly Milkweed		280.00
<i>Aster divaricatus</i>	White Wood Aster		360.00
<i>Aster laevis (Symphyotrichum laeve)</i>	Smooth Blue Aster		360.00
<i>Aster lateriflorus</i>	Calico Aster	FACW-/FAC/FACW-	360.00
<i>Aster lowrieanus, PA Ecotype</i>	Lowrie's Blue Wood Aster		360.00
<i>Aster macrophyllus (Eurybia macrophylla)</i>	Bigleaf Aster		360.00
<i>Aster novae-angliae (Symphyotrichum n.)</i>	New England Aster	FACW-/FACW/FACW	360.00
<i>Aster novi-belgii, APB-NY Ecotype</i>	New York Aster, APB-NY Ecotype	FACW+/OBL/FACW	360.00
<i>Aster oblongifolius (Symphyotrichum oblongifolium)</i>	Aromatic Aster		360.00
<i>Aster patens, NC Ecotype</i>	Late Purple Aster, NC Ecotype		360.00
<i>Aster pilosus (Symphyotrichum pilosum)</i>	Heath Aster	UPL/FAC-/FACU+	360.00
<i>Aster prenanthoides (Symphyotrichum p.)</i>	Zigzag Aster	FAC/FAC/FAC	360.00
<i>Aster puniceus (Symphyotrichum puniceum)</i>	Purplestem Aster	OBL/OBL/OBL	360.00
<i>Aster sagittifolius (A. urophyllus)(Symphyotrichum urophyllum)</i>	Arrowleaf (Sagittate) Aster		360.00
<i>Aster spectabilis, NC Ecotype</i>	Showy Aster, NC Ecotype		240.00
<i>Aster umbellatus (Doellingeria umbellata)</i>	Flat Topped White Aster	FACW/FACW/FACW	360.00
<i>Astragalus canadensis</i>	Canadian Milkvetch	FAC/FAC/FAC+	80.00

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	200.00
<i>Baptisia albescens</i> , NC & SC Ecotype	Spiked Wild Indigo, NC & SC Ecotype		280.00
<i>Baptisia australis</i> , WV Ecotype	Blue False Indigo, WV Ecotype		80.00
<i>Baptisia pendula</i> , FL Ecotype	Largeleaf Wild Indigo, FL Ecotype		160.00
<i>Baptisia perfoliata</i> , SC Ecotype	Catbells, SC Ecotype		280.00
<i>Baptisia tinctoria</i>	Yellow False Indigo (Horseflyweed)		600.00
<i>Bidens aristosa</i> , NC Ecotype	Showy Tickseed Sunflower (Bur Marigold), NC Ecotype	FACW-/FACW/FACW	18.00
<i>Bidens cernua</i> , PA & Midwestern U.S. Ecotype	Nodding Bur Marigold, PA & Midwestern U.S. Ecotype	OBL/OBL/OBL	160.00
<i>Bidens frondosa</i> , PA & Midwestern U.S. Ecotype	Beggartick, PA & Midwestern U.S. Ecotype	FACW/FACW/FACW	160.00
<i>Bidens mitis</i> , FL Ecotype	Smallfruit Beggartick, FL Ecotype	OBL/OBL/NO	80.00
<i>Blephilia ciliata</i> , NC Ecotype	Downy Pagoda Plant, NC Ecotype		720.00
<i>Boltonia asteroides</i>	False Aster	FACW/FACW/FACW	140.00
<i>Boltonia asteroides</i> , FL	White Doll's Daisy, FL	FACW/FACW/FACW	40.00
<i>Bouteloua curtipendula</i>	Sideoats Grama		10.00 PLS
<i>Bouteloua gracilis</i>	Blue Grama		10.00 PLS
<i>Bromus inermis</i>	Smooth Brome		5.00
<i>Buchloe dactyloides</i> (Bulbilis d.), 'Texoka'	Buffalograss, 'Texoka'	NO/FACU-/FACU-	16.00 PLS
<i>Calamagrostis canadensis</i>	Canada Bluejoint	FACW+/OBL/OBL	600.00 PLS
<i>Camelina sativa</i>	Camelina	UPL/FACU/FAC-	4.00
<i>Carex albolutescens</i> , NC Ecotype	Greenwhite Sedge, NC Ecotype	FACW/FAC+/FACW	72.00
<i>Carex comosa</i>	Cosmos (Bristly) Sedge	OBL/OBL/OBL	180.00
<i>Carex crinita</i>	Fringed (Nodding) Sedge	OBL/FACW+/FACW+	180.00
<i>Carex folliculata</i>	Northern Long Sedge		160.00
<i>Carex frankii</i>	Frank's Sedge	OBL/OBL/OBL	40.00
<i>Carex glaucescens</i> , NC Ecotype	Southern Waxy Sedge, NC Ecotype	OBL/OBL/NO	240.00
<i>Carex granularis</i> var. <i>haleana</i>	Openfield Sedge	FACU/ FACW+/FACW+	108.00
<i>Carex grayi</i>	Gray's Sedge	FACW+/FACW/FACW+	108.00
<i>Carex gynandra</i>	Nodding Sedge		180.00
<i>Carex intumescens</i>	Bladder (Star) Sedge	FACW+/FACW/FACW+	128.00
<i>Carex lupulina</i> , MD & NC Ecotype	Hop Sedge, MD & NC Ecotype	OBL/OBL/OBL	88.00
<i>Carex lupulina</i> , PA Ecotype	Hop Sedge, PA Ecotype	OBL/OBL/OBL	72.00
<i>Carex lurida</i>	Lurid (Shallow) Sedge	OBL/OBL/OBL	64.00
