

NATIVE PLANT MATERIALS *YELLOW*PAGES

For Post-flood Restoration

RELEASE DATE: June 25, 2016

The *Native Plant Materials YellowPages* (*YellowPages*) is made available thanks to dozens of financial supporters of the Southern Rockies Seed Network (SRSN), the dedication of local nurseries and seed companies to the development of locally adapted native plant materials, and through a partnership grant with Rocky Mountain Flycasters and the Colorado Water Conservation Board (CWCB). This is the first *YellowPages* produced by the Southern Rockies Seed Network, and we welcome your feedback.

The vast majority of plants available for restoration are cultivars (i.e., cultivated varieties of native plants, whose original genetics have been modified through human selection under agronomic conditions), or their genetics are of unknown origin. Thanks to a grant by CWCB, it has been possible to develop a source of Ecotypic (i.e., locally adapted natives—see definition below) plant materials for flood recovery. Working with CWCB, AloTerra Restoration Services, and Golder Associates, SRSN facilitated a pooled demand process to better understand those plant species with the greatest demand in flood impacted areas. This is an ongoing process, and our pooled-demand list will be updated annually.

SEARCH FOR REMNANTS

Many of the target plant populations that might have existed Colorado Front Range streams were destroyed by the flood, or have been substantially reduced from historic floodplain disturbances. With pooled demand in mind, and understanding the distribution of riparian species across the flood-impacted area prior to the flood (e.g., using reference sites), staff and volunteers located remnant plant communities believed to represent ecotypic variation. With over 170 populations identified to date, this process is ongoing. Once remnant populations were identified, collection authority was obtained from federal and local agencies, and some private land owners, to collect seeds, berries, and hardwood cuttings (i.e., stems of willows or cottonwoods) for increase.

PLANT AVAILABILITY

Thanks to partner growers, over 15,000 ecotypic plant materials (mostly shrubs and trees) are coming on line beginning in spring 2016 and continuing through the fall. Many of these species will be grown in stooling blocks to provide a long-term source of cuttings and seed for flood recovery and other restoration needs. Grass seed is in the process of production in agricultural fields, and is estimated to be available in the spring of 2017.

GROWER AND DISTRIBUTOR LIST

Recognizing the current availability of ecotypic plant materials is not sufficient to meet all of the needs in the flood-impacted area, these *YellowPages* provide a list of native plant growers and distributors who carry a variety of native plants in the form of seed or container stock.

HISTORY OF SYNERGY AND SRSN

Responding to an ever-increasing need for strategic and collaborative restoration planning, Synergy Ecological Restoration (Synergy) became established in 2014 with a mission “To develop enduring restoration solutions for our lands and waters through the creation of diverse public-private partnerships.” Synergy is in the process of becoming an IRS-designated 501(c)(3) non-profit organization, and is currently established as a non-profit corporation in Colorado. The Southern Rockies Seed Network is our seminal program. Our mission is to increase the availability of ecotypic plant materials for the Southern Rockies and plains Ecoregions of Colorado



Zach Clark-Lee oversees 2,000+ ecotypic chokecherry seedlings beginning to emerge in a Colorado State Forest Service Nursery greenhouse.

and Wyoming. We accomplish this through collaboration, education, and coordination of efforts among dozens of partners. For additional information, please visit www.synergy3.org.

Ecotype: A genetically distinct, geographic population within a species, adapted to specific environmental conditions. Typically, ecotypes exhibit phenotypic differences (such as in morphology or physiology) stemming from environmental heterogeneity and are capable of interbreeding with other geographically adjacent ecotypes without loss of fertility or vigor.

AVAILABILITY SHOULD NOT DICTATE YOUR PROJECT'S SPECIES MIX

No one nursery or seed vendor will likely carry all of the plants you need for a project. Plan on working with several nurseries and seed vendors to acquire the plants you need, rather than letting the inventory of a single vendor dictate which plants are used for your project.

