FALL 2018/SPRING 2019

Fourth Corner Nurseries

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NATIVE PLANTS OF NORTH AMERICA | **WHOLESALE CATALOG**

Greetings,

As we forge ahead into our 36th year the feelings of excited wonderment in seeing each new crop of seedlings put down roots and push up through the soil this spring is as strong as ever. As propagators there are certain professional expectations that year in and year out more plants will be produced. Thus, in a clinical sense new crops are an affirmation of our proficiency. We do take great satisfaction in challenging ourselves to grow more species and make better plants. However, if you could masquerade as one of the bumblebees or white crowned sparrows fluttering around our farm you would see our excitement over the new crops is about more than our own success as propagators. These little sprouts, native plants that have been grown from thoughtfully curated seed collections from throughout the Pacific Northwest and beyond, hold the promise and potential to restore degraded landscapes, reconnect fragmented habitats, instill beauty, provide food, shelter and a myriad of other critical ecological functions for all life, even and especially for people. Like a flower needing the partnership of a pollinator to bear fruit, we cannot fulfill this promise on our own. Our nursery is only the beginning, and only by partnering with our customers will these plants find a home and an opportunity to realize their potential. We depend on your shared passion and ingenuity, and we cherish your feedback and support. Thank you!

We are extremely excited to share our latest offerings and look forward to working with you in the years to come.

Warm regards,

Dylan

Dylan Levy-Boyd,
General Manager, Fourth Corner Nurseries

Rewilding Agriculture: Native Plants Are the Future of Better Farms

by Eric Lee-Mäder, The Xerces Society

Klickitat Canyon Vineyard. Photo by Eric Lee-Mäder of Xerces

Everyone who works in conservation has moments or locations that recharge their batteries and remind us of why we do what we do. For me, one of these purely magical events occurs every spring at Klickitat Canyon Winery in Lyle, Washington when the lupine, balsamroot, and desert parsley are in full bloom across the vineyard understory. Time slows down and the world gives way to a soundtrack of meadowlarks and raptors. In this moment, I find myself standing in wonder, not quite certain if I'm looking at a farm or nature preserve.

I've had the fantastic privilege of working with the Klickitat team for nearly a decade in my role as a pollinator and beneficial insect ecologist at the Xerces Society, a non-profit wildlife conservation organization focusing on invertebrate animals. Klickitat Canyon's model of blurring the lines between a natural plant community and a functional farm represents a system that is elegant, productive, and arguably the kind of land management we increasingly need. Deep-rooted native bunch grasses stabilize the vineyard slopes, beneficial insects supported by the abundance of habitat provide nearly complete suppression of vineyard pests, and the beautiful meadow creates an attractive destination for customers. Particularly interesting to me however is the incredibly diverse and abundant wildlife present on the farm including huge numbers of songbirds, native bees, and rare butterflies. After the grape harvest, they even open the gates, allowing mule deer to browse the meadow.

Earth Without Animals

It's probably obvious to most readers that agriculture is one of the most significant forces impacting global wildlife. Insects, my professional focus, provide some of the most clear and stark case studies of how agriculture affects wild animals. For example, over the past 20 years we have seen a nearly 90% population decline in the formerly common monarch butterfly, due in large part to the loss of milkweed host plants in and around intensively managed agricultural fields. Similarly, among our 46 species of North American bumble bees, it is estimated that fully a quarter of them

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Fourth Corner Nurseries
5652 Sand Rd.
Bellingham, WA 98226

