

*Savanna Open Woods Spring 2010*



**Tallgrass Mesic Prairie Savanna Seed Mix**

**Genesis Nursery, Inc. Tampico, IL**

**Illinois Permit # 3669**

**PLS where applicable**

A mix for open grown hardwoods, with patchwork full sun and shade with a grassy understory. This mix will also work in new tree plantings in full sun.

Species	lb/ac
Agrostis perennans Upland Bent Grass	1.000
Andropogon gerardii Big Bluestem	2.000
Andropogon scoparius (Schizachyrium s.) Little Bluestem	2.000
Asclepias syriaca Common Milkweed	0.063
Aster drummondii (Symphyotrichum d.) Drummond's Aster	0.063
Aster sagittifolius (Symphyotrichum urophyllum) Arrow-Leafed Aster	0.063
Aster shortii (Symphyotrichum s.) Short's Aster	0.063
Bromus latiglumis (B. altissimus) Ear-Leafed Brome	0.063
Baptisia leucantha (B. alba macrophylla) White Indigo	0.063
Carex bicknellii Bicknell's Oval Sedge	0.188
Carex species Woodland sedge species	0.063
Ceanothus americanus New Jersey Tea	0.031
Coreopsis tripteris Tall Coreopsis	0.094
Desmodium canadense Showy Tick Trefoil	0.094
Diarrhena americana Beak Grass	0.031
Elymus canadensis Canada Wild Rye	2.000
Elymus villosus Silky Wild Rye	0.125
Elymus virginicus Virginia Wild Rye	4.000
Eupatorium altissimum Tall Boneset	0.031
Eupatorium rugosum (Ageratina altissima) White Snake Root	0.031
Gaura biennis Biennial Gaura	0.031
Glyceria striata Fowl Manna Grass	0.063
Heliopsis helianthoides Early Sunflower	0.125
Hystrix patula (Elymus h.) Bottlebrush Grass	0.063
Juncus Species Rush Species	0.125
Monarda fistulosa Bergamot	0.094
Oenothera biennis Evening Primrose	0.063
Panicum virgatum Prairie Switch Grass	0.500

Polygonatum canaliculatum Smooth Solomon's Seal	0.031
Pycnanthemum tenuifolium Slender Mt Mint	0.031
Pycnanthemum virginianum Common Mt Mint	0.063
Rudbeckia hirta Black Eyed Susan	0.125
Rudbeckia subtomentosa Sweet Coneflower	0.125
Rudbeckia triloba Brown Eyed Susan	0.063
Solidago graminifolia (Euthamia g.) Grass-leaved Goldenrod	0.063
Solidago juncea Early Goldenrod	0.015
Solidago rigida (Oligoneuron r.) Stiff Goldenrod	0.063
Solidago ulmifolia Elm-Leafed Goldenrod	0.188
Sorghastrum nutans Indian Grass	2.000
Tradescantia ohiensis Ohio Spiderwort	0.046
Vernonia missurica Missouri Ironweed	0.046
Zizia aurea Golden Alexander	0.063
v112109	
total	16.051

All items subject to availability. Mix composition may vary seasonally.

**Dry Mesic Savanna Open Woods Grasses Mix**

**Genesis Nursery, Inc. Tampico IL**

**Illinois Permit # 3669**

**PLS where applicable**

Not for de novo tree plantings! A mix of grass and grass-like plants for average soil to slightly dry soil, open woodlands or woodland edges. Must have filtered sunlight or shade with several hours of direct sunlight every day. Many species will not persist or perform well in full sun or deep shade. Best dormant seeded.

Species	lb/ac
Agrostis perennans Upland Bent Grass	0.250
Andropogon scoparius (Schizachyrium s.) Little Bluestem	1.000
Bouteloua curtipendula Side Oats Gramma	2.000
Bromus latiglumis (B. altissimus) Ear-Leafed Brome	0.250
Carex species Woodland sedge species	0.062
Diarrhena americana Beak Grass	0.031
Elymus canadensis Canada Wild Rye	1.000
Elymus villosus Silky Wild Rye	0.125
Elymus virginicus Virginia Wild Rye	2.000
Festuca obtusa (F. subverticillata) Nodding Fescue	0.250
Glyceria striata Fowl Manna Grass	0.062
Hystrix patula (Elymus h.) Bottlebrush Grass	0.062
Juncus Species Rush Species	0.062
v071809	
total	7.154
permanent matrix	7.154

All items subject to availability. Mix composition may vary seasonally.