CONTAINER RECOMMENDATIONS. DEEPER ROOTS = BETTER ACCESS TO GROUNDWATER

Depending on the type of vegetation you are planting, a variety of containers (10 cubic inch cones, 4 inch flats, 1 gallon, ball-and-burlap, etc.) will be appropriate to meet design goals, species needs, and to address site-specific constraints. Many vendors are now carrying 14-inch-deep or deeper container stock. Providing a deeper root structure allows practitioners to install plants farther away from potential scouring flows, and increase the likelihood the roots will reach moist soil or even the capillary fringe (saturated soils) above the water table. As deep-rooted stock is in short supply, order your stock early. *Colorado State Forest Service Nursery* and *Alpine-eco* carry 14" deep container stock of ecotypic plants.

SECURE PLANT MATERIALS WHILE THEY EXIST

Inventory is constantly changing, usually running lower as we approach popular planting seasons. Because of this, especially for container stock, we strongly encourage you to "contract grow" or pre-order plants with a vendor to ensure you get the right plants at the right quantity and at the right time for your project. Not all vendors require pre-payment to secure plants. Contact vendors directly for details.

Thanks YellowPages Sponsors!



ECOTYPIC PLANT MATERIAL PROVIDERS

The following pages include a list of ecotypic plant materials available from partners of the Southern Rockies Seed Network. We have not included quantities available, as such information changes on a daily basis. This list of ecotypic plant materials is our best estimate of commercially available ecotypes for flood-impacted areas at this time, yet is likely not a complete list. If you know of other growers producing ecotypic plant materials in Colorado, please have them contact us.

This list is available in an excel format (hence sortable) by emailing john@synergy3.org.

NOTE: Please contact the vendors on the following pages to inquire about quantities of plant materials available, and to order your materials. Please do not contact Synergy or SRSN to order plants.

NOTE-2: Many 14" deep containers are also 40 cubic inches. Vendors may have additional container stock available beyond what is listed, and they may not have the listed containers in stock at the time of your ordering. Please contact the vendor in question to confirm current availability.