<i>Carex lurida</i> , NC Ecotype	Lurid (Shallow) Sedge, NC Ecotype	OBL/OBL/OBL	64.00
<i>Carex pensylvanica</i> , PA Ecotype	Pennsylvania Sedge, PA Ecotype		Available in plugs only
<i>Carex scoparia</i>	Blunt Broom Sedge	FACW/FACW/FACW	72.00
<i>Carex squarrosa</i> , PA Ecotype	Squarrose Sedge, PA Ecotype	FACW/FACW/OBL	96.00
<i>Carex squarrosa</i> , VA Ecotype	Squarrose Sedge, VA Ecotype	FACW/FACW/OBL	96.00
<i>Carex stipata</i>	Awl Sedge	OBL/OBL/OBL	196.00
<i>Carex stricta</i>	Tussock Sedge	OBL/OBL/OBL	480.00
<i>Carex vulpinoidea</i>	Fox Sedge	OBL/OBL/OBL	24.00
<i>Carpinus caroliniana</i>	Hornbeam (Blue Beech) (Musclewood)	FAC/FAC/FAC	66.00
<i>Carya ovata</i>	Shagbark Hickory	FACU-/FACU/FACU	9.00
<i>Centaurea cyanus</i>	Cornflower (Bachelor's Button)		10.00
<i>Cephalanthus occidentalis</i>	Buttonbush	OBL/OBL/OBL	68.00
<i>Cercis canadensis</i>	Eastern Redbud	FACU-/FACU/FACU	48.00
<i>Chamaecrista fasciculata</i> (Cassia f.)	Partridge Pea	FACU/FACU/FACU-	7.00
<i>Chamaecrista fasciculata</i> , FL Ecotype	Partridge Pea, FL Ecotype	FACU/FACU/FACU-	10.00
<i>Chamaecrista nictitans</i> , NC Ecotype	Sensitive Pea, NC Ecotype	FACU-/FACU/FACU-	60.00
<i>Chasmanthium latifolium</i> (Uniola latifolia), MO Ecotype	River Oats, MO Ecotype	FACU/FAC-/FACW	80.00
<i>Chasmanthium laxum</i> (Uniola laxa), NC Ecotype	Slender Woodoats, NC Ecotype	FAC/FACW-/FACW	92.00
<i>Cheiranthus allionii</i> (Erysimum cheiri)	Wallflower		12.00

Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb
<i>Chelone glabra</i>	Turtlehead	OBL/OBL/OBL	600.00
<i>Chrysanthemum leucanthemum</i>	Oxeye Daisy		28.00
<i>Chrysanthemum maximum</i>	Shasta Daisy		32.00
<i>Cichorium intybus</i>	Blue Chicory		16.00
<i>Cimicifuga racemosa</i>	Black Cohosh (Black Snakeroot) (Black Bugbane)		360.00
<i>Cinna arundinacea</i>	Wood Reedgrass	FAC+/FACW/FACW	120.00
<i>Clarkia elegans</i>	Clarkia		24.00
<i>Clematis virginiana, PA &amp; Midwestern U.S. Ecotype</i>	Virgin's Bower, PA & Midwestern U.S. Ecotype	FAC/FAC+/FAC	210.00
<i>Coreopsis basalis, FL Ecotype</i>	Goldenmane Tickseed, FL Ecotype		28.00
<i>Coreopsis grandiflora, GA Ecotype</i>	Largeflower Tickseed, GA Ecotype		18.00
<i>Coreopsis lanceolata</i>	Lanceleaf Coreopsis	FACU/UPL/FACU	24.00
<i>Coreopsis leavenworthii, FL Ecotype</i>	Leavenworth's Tickseed, FL Ecotype	NO/FACW/NO	280.00
<i>Coreopsis major, AL Ecotype</i>	Greater Tickseed, AL Ecotype		300.00
<i>Coreopsis tinctoria</i>	Plains Coreopsis	FAC-/FAC/FAC-	16.00
<i>Coreopsis tripteris, AL, OH &amp; PA Ecotype</i>	Tall Coreopsis, AL, OH & PA Ecotype	FAC/FAC/FAC	280.00
<i>Coreopsis verticillata, SC &amp; VA Ecotype</i>	Whorled (Threadleaf) Tickseed, SC & VA Ecotype		400.00
<i>Cornus alternifolia</i>	Pagoda Dogwood		80.00
<i>Cornus amomum</i>	Silky Dogwood	FACW/FACW+/FACW+	68.00
<i>Cornus florida</i>	Flowering Dogwood	FACU-/FACU/FACU-	48.00
<i>Cornus racemosa</i>	Gray Dogwood		72.00
<i>Cornus sericea (C. stolonifera)</i>	Redosier Dogwood	FACW+/NO/FACW+	72.00
<i>Cosmos bipinnatus</i>	Cosmos	FACU-/FAC/FACW-	14.00
<i>Cosmos sulphureus</i>	Sulphur Cosmos		14.00
<i>Cyperus esculentus</i>	Chufa (Nutsedge)	FACW/FAC/FACW	3.20
<i>Dalea candida</i>	White Prairie Clover		96.00
<i>Dalea purpurea (Petalostemon purpureum)</i>	Purple Prairie Clover		54.00
<i>Daucus carota</i>	Queen Anne's Lace		80.00
<i>Delphinium ajacis</i>	Rocket Larkspur		24.00
<i>Deschampsia cespitosa</i>	Tufted Hairgrass	FACW/FACW/FACW+	22.00
<i>Desmanthus illinoensis, Midwestern U.S. Ecotype</i>	Illinois Bundleflower, Midwestern U.S. Ecotype	FAC/FAC/FAC-	16.00
<i>Desmodium canadense</i>	Showy Ticktrefoil	FAC/FAC-/FAC-	40.00