**Dry Mesic Savanna Open Woods with Flowers Mix**

**Genesis Nursery, Inc. Tampico IL**

**Illinois Permit # 3669**

**PLS where applicable**

Not for de novo tree plantings! A grass, sedge, rush, and forb seed mix for open woodlands or woodland edges. Must have filtered sunlight or shade with several hours of direct sunlight every day. Many species will not persist or perform well in full sun or deep shade. Best dormant seeded.

Species	lb/ac
Agastache nepetoides Yellow Giant Hyssop	0.016
Agastache scrophulariaefolia Purple Giant Hyssop	0.016
Agrostis perennans Upland Bent Grass	0.031
Anemone virginiana Tall Anemone	0.031
Aquilegia canadensis Columbine	0.006
Aster drummondii (Symphyotrichum d.) Drummond's Aster	0.063
Aster lateriflorus (Symphyotrichum lateriflorum) Calico Aster	0.031
Aster sagittifolius (Symphyotrichum urophyllum) Arrow-Leafed Aster	0.062
Aster shortii (Symphyotrichum s.) Short's Aster	0.188
Baptisia leucantha (B. alba macrophylla) White Indigo	0.125
Bromus latiglumis (B. altissimus) Ear-Leafed Brome	0.250
Campanula americana Tall Bellflower	0.006
Carex species Woodland sedge species	0.062
Clematis virginiana Virgin's Bower	0.031
Diarrhena americana Beak Grass	0.031
Echinacea purpurea Purple Coneflower	1.000
Elymus canadensis Canada Wild Rye	1.000
Elymus villosus Silky Wild Rye	3.000
Elymus virginicus Virginia Wild Rye	2.000
Eupatorium purpureum (Eutrochium p.) Purple Joe Pye Weed	0.031
Festuca obtusa (F. subverticillata) Nodding Fescue	0.250
Glyceria striata Fowl Manna Grass	0.062
Hypericum pyramidatum Great St. John'swort	0.016
Hystrix patula (Elymus h.) Bottlebrush Grass	0.062
Juncus Species Rush Species	0.062
Lobelia siphilitica Great Blue Lobelia	0.016
Penstemon digitalis Foxglove Beardtongue	0.125
Polygonatum canaliculatum Smooth Solomon's Seal	0.016
Pycnanthemum pilosum Hairy Mt. Mint	0.016
Pycnanthemum tenuifolium Slender Mt mint	0.094
Ratibida pinnata Yellow Coneflower	0.188
Rosa blanda Early Wild Rose	0.015
Rudbeckia hirta Black-eyed Susan	0.250
Rudbeckia triloba Brown-eyed Susan	0.063
Silphium integrifolium Rosin Weed	0.125
Silphium perfoliatum Cup Plant	0.125
Smilacina racemosa Feathery False Solomon's Seal	0.006

Solidago juncea Early Goldenrod	0.094
Solidago ulmifolia Elm-Leafed Goldenrod	0.188
Teucrium canadense Germander	0.062
Tradescantia ohiensis Ohio Spiderwort	0.016
Verbena hastata Blue Vervain	0.063
Verbena urticifolia White Vervain	0.063
Veronicastrum virginicum Culver's Physic	0.031
Zizia aurea Golden Alexander	0.062
v112109	
total	10.050
permanent matrix	10.050

All items subject to availability. Mix composition may vary seasonally.

**Lo Pro Dry Mesic Savanna Open Woods Grass Mix**

**Genesis Nursery, Inc. Tampico IL**

**Illinois Permit # 3669**

**PLS where applicable**

Not for de novo tree plantings! A mix of shorter grasses, sedges, and rushes, for open woodlands or woodland edges. Must have filtered sunlight or shade with several hours of direct sunlight every day. Many species will not persist or perform well in full sun or deep shade. Dormant seed.

Species	lb/ac
Agrostis perennans Upland Bent Grass	0.125
Bromus latiglumis (altissimus) Ear-Leafed Brome	0.125
Carex brevior "Shorter" Sedge	0.125
Carex species Woodland sedge species	0.063
Diarrhena americana Beak Grass	0.031
Elymus canadensis Canada Wild Rye	1.000
Elymus villosus Silky Wild Rye	2.000
Elymus virginicus Virginia Wild Rye	2.000
Festuca obtusa (F. subverticillata) Nodding Fescue	0.250
Glyceria striata Fowl Manna Grass	0.063
Hystrix patula (Elymus h.) Bottlebrush Grass	0.063
Juncus dudleyi Dudley's Rush	0.063
Juncus tenuis Path Rush	0.063
v112209	
total	5.971
permanent matrix	5.971

All items subject to availability. Mix composition may vary seasonally.