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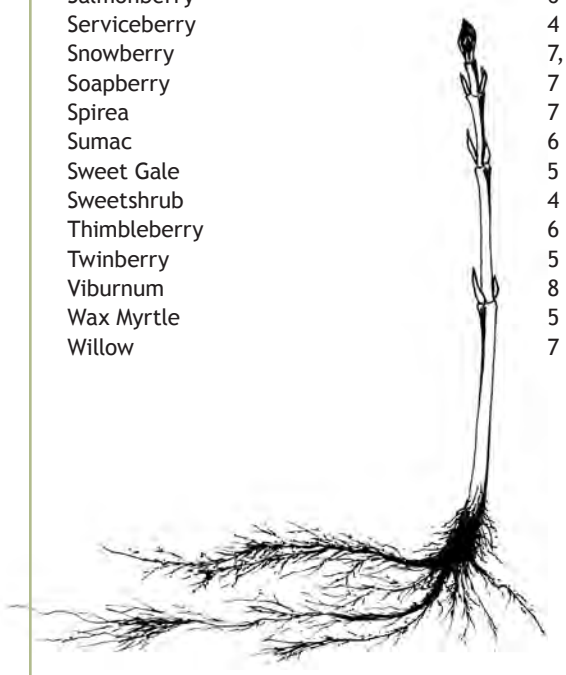
COMMON NAME INDEX

TREES & SHRUBS



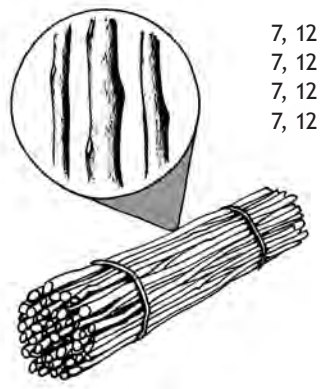
CONIFERS

HERBACEOUS PERENNIALS

GRASSES, SEDGES, RUSHES

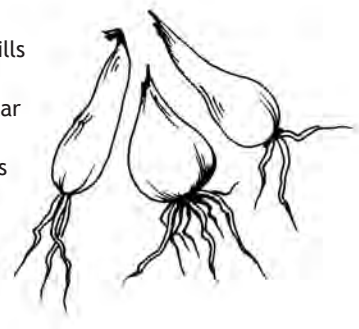
LIVE STAKES

Live stakes are made to order, and are available for the following species. Please specify your desired length when placing your order. The caliper will vary from 1/4" - 1"; we do not grade by caliper size. Live stakes have the highest success rate in our area when planted between October and March.



AQUATICS

BULBS, RHIZOMES, TUBERS



FOR YOUR INFORMATION

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Wetland Indicator Status

This edition of the Fourth Corner Nurseries catalog reflects the changes encompassed in the most recent 2016 National Wetland Plant List (NWPL). It is important to note that our catalog lists the wetland indicator status for each plant in the Western Valleys, Mountains and Coast region, even if the plant occurs in or is native to another region. If you are installing plants outside of this region, please consult the NWPL to confirm the status of your plant in the region in which it will be installed. Plants not listed on the NWPL for the Western Mountains, Valleys, and Coast region (indicated as NL in our catalog) either do not occur in our region, or have not been tested in our region.

To see the full list, including the indicator status of each plant across all ten regions, please visit: *http://wetland-plants.usace.army.mil/nwpl_static/home/home.html*

OBL - Obligate Wetland
Almost always occurs in wetlands.

FACW - Facultative Wetland
Usually occurs in wetlands, but may occur in non-wetlands.

FAC - Facultative
Occurs in wetlands and non-wetlands.

FACU - Facultative Upland
Usually occurs in non-wetlands, but may occur in wetlands.

UPL - Upland
Almost never occurs in wetlands.

NL - Not Listed
These plants are not listed in the Western Valleys, Mountains and Coast region of the NWPL.

NL

A Note on Nomenclature

Several species have recently experienced name changes resulting from continuing research. We have listed plants by their current names, with previous or other commonly used names noted. Current names are from the PLANTS Database at *http://plants.usda.gov*.

Terms and Conditions

Pricing and order payment: Pricing is based on stock on hand and is in U.S funds; availability and price may change without notice. Volume discounts are built into our pricing structure. Prices do NOT include shipping. Non-credit customers or customers placing contract growing orders must submit a 25% deposit within 10 days of the order being placed. The balance is due in full before shipping for all non-credit customers; unpaid orders will not be shipped and we will not be held liable for deterioration of your plants while we wait for payment. We accept Visa and Master Card.