<i>Desmodium glabellum, 'Alcona'-MI Ecotype</i>	Dillenius' Ticktrefoil, 'Alcona'-MI Ecotype		40.00
<i>Desmodium paniculatum, PA &amp; WI Ecotype</i>	Panicledleaf Ticktrefoil, PA & WI Ecotype		40.00
<i>Desmodium tortuosum, AL Ecotype</i>	Dixie Ticktrefoil, AL Ecotype		40.00
<i>Dianthus barbatus</i>	Sweetwilliam		20.00
<i>Echinacea pallida</i>	Pale Purple Coneflower		84.00
<i>Echinacea purpurea</i>	Purple Coneflower		36.00
<i>Echinochloa crusgalli var. frumentacea</i>	Japanese Millet	FACU/FACW-/FACW	1.20
<i>Echinochloa muricata</i>	Barnyard Grass		20.00
<i>Echinochloa muricata, PA Ecotype</i>	Barnyard Grass, PA Ecotype		32.00
<i>Eleocharis palustris</i>	Creeping Spikerush	OBL/OBL/OBL	90.00
<i>Elephantopus elatus, FL Ecotype</i>	Tall Elephantsfoot, FL Ecotype		240.00
<i>Elymus canadensis</i>	Canada Wildrye	FACU+/FAC/FAC-	7.00 PLS
<i>Elymus hystrix (Hystrix patula), PA &amp; Midwestern</i>	Bottlebrush Grass, PA & Midwestern Ecotype		180.00 PLS
<i>Elymus riparius, PA Ecotype</i>	Riverbank Wildrye, PA Ecotype	FACW/FACW/FACW	8.00 PLS
<i>Elymus villosus</i>	Silky Wildrye		60.00 PLS
<i>Elymus virginicus, PA Ecotype</i>	Virginia Wildrye, PA Ecotype	FACW-/FAC/FACW-	7.00 PLS
<i>Elymus virginicus, GA and 'Suther'-NC Ecotype</i>	Virginia Wildrye, GA, 'Suther'-NC Ecotype	FACW-/FAC/FACW-	12.00 PLS
<i>Eragrostis curvula</i>	Weeping Lovegrass		10.00 PLS
<i>Eragrostis elliottii, FL Ecotype</i>	Field Lovegrass, FL Ecotype	NO/FACW/NO	360.00

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	136.00	PLS
<i>Eragrostis spectabilis</i> , FL Ecotype	Purple Lovegrass, FL Ecotype	UPL/FACU/UPL	180.00	PLS
<i>Eragrostis trichodes</i>	Sand Lovegrass		13.00	PLS
<i>Erianthus contortus</i> , VA & NC Ecotype	Shortbeard Plumegrass, VA & NC Ecotype		60.00	PLS
<i>Eriophorum virginicum</i>	Tawny Cottongrass	OBL/OBL/OBL	260.00	
<i>Eryngium aquaticum</i> var. <i>aquaticum</i> , SC Ecotype	Marsh Rattlesnakemaster, SC Ecotype		360.00	
<i>Eryngium aquaticum</i> var. <i>ravenelli</i> , FL Ecotype	Marsh Rattlesnakemaster, FL Ecotype		240.00	
<i>Eryngium yuccifolium</i>	Rattlesnakemaster	FAC/FAC/FAC+	248.00	
<i>Eryngium yuccifolium</i> , OH, FL & IA Ecotype	Rattlesnakemaster, OH, FL, SC & IA Ecotype	FAC/FAC/FAC+	248.00	
<i>Eschscholzia californica</i>	California Poppy		24.00	
<i>Eupatorium coelestinum</i> , VA & FL Ecotype	Mistflower, VA & FL Ecotype	FAC/FAC/FAC+	128.00	
<i>Eupatorium fistulosum</i> , PA & AL Ecotype	Joe Pye Weed, PA & AL Ecotype	FACW/FAC+/OBL	228.00	
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed	FACW/FACW-/OBL	240.00	
<i>Eupatorium perfoliatum</i>	Boneset	FACW+/FACW+/FACW+	300.00	
<i>Eupatorium perfoliatum</i> , FL Ecotype	Boneset, FL Ecotype	FACW+/FACW+/FACW+	180.00	
<i>Eupatorium purpureum</i> , IA Ecotype	Purple Node Joe Pye Weed, IA Ecotype	FAC/FAC/FAC	240.00	
<i>Eupatorium rugosum</i> ( <i>Ageratina altissima</i> )	White Snakeroot	FACU-/FACU-/FACU	240.00	
<i>Euthamia graminifolia</i> ( <i>Solidago</i> g.)	Grassleaf Goldenrod	FAC/FACW/FACW-	420.00	
<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		3.80	
<i>Festuca elatior</i> x <i>Lolium perenne</i>	Festulolium		1.70	
<i>Festuca ovina</i>	Sheep Fescue		3.40	
<i>Festuca ovina</i> var. <i>glauca</i> ( <i>F. arvernensis</i> )	Blue Fescue		3.75	
<i>Festuca rubra</i>	Creeping Red Fescue	FACU/FACU+/FAC-	2.05	
<i>Festuca rubra</i> ssp. <i>commutata</i>	Chewings Fescue	FACU/FACU+/FAC-	2.10	
<i>Fraxinus americana</i>	White Ash	FACU/FACU/FACU	24.00	
<i>Fraxinus pennsylvanica</i>	Green Ash	FACW/FACW/FACW	24.00	
<i>Gaillardia aristata</i>	Perennial Gaillardia (Blanketflower)		32.00	
<i>Gaillardia pulchella</i>	Annual Gaillardia (Indian Blanket)		30.00	