**Lo Pro Dry Mesic Savanna Open Woods with flowers Mix**

**Genesis Nursery, Inc. Tampico IL**

**Illinois Permit # 3669**

**PLS where applicable**

Not for de novo tree plantings! A mix of shorter grasses, sedges, rushes, and forbs for open woodlands or woodland edges. Must have filtered sunlight or shade with several hours of direct sunlight every day. Many species will not persist or perform well in full sun or deep shade. Dormant seed.

Species	lb/ac
Agrostis perennans Upland Bent Grass	0.125
Bromus latiglumis (B. altissimus) Ear-Leafed Brome	0.063
Carex species Woodland sedge species	0.062
Diarrhena americana Beak Grass	0.031
Elymus canadensis Canada Wild Rye	1.000
Elymus villosus Silky Wild Rye	1.000
Elymus virginicus Virginia Wild Rye	2.000
Festuca obtusa (F. subverticillata) Nodding Fescue	0.250
Glyceria striata Fowl Manna Grass	0.062
Hystrix patula (Elymus h) Bottlebrush Grass	0.062
Juncus dudleyi Dudley's Rush	0.062
Juncus tenuis Path Rush	0.062
Anemone virginiana Tall Anemone	0.031
Aquilegia canadensis Columbine	0.006
Aster drummondii (Symphyotrichum d.) Drummond's Aster	0.125
Aster lateriflorus (Symphyotrichum lateriflorum) Calico Aster	0.031
Aster sagittifolius (Symphyotrichum urophyllum) Arrow-Leafed Aster	0.188
Aster shortii (Symphyotrichum s.) Short's Aster	0.250
Baptisia leucantha (B. alba macrophylla) White Indigo	0.125
Ceanothus americanus New Jersey Tea	0.031
Echinacea purpurea Purple Coneflower	0.500
Eupatorium rugosum (Ageratina altissima) White Snake Root	0.016
Hypericum pyramidatum Great St. John'swort	0.188
Lobelia siphilitica Great Blue Lobelia	0.016
Penstemon digitalis Foxglove Beardtongue	0.125
Polygonatum canaliculatum Smooth Solomon's Seal	0.063
Pycnanthemum pilosum Hairy Mt. Mint	0.031
Rosa blanda Early Wild Rose	0.031
Rudbeckia hirta Black-eyed Susan	0.300
Silphium integrifolium Rosin Weed	0.125
Smilacina racemosa Feathery False Solomon's Seal	0.006
Solidago caesia Blue-stem Goldenrod	0.015
Solidago juncea Early Goldenrod	0.063
Solidago ulmifolia Elm-Leafed Goldenrod	0.250
Teucrium canadense Germander	0.062
Tradescantia ohiensis Ohio Spiderwort	0.031

Veronicastrum virginicum Culver's Physic	0.031
Zizia aurea Golden Alexander	0.062

v111809

total 7.481

permanent matrix 7.481

All items subject to availability. Mix composition may vary seasonally.

**Wet Savanna Open Woods Grass Mix**

**Genesis Nursery, Inc. Tampico IL**

**Illinois Permit# 3669**

**PLS where applicable**

Not for de novo tree plantings! A grass, and highly ornamental native sedges mix for low, moist to wet open woods and moist upland wooded basins. Tolerates clean standing water in spring. Our most showy native sedges in this mix. Must have filtered sunlight or shade with several hours of direct sunlight every day. Will not grow in dense shade. Dormant seed.

Species	LB / ACRE
Agrostis perennans Upland Bent Grass	0.125
Bromus kalmii Kalm's Brome	0.015
Bromus latiglumis (B. altissimus) Ear-Leafed Brome	0.250
Carex crus-corvii Crowfoot Sedge	0.125
Carex frankii Frank's Sedge	0.125
Carex grayii Gray's Sedge	0.015
Carex grisea Wood Gray Sedge	0.015
Carex lupuliformis Knobbed Hop Sedge	0.063
Carex lupulina Hop Sedge	0.063
Carex muskingumensis Palm Sedge	0.063
Carex normalis Normal Sedge	0.063
Carex projecta Necklace Sedge	0.125
Carex shortiana Short's Sedge	0.125
Carex squarrosa Squarrose Sedge	0.063
Carex straminea Straw Sedge	0.188
Carex vulpinoidea Fox Sedge	0.500
Cinna arundinacea Wood Reed	0.250
Diarrhena americana Beak Grass	0.031
Elymus riparius Riverbank Rye	0.063
Elymus villosus Silky Wild Rye	2.000
Elymus virginicus Virginia Wild Rye	3.000
Festuca obtusa (F. subverticillata) Nodding Fescue	0.250
Glyceria striata Fowl Manna Grass	0.125
Hystrix patula Bottlebrush Grass	0.063
Poa palustris Marsh Blue Grass	1.000
v112409	0.000
total	8.702
permanent matrix	8.702

All items subject to availability. Mix composition may vary seasonally.