Plant Type	Species Scientific Name*	Species Common Name*	Provenance Code (SRSN)**	Source Location		Ecotype Supplier				
				Site/County	Elevation (feet)	Co State Forest Service	Alpine-Eco	Western Native Seed	High Plains Env Center	Applewood Seed Co
grass	<i>Elymus canadensis</i>	Canada wildrye	ELYCAN-15-SUN1	Little Thompson R/Boulder Cty	5,519					
grass	<i>Panicum virgatum</i>	switchgrass	PANVIR-14-SBC1	South Boulder Creek/Boulder Cty	5,100	14", 1 gallon				4"
grass	<i>Sporobolus cryptandrus</i>	sand dropseed	n/a	Montezuma Cty	6,200				seed	
sedge	<i>Carex aquatilis</i>	water sedge		Meeker/Garfield Cty	8,661		10 ci			
sedge	<i>Carex aquatilis</i>	aquatic sedge	CARAQU-15-GCTY	Gunnison Cty	9,920			seed		
sedge	<i>Carex emoryi</i>	Emory sedge	n/a	Fort Collins/Larimer Cty	5,150		10 ci			
sedge	<i>Carex utriculata</i>	Northwest territory sedge	n/a	Meeker/Garfield Cty	8,661		10ci			
sedge	<i>Carex utriculata</i>	beaked sedge	CARUTR-15-GCTY	Gunnison Cty	9,520			seed		
shrub	<i>Alnus incana, spp. tenuifolia</i>	thinleaf alder	ALNINC-15-FM1	Fourmile Canyon/Boulder Cty	6,798	14", 1 gallon				
shrub	<i>Alnus incana, spp. tenuifolia</i>	thinleaf alder	ALNINC-15-OPF	O'Fallon Park/Jefferson Cty	6,782	14", 1 gallon				
shrub	<i>Alnus incana, spp. tenuifolia</i>	thinleaf alder	ALNINC-15-TKY	Turkey Creek/Jefferson Cty	6,886	14", 1 gallon				
shrub	<i>Atriplex canescens</i>	fourwing Saltbush	ATRCAN-08-FCTY	Fremont Cty	6,600			seed		
shrub	<i>Betula occidentalis</i>	river birch	BETOCC-15-BR1	Button Rock Preserve/Boulder Cty	6,250	14", 1 gallon				
shrub	<i>Betula occidentalis</i>	river birch	BETOCC-15-OPF	O'Fallon Park/Jefferson County	6,782	14", 1 gallon				
shrub	<i>Betula occidentalis</i>	river birch	BETOCC-15-TKY	Turkey Creek/Jefferson County	6,886	14", 1 gallon				
shrub	<i>Betula occidentalis</i>	river birch	n/a	Rifle/Garfield Cty	5,300		40 ci			
shrub	<i>Cercocarpus montanus</i>	mountain mahogany	CERMON-15-CCTY	Chaffee Cty	8,400			seed		
shrub	<i>Ericameria (Chrysothamnus) nauseosa</i>	rubber rabbitbrush	n/a	Golden/Jefferson Cty	5,650		40 ci			
shrub	<i>Padus virginiana, spp. melanocephala</i>	chokecherry	PADVIR-15-DB1	Devil's Backbone/Larimer Cty	5,522	14", 1 gallon				
shrub	<i>Padus virginiana, spp. melanocephala</i>	chokecherry	PADVIR-15-EP1	Estes Park/Larimer Cty	7,500	14", 1 gallon				
shrub	<i>Salix bebbiana</i>	Bebb's willow	SALBEB-15-BR1	Button Rock Preserve/Boulder Cty	6,250	14", 1 gallon				
shrub	<i>Salix bebbiana</i>	Bebb's willow	SALBEB-15-TKY	Turkey Creek/Jefferson County	6,886	14", 1 gallon				
shrub	<i>Salix drummondiana</i>	Drummond's willow	n/a	Twin Lakes/Chaffee Cty	9,200		40 ci			
shrub	<i>Salix erioccephala</i>	strapleaf willow	SALLIG-15-EP1	Estes Park/Larimer Cty	7,500	14", 1 gallon				
shrub	<i>Salix exigua</i>	coyote willow	SALEXI-16-LCP	Cherokee Park/Larimer County	6,389	14", 1 gallon				
shrub	<i>Salix exigua</i>	coyote willow	SALEXI-16-MWR	Morey Wildlife Reserve/Larimer Cty	5,086	14", 1 gallon				
shrub	<i>Salix exigua</i>	coyote willow	n/a	Fort Collins/Larimer Cty	5,086		40 ci			
shrub	<i>Salix irrorata</i>	bluestem willow	n/a	Littleton/Jefferson Cty	6,590		40 ci			
shrub	<i>Salix irrorata</i>	bluestem willow	SALIRR-15-BR1	Button Rock Preserve/Boulder Cty	6,150	14", 1 gallon				
shrub	<i>Salix irrorata</i>	bluestem willow	SALIRR-15-LCP	Cherokee Park/Larimer County	6,389	14", 1 gallon				
shrub	<i>Salix lucida, spp. caudata</i>	shining/whiplash willow	SALLUC-15-EP1	Estes Park/Larimer Cty	7,500	14", 1 gallon				
shrub	<i>Salix lucida, spp. caudata</i>	shining/whiplash willow	SALLUC-15-PDR1	Poudre River/Larimer Cty	6,500	14", 1 gallon				
shrub	<i>Salix monticola</i>	park (mountain) willow	n/a	Chaffee Cty/Twin Lakes	9,200		40 ci, 60 ci			
shrub	<i>Salix monticola</i>	park (mountain) willow	SALMON-16-EP1	Estes Park/Larimer Cty	7,500	14", 1 gallon				
shrub	<i>Salix planifolia</i>	planeleaf willow	n/a	Chaffee Cty/Twin Lakes	10,500		40 ci			

* Species names follow those used by the vendor, to maintain uniformity between this list and the vendor's list
** The provenance code ties the plant material back to the location of the original collection. If a provenance code is not available, SRSN does not take responsibility for the accuracy of the information provided.
*** A forb is an insect-pollinated herbaceous plant, such as prairie coneflower.

Ecotypic Plant List (continued)

NOTE: Please contact the vendors on the following pages to inquire about quantities of plant materials available, and to order your materials. Please do not contact Synergy or SRSN to order plants.