<i>Geum canadense</i>	White Avens	FACU/FAC/FAC	160.00	
<i>Geum macrophyllum</i>	Largeleaf Avens	FACW/NO/FACW+	160.00	
<i>Glyceria canadensis</i>	Rattlesnake Grass	OBL/OBL/OBL	200.00	
<i>Glyceria grandis</i>	American Mannagrass		180.00	
<i>Glyceria striata</i> , PA Ecotype	Fowl Mannagrass, PA Ecotype	OBL/OBL/OBL	300.00	
<i>Gypsophila elegans</i>	Annual Baby's Breath		6.00	
<i>Hamamelis virginiana</i>	Witchhazel	FAC-/FACU/FACU	60.00	
<i>Helianthus angustifolius</i> , MD, NC, & AL Ecotype	Swamp Sunflower, MD, NC, & AL Ecotype		60.00	
<i>Helianthus annuus</i>	Common Sunflower	FAC-/FAC-/FAC-	28.00	
<i>Helianthus giganteus</i> , PA Ecotype	Giant Sunflower, PA Ecotype	FACW/FACW/FACW	300.00	
<i>Helianthus maximiliani</i>	Maximilian's Sunflower	UPL/UPL/UPL	36.00	
<i>Helianthus radula</i> , FL Panhandle Ecotype	Rayless Sunflower, FL Panhandle Ecotype	NO/FACW-/NO	288.00	
<i>Helianthus</i> spp.	Black Oil Sunflower		0.85	
<i>Helenium autumnale</i> , PA & VA Ecotype	Common Sneezweed, PA & VA Ecotype	FACW+/FACW/FACW+	180.00	
<i>Helenium flexuosum</i> , VA Ecotype	Purplehead Sneezweed, VA Ecotype		196.00	
<i>Heliopsis helianthoides</i>	Oxeye Sunflower		36.00	
<i>Hesperis matronalis</i>	Dames Rocket		16.00	
<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	148.00	
<i>Hypericum perforatum</i>	Common St. Johnswort		80.00	
<i>Hypericum punctatum</i> , PA Ecotype	Spotted St. Johnswort, PA Ecotype		210.00	
<i>Hypericum pyramidatum</i>	Great St. Johnswort	FAC/NO/FAC+	36.00	

Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb
<i>Ilex verticillata</i>	Winterberry	FACW+/FACW/FACW+	108.00
<i>Iris versicolor</i>	Blueflag	OBL/OBL/OBL	200.00
<i>Iris virginica</i> var. <i>shrevei</i> , IA Ecotype	Shreve's Iris, IA Ecotype	OBL/OBL/OBL	140.00
<i>Juncus effusus</i> , 'Suther'-NC & FL Ecotype	Soft Rush, 'Suther'-NC & FL Ecotype	FACW+/FACW+/OBL	80.00
<i>Juncus effusus</i> , PA & NC Ecotype	Soft Rush, PA & NC Ecotype	FACW+/FACW+/OBL	40.00
<i>Juncus tenuis</i> , NC Ecotype	Path Rush, NC Ecotype	FAC-/FAC/FAC	66.00
<i>Juncus tenuis</i> , PA Ecotype	Path Rush, PA Ecotype	FAC-/FAC/FAC	66.00
<i>Koeleria macrantha</i>	Junegrass		60.00
<i>Kosteletzkya virginica</i> , MD Ecotype	Virginia Saltmarsh Mallow, MD Ecotype		360.00
<i>Lathyrus sylvestris</i> , 'Lathco'	Flat Pea, 'Lathco'		14.00
<i>Lathyrus tuberosus</i>	Tuberosa Sweetpea (Field Pea)		10.00
<i>Lavatera trimestris</i>	Tree Mallow		20.00
<i>Leersia oryzoides</i>	Rice Cutgrass	OBL/OBL/OBL	108.00
<i>Lespedeza bicolor</i>	Bicolor Lespedeza		8.00
<i>Lespedeza capitata</i> , PA & RI Ecotype	Roundhead Lespedeza, PA & RI Ecotype	FACU-/FACU/FACU	108.00
<i>Lespedeza cuneata</i>	Sericea Lespedeza		5.20
<i>Lespedeza frutescens</i> , MD Ecotype	Shrubby Bushclover, MD Ecotype		224.00
<i>Lespedeza stipulacea</i>	Korean Lespedeza	FACU/FACU-/FACU	2.50
<i>Lespedeza virginica</i> , VA & GA Ecotype	Slender Lespedeza, VA & GA Ecotype		180.00
<i>Liatris aspera</i>	Rough Blazing Star		400.00
<i>Liatris elegans</i> , GA Ecotype	Pinkscale Blazing Star, GA Ecotype		220.00
<i>Liatris garberi</i> , FL Ecotype	Garber's Blazing Star, FL Ecotype	NO/FACW/NO	280.00
<i>Liatris gracilis</i> , FL Ecotype	Slender Gayfeather, FL Ecotype	NO/FACU/NO	300.00
<i>Liatris graminifolia</i> (L. <i>pilosa</i> ), NC Ecotype	Grassleaf Blazing Star, NC Ecotype		220.00
<i>Liatris pycnostachya</i>	Prairie Blazing Star	FACU/FACU/FAC-	300.00
<i>Liatris spicata</i>	Marsh (Dense) Blazing Star	FAC+/FACU/FAC	210.00
<i>Liatris spicata</i> , FL Ecotype	Marsh (Dense) Blazing Star, FL Ecotype	FAC+/FACU/FAC	300.00