**Wet Savanna Open Woodland with Flowers Mix**

**Genesis Nursery, Inc. Tampico IL**

**Illinois Permit # 3669**

**PLS where applicable**

Not for de novo tree plantings! A grass, forb, and highly ornamental native sedges mix for low, moist to wet open woods and moist upland wooded basins. Tolerates clean standing water in spring and may dry out in August. Our most showy native sedges in this mix.

Must have filtered sunlight or shade with several hours of direct sunlight every day. Will not grow in dense shade. Dormant seed. This and any of our mixes can be adapted to the species known from your county

Species	lb/ac
Actinomeris alternifolia (Verbesina a.) Wingstem	0.188
Agrostis perennans Upland Bent Grass	0.125
Andropogon gerardii Big Bluestem	0.063
Aster lateriflorus (Symphyotrichum lateriflorum) Calico Aster	0.031
Aster novae-angliae (Symphyotrichum n.) New England Aster	0.250
Aster puniceus (Symphyotrichum puniceum) Swamp Aster	0.250
Bidens cernua Nodding Bur Marigold	0.015
Bromus kalmii Kalm's Brome	0.015
Bromus latiglumis (B. altissimus) Ear-Leafed Brome	0.015
Carex crus-corvii Crowfoot Sedge	0.063
Carex Frankii Frank's Sedge	0.125
Carex Grayii Gray's Sedge	0.015
Carex grisea Wood Gray Sedge	0.015
Carex lupuliformis Knobbed Hop Sedge	0.063
Carex lupulina Hop Sedge	0.063
Carex muskingumensis Palm Sedge	0.063
Carex normalis Normal Sedge	0.063
Carex projecta Necklace Sedge	0.125
Carex shortiana Short's Sedge	0.125
Carex squarrosa Squarrose Sedge	0.063
Carex straminea Straw Sedge	0.063
Carex vulpinoidea Fox Sedge	0.500
Cinna arundinacea Wood Reed	0.063
Clematis virginiana Virgin's Bower	0.063
Cryptotaenia canadensis Honewort	0.015
Diarrhena americana Beak Grass	0.031
Elymus riparius Riverbank Rye	0.063
Elymus villosus Silky Wild Rye	1.000
Elymus virginicus Virginia Wild Rye	3.000
Eupatorium purpureum (Eutrochium p.) Purple Joe Pye Weed	0.031
Eupatorium rugosum (Ageratina altissima) White Snake Root	0.063
Festuca obtusa (F. subverticillata) Nodding Fescue	0.063
Glyceria striata Fowl Manna Grass	1.000
Helenium autumnale Sneezeweed	0.063

Heracleum maximum Cow Parsnip	0.015
Hystrix patula (Elymus h.) Bottlebrush Grass	0.063
Lobelia cardinalis Cardinal Flower	0.015
Lobelia siphilitica Great Blue Lobelia	0.015
Lycopus americanus Common Water Horehound	0.125
Mimulus ringens Monkey Flower	0.031
Osmorhiza claytoni Woolly Sweet Cicely	0.062
Physostegia speciosa False Dragonhead	0.031
Pycnanthemum pilosum Hairy Mt. Mint	0.015
Silphium perfoliatum Cup Plant	0.125
Solidago gigantea Late Goldenrod	0.063
Verbena hastata Blue Vervain	0.188
Verbena urticifolia White Vervain	0.031
Zizia aurea Golden Alexander	0.063

v112409

total 8.590

permanent matrix 8.590

All items subject to availability. Mix composition may vary seasonally.

**Lo Pro Wet Savanna Open Woods Grass & Sedge Mix**

**Genesis Nursery, Inc. Tampico IL**

**Illinois Permit# 3669**

**PLS where applicable**

Not for de novo tree plantings! A mix of shorter grasses and highly ornamental native sedges for low, moist to wet open woods and moist upland wooded basins. Tolerates clean standing water in spring and may dry out in August. Our most ornamental native sedges are in this mix. Must have filtered sunlight or shade with several hours of direct sunlight every day. Will not grow in dense shade. Best dormant seeded. A veritable caricetum.