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Plant Type	Species Scientific Name*	Species Common Name*	Provenance Code (SRSN)**	Source Location		Ecotype Supplier					
				Site/County	Elevation (feet)	Co State Forest Service	Alpine-Eco	Western Native Seed	High Plains Env Center	Applewood Seed Co	
tree	<i>Populus angustifolia</i>	narrowleaf cottonwood	n/a	Buena Vista/Chaffee Cty	7,950			40, 60 ci			
tree	<i>Populus angustifolia</i>	narrowleaf cottonwood	POPANG-16-LCP	Lower Cherokee Park/Larimer Cty	6,389	14", 1 gallon					
tree	<i>Populus deltoides</i>	plains cottonwood	POPDEL-16-MWR	Morey Wildlife Reserve/Larimer Cty	5,086	14", 1 gallon					
tree	<i>Populus deltoides</i>	plains cottonwood	n/a	Poudre River/Larimer Cty	5,000	14", 1 gallon					
tree	<i>Populus deltoides ssp. monilifera</i>	plains cottonwood	n/a	Fort Collins/Larimer Cty	5,150			40 ci			
tree	<i>Salix amygdaloides</i>	peachleaf willow	n/a	Fort Collins/Larimer Cty	5,150			40 ci			
forb***	<i>Achillea lanulosa</i>	Western yarrow	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Antennaria anaphaloides</i>	pearly pussytoes	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Antennaria parvifolia</i>	pussytoes	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Astragalus convallarius</i>	milkvetch	ASTCON-15-FCTY	Fremont Cty	7,680			seed			
forb	<i>Balsamorhiza sagittata</i>	arrowleaf balsamroot	BALSAG-13-RBCTY	Rio Blanco Cty	7,600			seed			
forb	<i>Erigeron speciosus</i>	aspen daisy	ERISPE-15-GCTY	Gunnison Cty	10,000			seed			
forb	<i>Erigeron speciosus</i>	aspen daisy	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Erigeron vetensis</i>	early bluetop fleabane	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Erysimum capitatum</i>	wallflower	ERYCAP-15-FCTY	Fremont Cty	8,880			seed			
forb	<i>Gaillardia aristata</i>	blanket flower	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Galium boreale</i>	Northern bedstraw	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Helianthella quinquenervis</i>	aspen sunflower	HELQUI-15-GCTY	Gunnison Cty	9,440			seed			
forb	<i>Helianthus annuus</i>	annual sunflower	n/a	Colorado	various						
forb	<i>Heterotheca villosa</i>	golden aster	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Liatris punctata</i>	dotted blazing star	n/a	Fort Collins/Larimer Cty	4,900						4"
forb	<i>Lupinus plattensis</i>	platte lupine	LUPPLA-15-CCTY	Chaffee Cty	8,200			seed			
forb	<i>Mentzelia decapetala</i>	starflower	n/a	Fort Collins/Larimer Cty	4,900						4"
forb	<i>Monarda fistulosa</i>	bee balm	n/a	Larimer Cty (multiple locations)	6,500 & 7,800						4"
forb	<i>Oxytropis lambertii</i>	showy locoweed	OXYLAM-15-FCTY	Fremont Cty	7,280			seed			
forb	<i>Penstemon grandiflorus</i>	large beardtongue	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Penstemon secundiflorus</i>	one-sided penstemon	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Potentilla frisa</i>	bigflower cinquefoil	n/a	Evergreen/Jefferson Cty	7,200						seed
forb	<i>Ratibida columnifera</i>	Mexican hat	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Rudbeckia hirta</i>	black-eyed susan	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Sedum lanceolatum</i>	lanceleaf stone crop	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Sidalcea candida</i>	white checkermallow	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Stanleya pinnata</i>	prince's plume	STAPIN-14-FCTY	Fremont Cty	5,160			seed			
forb	<i>Thelesperma filifolium</i>	greenthread	n/a	Douglas Cty/Parker	5,700						seed
forb	<i>Thermopsis divaricarpa</i>	golden banner	n/a	Red Feather Lakes/Larimer Cty	7,800						4"
forb	<i>Tradescantia occidentalis</i>	prairie spiderwort	n/a	Fremont Cty	5,200						seed
forb	<i>Yucca glauca</i>	soapweed yucca	n/a	Red Feather Lakes/Larimer Cty	7,800						4"

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*** A forb is an insect-pollinated herbaceous plant, such as prairie coneflower.