<i>Liatris spicata</i> , PA Ecotype	Marsh (Dense) Blazing Star, PA Ecotype	FAC+/FACU/FAC	210.00
<i>Liatris squarrosa</i> , VA Ecotype	Scaly Blazing Star, VA Ecotype		220.00
<i>Liatris squarrulosa</i> , NC Ecotype	Appalachian Blazing Star, NC Ecotype		288.00
<i>Liatris tenuifolia</i> , FL Panhandle Ecotype	Shortleaf Blazing Star, FL Panhandle Ecotype		400.00
<i>Lilium superbum</i>	Turk's Cap Lily	FACW+/FACW/NI	300.00
<i>Linaria maroccana</i>	Spurred Snapdragon		24.00
<i>Lindera benzoin</i>	Spicebush	FACW-/FACW/FACW-	52.00
<i>Linum grandiflorum rubrum</i>	Scarlet Flax		24.00
<i>Linum perenne</i>	Perennial Blue Flax		20.00
<i>Lobelia cardinalis</i>	Cardinalflower	FACW+/FACW+/OBL	560.00
<i>Lobelia puberula</i> , SC Ecotype	Downy Lobelia, SC Ecotype	FACW-/FACW-/FACW-	560.00
<i>Lobelia siphilitica</i>	Great Blue Lobelia	FACW+/OBL/FACW+	400.00
<i>Lobularia maritima</i>	Sweet Alyssum		24.00
<i>Lolium multiflorum</i> (L. <i>perenne</i> var. <i>italicum</i> )	Annual Ryegrass		0.90
<i>Lolium perenne</i>	Perennial Ryegrass (turf type)	FACU-/FACU/FACU	See page 2
<i>Ludwigia alternifolia</i>	Seedbox	FACW+/OBL/OBL	180.00
<i>Ludwigia liniaris</i> , SC Ecotype	Narrowleaf Primrose Willow, SC Ecotype	OBL/OBL/NO	260.00
<i>Ludwigia maritima</i> , NC Ecotype	Seaside Primrose Willow, NC Ecotype	NO/FACW/NO	260.00
<i>Lupinus polyphyllus</i>	Bigleaf Lupine		22.00
<i>Melilotus officinalis</i>	Yellow Blossom Sweetclover	FACU-/FACU-/FACU	1.80
<i>Mimulus ringens</i>	Square Stemmed Monkeyflower	OBL/OBL/OBL	260.00
<i>Monarda fistulosa</i> , FIG-PA & Midwestern U.S. Ecotype	Wild Bergamot, FIG-PA & Midwestern U.S. Ecotype	UPL/FACU-/FACU	120.00
<i>Monarda media</i> , PA Ecotype	Purple Bergamot, PA Ecotype		160.00
<i>Monarda punctata</i> , FL & SC Ecotype	Spotted Beebalm, FL & SC Ecotype	UPL/FAC/UPL	180.00
<i>Monarda punctata</i> , NY & MD Ecotype	Spotted Beebalm, NY & MD Ecotype	UPL/FAC/UPL	180.00

Indicator Regions: Region 1 Northeast: CT, DE, KY, MA, MD, ME, NH, NJ, NY, OH, PA, RI, VA, VT, WV; Region 2 Southeast: AL, AR, FL, GA, LA, MS, NC, SC, TN; Region 3 North Central: IA, IL, IN, MI, MN, MO, WI; Wetland Indicators: OBL=Obligate wetland species; FACW=Facultative wetland species; FAC=Facultative species; FACU=Facultative upland species; UPL=Upland species; NO=No occurrence; NI=No indicator

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	360.00	PLS
<i>Nyssa sylvatica</i>	Blackgum	FAC/FAC/FAC	60.00	
<i>Oenothera speciosa</i>	Showy Evening Primrose		50.00	
<i>Onobrychis viciifolia</i>	Eski Sainfoin		3.80	
<i>Onoclea sensibilis</i>	Sensitive Fern	FACW/FACW/FACW	108.00	
<i>Panicum amarum</i> , VA Ecotype	Panicgrass, Coastal, 'Atlantic', VA Ecotype	FACU-/FAC/NO	10.00	PLS
<i>Panicum anceps</i> , MD, VA, SC, GA & FL Ecotype	Beaked Panicgrass, MD, VA, SC, GA & FL Ecotype	FAC/FAC-/FACW	18.00	
<i>Panicum clandestinum</i> ( <i>Dichantherium</i> c.), 'Tioga'	Deertongue, 'Tioga'	FAC+/FACW/FACW	18.00	PLS
<i>Panicum dichotomiflorum</i>	Smooth Panicgrass	FACW-/FACW/FACW-	18.00	
<i>Panicum longifolium</i> ( <i>P. rigidulum</i> var. <i>pubescens</i> ), FL Ecotype	Longleaf Panicum, FL Ecotype	OBL/OBL/OBL	60.00	
<i>Panicum miliaceum</i>	White Proso Millet		0.80	
<i>Panicum rigidulum</i> ( <i>P. stipitatum</i> ), NC Ecotype	Redtop Panicgrass, NC Ecotype	FACW+/FACW/FACW	48.00	
<i>Panicum rigidulum</i> ( <i>P. stipitatum</i> ), PA Ecotype	Redtop Panicgrass, PA Ecotype	FACW+/FACW/FACW	48.00	
<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		24.00	
<i>Papaver rhoeas</i>	Corn Poppy/Shirley Mix		24.00	
<i>Parthenium integrifolium</i> , NC & Midwestern U.S. Ecotype	Wild Quinine, NC & Midwestern U.S. Ecotype		160.00	