Minimum orders: Total order $100.00 minimum. Plants are sold in multiples of 50.

Cancelations: A 25% restocking charge will be billed on canceled or reduced orders. Cancelations or reductions of quantity ordered must be in writing. An order may not be canceled after the preparation of the order for shipping.

Substitutions: If we are unable to supply the size plants that you have requested, we reserve the right to substitute the next available size without notice, unless you have requested in writing that you do not want substitutions. You will be charged for the size shipped.

Shipping: Bare-root orders will be shipped by the method we think best unless you have specified otherwise. Orders are typically shipped UPS, truck freight, or delivered at cost. Orders may also be picked up at our nursery; please call a few days ahead to schedule a pickup. Tree and shrub orders held for shipping after April 1st must be prepaid in full and are subject to additional storage charges. We charge for shipping materials.

Claims: We take great care to provide quality healthy nursery stock. However, we can give no guarantee, expressed or implied, as to productiveness or life span. Buyers assume responsibility of the plants as soon as they receive them. Any stock received in unsatisfactory condition must be reported to us within 5 working days. Plant claims will be reviewed and credit issued where justified; at no time will we be responsible for more than the purchase price. We do not guarantee plants' survivability after leaving our care.

Non-guarantee: We do our best to fulfill all committed orders completely and on time, but will not be liable for delays or shortages that are out of our reasonable control including, but not limited to frost, heat waves, disease, flood, fire, labor shortages, transport delays, or otherwise.

Custom Propagation Services

If you have a project requiring plant species not listed in this publication, plants propagated from seed provenances other than those listed, or very large quantities of plants in a particular size, we encourage you to consider using our custom propagation services. We have extensive experience producing plants to meet special contract requirements. During the past ten years we have successfully completed growing contracts for the U.S. Forest Service, Seattle City Light, Seattle Metro, and the Washington Departments of Transportation, and Fish & Wildlife. Our experienced staff is always ready to discuss your plant needs – for question about trees, shrubs, perennials, and seed contact Dylan Levy-Boyd, *dylan@fourthcornernurseries.com*, for questions about bulbs contact Richard Haard, *richard@fourthcornernurseries.com*.

Unit Price
50 100 500 1000
A unit is one plant. All pricing is for individual plants based on total quantity purchased per species. Bare root plants are available in bundles of 50 only.

Grading

We take care to grade and ship high-quality, healthy plants, true to name and count. Height grades are measured from the soil line. Transplants are mostly but not always branched and have more developed root systems than seedlings. If you require special grading regarding branching or root systems, or quantities other than our standard bundle size, please ask and we will do our best to meet your needs for a small additional charge.

Seed Sourcing at Fourth Corner Nurseries

The lion's share of our plants are propagated from source identified seed. We take great pride and care in sustainably collecting the seed that we use from genetically diverse populations, and offer multiple seed sources of the most common restoration species. Knowing that much of the restoration work in our region is being done at low elevations surrounding the Puget Sound, we strive to offer at least one seed source from low elevation Puget Trough sites whenever possible.

Available sources for each species are listed in our catalog according to the EPA Level III Ecoregion from which the seed originates, two notable exceptions being: 1) conifers will be organized by the industry's tree seed zone maps; and 2) species for which the Level III Ecoregion is unknown will be organized by state. In the absence of species specific seed zones for native plants, Level III Ecoregions show promise as an approximate delimiter between populations under differing ecological conditions. If you prefer to use alternate seed zones, we are happy to work with you to determine if our specific collection sites conform to your project guidelines. We also continue to offer contract growing options which allow for propagation of particularly collected seed.

To view a map of the EPA Level III Ecoregions in the Pacific Northwest or the conifer seed zone maps, visit our website: fourthcornernurseries.com/seed-zone-maps/

Plant Availability

Each species listing is accompanied by a graphic displaying the months when that plant is generally available (indicated by green squares). A selection of grasses, sedges and rushes are available through the winter months for a slightly higher price, indicated by an additional color. Availability is subject to change.