NURSERIES CARRYING CONTAINERS OF COLORADO NATIVE PLANTS

These growers and distributors carry a wide range of native shrubs, trees, grasses, sedges, and forbs (i.e., wildflowers/insect pollinated plants) in a variety of container sizes. For existing availability, please contact the vendors below directly.

AlpineEco Nursery

1127 Adams Street
Denver, CO 80206
303-586-5014
tim@alpine-eco.com
www.alpine-eco.com

Aquatic & Wetland Nursery

Heidi Windell
Aquatic and Wetland Nursery, LLC
9999 CR 25
Fort Lupton, CO 80621
303-442-4766 ext 115
heidi@aquaticandwetland.com
www.aquaticandwetland.com

Colorado State Forest Service Nursery

Fort Collins, CO 80525
Delivery Only
(970) 491-8429
CSFS_Trees@mail.colostate.edu
<http://csfs.colostate.edu/seedling-tree-nursery/>
Must call number above **to order ecotypic plant materials**, as those materials are not listed on website or order form.

Fort Collins Nursery

Wholesale Division
(800) 794-1289
(970) 484-1289
2224 N. Shields St.
Fort Collins 80524
www.ftcollinswholesalenursery.com
info@ftcollinswholesalenursery.com

High Plains Environmental Center

2968 Bluestem Willow Dr.
Loveland CO 80538
Phone: (970) 622-9676
www.suburbitat.org
Info@Suburbitat.org

Laporte Avenue Nursery

Contract growing
970-482-6285
Kirk Fieseler
1950 Laporte Ave.
Fort Collins, CO 80521

Little Valley Wholesale Nursery

13022 E. 136th Ave.
Brighton 80601
(800) 221-3241
www.lvwn.com
jay@lvwn.com; blaine@lvwn.com

North Fork Natives

877-444-6996
PO Box 1115 – 116 Mustang Drive
Driggs, ID 83422
www.northforknativeplants.com
tim@northforknativeplants.com

NATIVE SEED DISTRIBUTORS

These growers and distributors carry a wide range of native shrubs, trees, grasses, sedges, and forbs (i.e., wildflowers/insect pollinated plants) in the form of seeds. Most of these materials consist of cultivated varieties (i.e., cultivars) of native plants, though a few of these suppliers carry ecotypic seed from time to time in a variety of quantities. For existing availability, please contact these distributors directly.

Applewood Seed Co.

5380 Vivian St.
Arvada 80002
(303) 431-7333
www.applewoodseed.com

Arkansas Valley Seed Co.

4625 Colorado Blvd.
Denver 80216
(877) 957-3337
dweigand@arkansasvalleyseed.com
www.avseeds.com

Beauty Beyond Belief

6595 Odell Pl, Boulder, CO 80301
(303) 530-1222
info@bbbseed.com
www.bbbseed.com

Dean Swift Seed Co.

PO Box 908
Alamosa, CO 81101
(719) 589-3499
dean@deanswiftseed.com

Granite Seed Company

490 East 76th Ave., Unit A
Denver, Colorado 80229
(888) 577.5650
www.graniteseed.com
Miranda@graniteseed.com

Pawnee Buttes Seed Co.

PO Box 100
Greeley 80632
(800) 782-5947
info@pawneebutteseed.com
www.pawneebutteseed.com

Sharp Brothers Seed Co.

104 East 4th Street Rd.
Greeley 80631
(970) 356-4710
www.sharpseed.com
info@buffalobrandseed.com
Ecotype Note: Sharp Brother's carries a variety of wild collected Colorado shrubs and forbs (i.e., wildflower), which varies over time.

Southwest Seed

13260 County Road 29
Dolores 81323
(800) 543-1279
www.southwestseed.com
swseed@southwestseed.com

Western Native Seed

PO Box 188
Coaldale 81222
(719) 942-3935
www.westernnativeseed.com
info@westernnativeseed.com
Ecotype Note: Western Native carries a wide variety of wild collected Colorado shrub, grass, sedge, rush, and forb (i.e., wildflower) seed, which varies over time.