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	FACU/FAC/FAC-	180.00	
<i>Paspalum floridanum</i> , 'Harrison'-TX Ecotype	Florida Paspalum (Beadgrass), 'Harrison'-TX Ecotype	FACW/FACW-/FACW	40.00	PLS
<i>Peltandra virginica</i> , PA Ecotype	Arrow Arum, PA Ecotype	OBL	10.00	
<i>Penstemon australis</i> , 'Suther'-NC Ecotype	Eustis Lake Beardtongue, 'Suther'-NC Ecotype		280.00	
<i>Penstemon digitalis</i>	Tall White Beardtongue	FAC/FAC/FAC-	160.00	
<i>Penstemon hirsutus</i>	Hairy Beardtongue		400.00	
<i>Penstemon laevigatus</i> , PA Ecotype	Appalachian Beardtongue, PA Ecotype	FACU/FAC/NI	280.00	
<i>Penstemon laevigatus</i> , SC Ecotype	Appalachian Beardtongue, SC Ecotype	FACU/FAC/NI	280.00	
<i>Penstemon multiflorus</i> , FL Ecotype	Manyflower Beardtongue, FL Ecotype		360.00	
<i>Penthorum sedoides</i> , PA Ecotype	Ditch Stonecrop, PA Ecotype		240.00	
<i>Physocarpus opulifolius</i> , PA Ecotype	Ninebark, PA Ecotype	FACW-/FAC-/FACW-	200.00	
<i>Physostegia virginiana</i>	Obedient Plant	FAC+/FACW/FACW	640.00	
<i>Platanus occidentalis</i>	American Sycamore	FACW-/FACW-/FACW	60.00	
<i>Poa compressa</i>	Canada Bluegrass	FACU/FACU-/FACU+	5.25	
<i>Poa palustris</i>	Fowl Bluegrass	FACW/FAC/FACW+	10.00	
<i>Poa pratensis</i>	Kentucky Bluegrass	FACU/FACU+/FAC-	See page 2	
<i>Poa trivialis</i>	Rough Bluegrass	FACW/FACW/FACW	4.00	
<i>Polemonium reptans</i> , PA Ecotype	Greek Valerian (Jacob's Ladder), PA Ecotype	FACU/FAC/FAC	720.00	
<i>Polygonum pennsylvanicum</i> , OH & Midwestern	PA Smartweed, OH & Midwestern Ecotype	FACW/FACW/FACW+	12.00	
<i>Polygonum sagittatum</i>	Arrowleaf Tearthumb	OBL/OBL/OBL	64.00	
<i>Pontederia cordata</i> , PA & Midwestern U.S. Ecotype	Pickernelweed, PA & Midwestern U.S. Ecotype	OBL/OBL/OBL	104.00	
<i>Prunus americana</i>	American Plum	FACU-/FACU-/UPL	40.00	
<i>Prunus serotina</i>	Wild Black Cherry	FACU/FACU/FACU	80.00	
<i>Prunus virginiana</i>	Chokecherry	FACU/FACU/FAC-	60.00	
<i>Puccinellia distans</i>	Alkaligrass	OBL/NO/OBL	5.00	
<i>Pycnanthemum incanum</i> , MD Ecotype	Hoary Mountainmint, MD Ecotype		360.00	
<i>Pycnanthemum muticum</i>	Bigleaf Mountainmint	FACW/FAC/FAC	200.00	
<i>Pycnanthemum tenuifolium</i> , NC Ecotype	Narrowleaf Mountainmint, NC Ecotype	FACW/FAC-/FAC	400.00	
<i>Pycnanthemum tenuifolium</i> , PA Ecotype	Narrowleaf Mountainmint, PA Ecotype	FACW/FAC-/FAC	140.00	
<i>Pycnanthemum virginianum</i>	Virginia Mountainmint	FAC/FAC/FACW+	400.00	
<i>Ratibida columnaris</i>	Red Prairie Coneflower (Mexican Red Hat)		32.00	
<i>Ratibida columnifera</i>	Yellow Prairie Coneflower		36.00	
<i>Ratibida pinnata</i> , AL Ecotype	Grey Headed Coneflower, AL Ecotype		120.00	



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		88.00
<i>Rhus glabra</i>	Smooth Sumac		28.00
<i>Rhus typhina</i> ( <i>R. hirta</i> )	Staghorn Sumac		24.00
<i>Rhynchospora globularis</i> , NC Ecotype	Globe Beaksedge, NC Ecotype	FACW/FACW/FACW	160.00
<i>Robinia fertilis</i>	Bristly Locust		68.00
<i>Robinia pseudoacacia</i>	Black Locust	FACU-/UPL/FACU-	6.50
<i>Rosa carolina</i> , NC Ecotype	Pasture (Wild) Rose, NC Ecotype		172.00
<i>Rosa palustris</i>	Swamp Rose	OBL/OBL/OBL	120.00
<i>Rubus allegheniensis</i>	Common Blackberry	FACU-/UPL/FACU+	360.00
<i>Rudbeckia amplexicaulis</i>	Clasping Coneflower	NO/FAC/FACU-	24.00
<i>Rudbeckia fulgida</i> var. <i>fulgida</i> , VA Ecotype	Orange Coneflower, VA Ecotype	FAC/FAC+/OBL	300.00
<i>Rudbeckia hirta</i> , AL Ecotype	Blackeyed Susan, AL Ecotype	FACU-/FACU/FACU	120.00
<i>Rudbeckia hirta</i>	Blackeyed Susan	FACU-/FACU/FACU	20.00
<i>Rudbeckia mohrii</i> , FL Ecotype	Mohr's Coneflower, FL Ecotype	NO/FACW+/NO	210.00