Estimating and Planting

Spacing	*Number per sq. ft.*
6 inch	4.000 per sq. ft.
8 inch	2.250 per sq. ft.
12 inch	1.000 per sq. ft.
15 inch	0.640 per sq. ft.
18 inch	0.444 per sq. ft.
24 inch	0.250 per sq. ft.
30 inch	0.160 per sq. ft.
36 inch	0.111 per sq. ft.
48 inch	0.062 per sq. ft.
8 foot	0.015 per sq. ft.
10 foot	0.010 per sq. ft.

Area Formulas

Circle	π r2
Triangle	Base x Height x 0.5
Rectangle	Length x Width

Metric Conversions

10 cm	3.9 in	50 cm	19.7 in
15 cm	5.9 in	60 cm	23.6 in
20 cm	7.9 in	80 cm	31.5 in
25 cm	9.8 in	1.00 m	3 ft, 3.4 in
30 cm	11.8 in	2.00 m	6 ft, 6.7 in

TREES & SHRUBS

A Note About Trees & Shrubs

Our trees and shrubs are propagated from source identified wild-collected seed. All stock is field grown and shipped bare root, unless noted in the species description. In early winter, once plants are fully dormant, they are dug, graded to size, counted and bundled for shipping.

Standard graded bare root seedling size classes (measured from soil line):

- 6-12"
- 12-18"
- 18-36"
- 36+"

Seedlings are grown in a bed for 1-2 years. Transplants are grown as seedlings for a year, then dug and replanted for at least one additional growing season. Transplants generally have a larger stem caliper, and more developed root system compared to seedlings, making them a good choice for out-planting.

Standard bundles contain 50 plants each. Some species require non-standard grading, due to growth habit or size (e.g. vining plants are often sold as 3"+ and 12"+). Prior to shipping, bare root stock are packed into bags and held in cold storage, oversized stock is bunkered into sawdust.

Current Availability and Pricing is posted at *www.fourthcornernurseries.com*

Acer circinatum *(Vine Maple)*

FAC

Small deciduous tree native to Pacific Northwest forests. Red fall color, irregular growth habit with multiple stems to 25-35'. Has excellent soil binding and erosion control capabilities. Tolerates sun or shade. Closely related to Japanese maples.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	1-0	6-12"	1.30	1.71	.91	.65
	2-0	12-18"	1.40	1.26	.98	.70
		18-36"	1.90	1.71	1.33	.95
		36"+	3.80	3.42	2.66	1.90
Transplant		12-18"	2.90	2.61	2.03	1.45
		18-36"	3.10	2.79	2.17	1.55

Available: J F M A M J J A S O N D

Acer glabrum v. douglasii *(Douglas Maple)*

FACU

Small deciduous tree to 35'. Prefers drier sites, sun or shade. Leaves are wine-red in fall, twigs and buds red in winter. Has excellent soil binding, erosion control capabilities. Grows from British Columbia and Alberta south to California and east to Montana and Wyoming.
Provenance: 02-Puget Lowland, 77-North Cascades

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	1-0	6-12"	1.20	1.08	.84	.60
		12-18"	1.30	1.17	.91	.65
	2-0	18-36"	1.60	1.44	1.12	.80
		36"+	1.60	1.44	1.12	.80

Available: J F M A M J J A S O N D

Acer macrophyllum *(Bigleaf Maple)*

FACU

Grand deciduous shade tree to 100' for large open spaces. Rapid growth quickly provides shade and large woody debris for stream banks. Flowers are an early nectar source. Bright yellow fall color. Has excellent soil binding, erosion control capabilities. Native from British Columbia to California.
Provenance: 02-Puget Lowland, 03-Willamette Valley

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	12-18"	1.10	.99	.77	.55
	18-36"	1.40	1.26	.98	.70
	36"+	1.40	1.26	.98	.70