Species	LB / ACRE
Agrostis perennans Upland Bent Grass	0.125
Bromus kalmii Kalm's Brome	0.015
Bromus latiglumis (B. altissimus) Ear-Leafed Brome	0.015
Carex crus-corvii Crowfoot Sedge	0.188
Carex Frankii Frank's Sedge	0.250
Carex Grayii Gray's Sedge	0.015
Carex grisea Wood Gray Sedge	0.015
Carex lupuliformis Knobbed Hop Sedge	0.063
Carex lupulina Hop Sedge	0.063
Carex muskingumensis Palm Sedge	0.188
Carex normalis Normal Sedge	0.063
Carex projecta Necklace Sedge	0.125
Carex shortiana Short's Sedge	0.125
Carex species Woodland Sedge	0.250
Carex squarrosa Squarrose Sedge	0.188
Carex straminea Straw Sedge	0.188
Carex vulpinoidea Fox Sedge	0.500

Cinna arundinacea Wood Reed	0.125
Diarrhena americana Beak Grass	0.031
Elymus riparius Riverbank Rye	0.063
Elymus villosus Silky Wild Rye	2.000
Elymus virginicus Virginia Wild Rye	3.000
Festuca obtusa (F. subverticillata) Nodding Fescue	0.063
Glyceria striata Fowl Manna Grass	0.125
v112409	
total	7.781
permanent matrix	7.78

All items subject to availability. Mix composition may vary seasonally.

**Lo Pro Wet Savanna Open Woods with Flowers**

**Genesis Nursery, Inc. Tampico IL  
Illinois Permit# 3669**

**PLS where applicable**

Not for de novo tree plantings! A mix of shorter grasses, highly ornamental native sedges, and shorter to medium tall forbs for low, moist to wet open woods and moist upland wooded basins. Tolerates clean standing water in spring and may dry out in August. Our most showy native sedges in this mix. Must have filtered sunlight or shade with several hours of direct sunlight every day. Will not grow in dense shade. Best dormant seeded.

Species	lb/ac
Agrostis perennans Upland Bent Grass	0.125
Aster lateriflorus (Symphyotrichum lateriflorum) Calico Aster	0.031
Bidens cernua Nodding Bur Marigold	0.125
Bromus kalmii Kalm's Brome	0.015
Bromus latiglumis (B. altissimus) Ear-Leafed Brome	0.015
Carex crus-corvii Crowfoot Sedge	0.063
Carex Frankii Frank's Sedge	0.188
Carex Grayii Gray's Sedge	0.015
Carex grisea Wood Gray Sedge	0.015
Carex lupuliformis Knobbed Hop Sedge	0.063
Carex lupulina Hop Sedge	0.063
Carex muskingumensis Palm Sedge	0.063
Carex normalis Normal Sedge	0.063
Carex projecta Necklace Sedge	0.125
Carex shortiana Short's Sedge	0.125
Carex species Woodland Sedge	0.063
Carex squarrosa Squarrose Sedge	0.063
Carex straminea Straw Sedge	0.125
Carex vulpinoidea Fox Sedge	0.500
Cinna arundinacea Wood Reed	0.063
Clematis virginiana Virgin's Bower	0.063
Cryptotaenia canadensis Honewort	0.015
Diarrhena americana Beak Grass	0.031

Elymus riparius Riverbank Rye	0.063
Elymus villosus Silky Wild Rye	2.000
Elymus virginicus Virginia Wild Rye	3.000
Eupatorium purpureum (Eutrochium p.) Purple Joe Pye Weed	0.031
Eupatorium rugosum (Ageratina altissima) White Snake Root	0.063
Festuca obtusa (F. subverticillata) Nodding Fescue	0.015
Glyceria striata Fowl Manna Grass	0.125
Helenium autumnale Sneezeweed	0.063
Hystrix patula (Elymus h.) Bottlebrush Grass	0.063
Lobelia cardinalis Cardinal Flower	0.015
Lobelia siphilitica Great Blue Lobelia	0.015
Lycopus americanus Common Water Horehound	0.125
Mimulus ringens Monkey Flower	0.031
Osmorhiza claytoni Woolly Sweet Cicely	0.062
Physostegia speciosa False Dragonhead	0.031
Pycnanthemum pilosum Hairy Mt. Mint	0.015
Solidago gigantea Late Goldenrod	0.031
Verbena hastata Blue Vervain	0.063
Zizia aurea Golden Alexander	0.063
v112409	
total	7.886
permanent matrix	7.89

All items subject to availability. Mix composition may vary seasonally.

Native understory seed mixes for new upland and wetland tree plantings are available on request.