<i>Rudbeckia nitida</i> , GA Ecotype	Shiny Coneflower, GA Ecotype		400.00
<i>Rudbeckia subtomentosa</i>	Sweet Blackeyed Susan	FAC/FAC+/FACU+	136.00
<i>Rudbeckia triloba</i>	Browneyed Susan	FACU/FACU-/FACU-	48.00
<i>Sagittaria latifolia</i> , PA & Midwestern U.S. Ecotype	Duck Potato (Arrowhead), PA & Midwestern U.S. Ecotype	OBL/OBL/OBL	300.00
<i>Sambucus canadensis</i>	Elderberry	FACW-/FACW-/FACW-	100.00
<i>Sambucus racemosa</i> , PA Ecotype	Red Elderberry, PA Ecotype		180.00
<i>Sangisorba canadensis</i> , PA Ecotype	Canadian Burnet, PA Ecotype	FACW+/FACW+/FACW+	300.00
<i>Saururus cernuus</i> , NC Ecotype	Lizard's Tail, NC Ecotype	OBL/OBL/OBL	320.00
<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	288.00
<i>Scirpus americanus</i> ( <i>S. pungens</i> )	Threesquare Bulrush	FACW+/OBL/NO	280.00
<i>Scirpus atrovirens</i> , PA Ecotype	Green Bulrush, PA Ecotype	OBL/OBL/OBL	120.00
<i>Scirpus cyperinus</i> , PA Ecotype	Woolgrass, PA Ecotype	FACW+/OBL/OBL	180.00
<i>Scirpus expansus</i> , PA Ecotype	Wood Bulrush, PA Ecotype		148.00
<i>Scirpus maritimus</i> ( <i>Schoenoplectus m.</i> ), Midwestern U.S. Ecotype	Alkali Bulrush, Midwestern U.S. Ecotype	OBL/NI/NI	30.00
<i>Scirpus pendulus</i> , PA Ecotype	Brown Bulrush, PA Ecotype	OBL/OBL/OBL	160.00
<i>Scirpus polyphyllus</i> , PA Ecotype	Many Leaved Bulrush, PA Ecotype	OBL/OBL/OBL	180.00
<i>Scirpus robustus</i> , MD Ecotype	Sturdy Bulrush, MD Ecotype		240.00
<i>Scirpus validus</i> ( <i>Schoenoplectus tabernaemontani</i> ), PA Ecotype	Softstem Bulrush, PA Ecotype	OBL/OBL/OBL	288.00
<i>Scutellaria incana</i> , PA Ecotype	Hoary Skullcap, PA Ecotype		640.00
<i>Senna hebecarpa</i> ( <i>Cassia h.</i> ), WV & VA Ecotype	Wild Senna, WV & VA Ecotype	FAC/FAC+/FACW	24.00
<i>Senna marilandica</i> ( <i>Cassia m.</i> )	Maryland Senna	FAC+/FAC/FACW	24.00
<i>Silene armeria</i>	Catchfly		24.00
<i>Silphium asteriscus</i> var. <i>angustatum</i> , SC & FL Ecotype	Starry Rosinweed, SC & FL Ecotype		180.00
<i>Silphium asteriscus</i> var. <i>laevicaule</i> , GA Ecotype	Starry Rosinweed, GA Ecotype		180.00
<i>Silphium integrifolium</i> , Midwestern U.S. Ecotype	Prairie Rosinweed, Midwestern U.S. Ecotype		180.00
<i>Silphium laciniatum</i>	Compassplant		240.00
<i>Silphium perfoliatum</i>	Cup Plant	FACU/FAC+/FACW-	60.00
<i>Silphium terebinthinaceum</i> , OH Ecotype	Prairie Dock, OH Ecotype	UPL/UPL/FACU	120.00
<i>Silphium trifoliatum</i> , PA Ecotype	Whorled Rosinweed, PA Ecotype		108.00
<i>Silphium trifoliatum</i> , VA Ecotype	Whorled Rosinweed, VA Ecotype		108.00
<i>Sisyrinchium angustifolium</i>	Narrowleaf Blue Eyed Grass	FACW-/FAC/FACW-	160.00
<i>Solidago bicolor</i> , PA Ecotype	White (Silver Rod) Goldenrod, PA Ecotype		340.00
<i>Solidago canadensis</i> , PA Ecotype	Canada Goldenrod, PA Ecotype	FACU/FACU/FACU	200.00
<i>Solidago juncea</i> , PA & VA Ecotype	Early Goldenrod, PA & VA Ecotype		280.00
<i>Solidago nemoralis</i> , PA & VA Ecotype	Gray Goldenrod, PA & VA Ecotype		360.00
<i>Solidago odora</i> , GA Ecotype	Licorice Scented Goldenrod, GA Ecotype		320.00

Botanical Name	Common Name	Reg 1 / Reg 2 / Reg 3	Price per lb
<i>Solidago odora, PA Ecotype</i>	Licorice Scented Goldenrod, PA Ecotype		320.00
<i>Solidago patula, PA Ecotype</i>	Roughleaf Goldenrod, PA Ecotype	OBL/OBL/OBL	360.00
<i>Solidago riddellii (Oligoneuron r.), OH &amp; Midwestern U.S. Ecotype</i>	Riddell's Goldenrod, OH & Midwestern U.S. Ecotype	OBL/OBL/OBL	200.00
<i>Solidago rigida (Oligoneuron rigidum), OH Ecotype</i>	Stiff Goldenrod, OH Ecotype	UPL/FACU/FACU-	320.00
<i>Solidago rugosa, PA Ecotype</i>	Wrinkleleaf Goldenrod, PA Ecotype	FAC/FAC/FAC+	420.00
<i>Solidago speciosa, WV &amp; GA Ecotype</i>	Showy Goldenrod, WV & GA Ecotype		220.00
<i>Sorghastrum elliottii, NC Ecotype</i>	Slender Indiangrass, NC Ecotype		72.00
<i>Sorghastrum nutans</i>	Indiangrass (see Page 1 for cultivars & prices)	UPL/FACU/FACU+	See Page 1 PLS
<i>Sorghastrum secundum, FL Ecotype</i>	Lopsided Indiangrass, FL Ecotype	NO/FACU-/NO	130.00
<i>Sparganium americanum, PA &amp; NC Ecotype</i>	Eastern Bur Reed, PA & NC Ecotype	OBL/OBL/OBL	140.00
<i>Sparganium eurycarpum, PA Ecotype</i>	Giant Bur Reed, PA Ecotype	OBL/NO/OBL	80.00
<i>Spartina pectinata</i>	Prairie Cordgrass	OBL/OBL/FACW+	72.00 PLS
<i>Spiraea tomentosa, PA Ecotype</i>	Steeplebush, PA Ecotype	FACW/FACW/FACW	600.00
<i>Sporobolus asper</i>	Rough Dropseed	UPL/UPL/UPL	24.00 PLS
<i>Sporobolus cryptandrus</i>	Sand Dropseed	UPL/UPL/FACU-	10.00 PLS
<i>Sporobolus heterolepis</i>	Prairie Dropseed	UPL/UPL/FACU-	120.00 PLS
<i>Stipa viridula</i>	Green Needlegrass		18.00
<i>Thalictrum pubescens (T. polygamum), PA Ecotype</i>	Tall Meadow Rue, PA Ecotype	FACW+/FACW+/FAC	340.00
<i>Tradescantia ohiensis, AL Ecotype</i>	Ohio Spiderwort, AL Ecotype	FAC/FAC-/FACU+	300.00
<i>Tradescantia ohiensis, PA &amp; IA Ecotype</i>	Ohio Spiderwort, PA & IA Ecotype	FAC/FAC-/FACU+	210.00
<i>Tradescantia subaspera, VA Ecotype</i>	Zigzag Spiderwort, VA Ecotype		80.00
<i>Tradescantia virginiana, PA/VA Ecotype blend</i>	Virginia Spiderwort, PA/VA Ecotype blend	FACU/FAC+/UPL	400.00
<i>Tridens flavus, MO &amp; FIG-PA Ecotype</i>	Purpletop, MO & FIG-PA Ecotype	FACU/FACU/UPL	20.00 PLS
<i>Tridens flavus, VA &amp; 'Suther'-NC Ecotype</i>	Purpletop, VA & 'Suther'-NC Ecotype	FACU/FACU/UPL	24.00 PLS
<i>Tripsacum dactyloides</i>	Eastern Gamagrass	FACW/FAC+/FAC+	16.00 PLS
<i>Typha angustifolia, PA Ecotype</i>	Narrowleaf Cattail, PA Ecotype	OBL/OBL/OBL	56.00
<i>Typha latifolia, PA Ecotype</i>	Broadleaf Cattail, PA Ecotype	OBL/OBL/OBL	48.00
<i>Urochloa ramosa (Panicum ramosum)</i>	Brown Top Millet		0.90
<i>Veratrum viride, PA Ecotype</i>	False Hellebore, PA Ecotype	FACW+/FAC+/FACW+	160.00
<i>Verbena hastata, PA Ecotype</i>	Blue Vervain, PA Ecotype	FACW+/FAC/FACW+	32.00
<i>Verbena stricta</i>	Hoary Vervain		80.00
<i>Verbesina alternifolia (Actinomeris a.), PA Ecotype</i>	Wingstem, PA Ecotype	FAC/FAC/FACW	160.00
<i>Vernonia acaulis, SC Ecotype</i>	Stemless Ironweed, SC Ecotype		280.00
<i>Vernonia angustifolia, SC Ecotype</i>	Tall Ironweed, SC Ecotype		240.00
<i>Vernonia fasciculata</i>	Prairie Ironweed	FAC+/FACW/FACW	180.00
<i>Vernonia gigantea (V. altissima), FL Ecotype</i>	Giant Ironweed, FL Ecotype	FAC/FAC+/FAC	180.00 PLS
<i>Vernonia gigantea (V. altissima), PA Ecotype</i>	Giant Ironweed, PA Ecotype	FAC/FAC+/FAC	68.00
<i>Vernonia noveboracensis, 'Suther'-NC Ecotype</i>	New York Ironweed, 'Suther'-NC Ecotype	FACW+/FAC+/NI	220.00
<i>Vernonia noveboracensis, PA Ecotype</i>	New York Ironweed, PA Ecotype	FACW+/FAC+/NI	220.00
<i>Veronicastrum virginicum, PA Ecotype</i>	Culver's Root, PA Ecotype		640.00
<i>Viburnum dentatum, PA Ecotype</i>	Arrowwood, PA Ecotype	FAC/FAC/FAC	70.00
<i>Viburnum lentago, PA Ecotype</i>	Nannyberry, PA Ecotype	FAC/FAC/FAC+	76.00
<i>Viburnum nudum var. cassinoides, PA Ecotype</i>	Withe Rod, PA Ecotype	FACW/FACW/FACW	70.00
<i>Viburnum prunifolium, PA Ecotype</i>	Blackhaw, PA Ecotype	FACU/FACU/FACU	70.00
<i>Viburnum trilobum</i>	American Cranberry	FACW/NI/FACW	76.00
<i>Viola cornuta</i>	Johnny Jumpup		100.00
<i>Vitis spp.</i>	Wild Grape		92.00
<i>Zizania aquatica</i>	Wildrice	OBL/OBL/OBL	22.00
<i>Zizia aurea</i>	Golden Alexanders	FAC/FAC+/FAC+	240.00

## *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