Available: J F M A M J J A S O N D

Alnus incana ssp. tenuifolia *(Mountain Alder, Thinleaf Alder)*

FACW

Native nitrogen-fixing shrub or small tree to 35', with attractive white bark. Prefers moist ground, most commonly found east of the Cascades; widespread across western North America.
Provenance: 10-Columbia Plateau

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	1-0	6-12"	1.20	1.08	.84	.60
		12-18"	1.30	1.17	.91	.65
		18-36"	1.70	1.53	1.19	.85
		36"+	1.70	1.53	1.19	.85

Available: J F M A M J J A S O N D

Alnus rubra *(Red Alder)*

FAC

Rapid-growing native deciduous tree to 80-100'. Nitrogen-fixing pioneer species on mineral soils, yellow fall color. Native from Alaska to California, Idaho, and Montana.
Provenance: ALRU4-Nooksack, ALRU4-PugetSound, 03-Willamette Valley

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.10	.99	.77	.55
	12-18"	1.20	1.08	.84	.60
	18-36"	1.40	1.26	.98	.70
	36"+	1.40	1.26	.98	.70
Transplant	18-36"	1.40	1.26	.98	.70
Plug	Plug-15	1.40	1.26	.98	.70

Available: J F M A M J J A S O N D

Alnus viridis ssp. sinuata [A.sinuata, A.crispa] *(Sitka Alder)*

FACW

Native shrub or small tree to 20-25'. Nitrogen-fixer with good ornamental or urban buffer tree potential; tolerates wide variety of soil and light conditions. Tolerates salt spray in shoreline plantings. Has excellent soil binding, erosion control capabilities.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.10	.99	.77	.55
	12-18"	1.20	1.08	.84	.60
	18-36"	1.60	1.44	1.12	.80
	36"+	1.60	1.44	1.12	.80

Available: J F M A M J J A S O N D

Amelanchier alnifolia *(Serviceberry)*

FACU

Lovely shrub from 6-20' tall on moist to dry well-drained sites. Showy white flowers, edible fruit. An important shrub for wildlife habitat. Tolerates salt spray in shoreline plantings. Has excellent soil binding, erosion control capabilities. Native across most of northern North America.
Provenance: 02-Puget Lowland, UT

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.20	1.08	.84	.60
	12-18"	1.30	1.17	.91	.65
	18-36"	2.00	1.80	1.40	1.00
	36"+	2.00	1.80	1.40	1.00

Available: J F M A M J J A S O N D

Amelanchier utahensis *(Utah Serviceberry)*

UPL

Forms a shrub or small tree 6-12' tall. Deciduous, blooms in May with clusters of white flowers. Purplish-black fruits stay on the shrub longer than A. alnifolia. Plants provide cover, nesting sites, and food for birds. Generally found on dry, rocky sites above 5,000' from Wyoming to Oregon and south to New Mexico and California.
Provenance: UT

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.20	1.08	.84	.60
	12-18"	1.30	1.17	.91	.65
	18-36"	2.00	1.80	1.40	1.00
	36"+	2.00	1.80	1.40	1.00

Available: J F M A M J J A S O N D

Aronia melanocarpa *(Black Chokeberry)* — NL

Non-Native

Eastern North America with white flowers and dark purple fruits. Grows well in sunny or partially shady moist sites. Our seed source is not from North America.
Provenance: EU

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	1-0	6-12"	1.40	1.26	.98	.70
	2-0	12-18"	1.60	1.44	1.12	.80
		18-36"	1.80	1.62	1.26	.90
		36"+	1.80	1.62	1.26	.90

Available: J F M A M J J A S O N D

Betula occidentalis *(Water Birch)*

FACW

Attractive small tree or large clump-forming shrub to 30' tall with reddish-brown bark. Found along streams and in moist forests, Alaska to California, east of the Cascades.
Provenance: 10-Columbia Plateau

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.30	1.17	.91	.65
	12-18"	1.30	1.17	.91	.65
	18-36"	1.60	1.44	1.12	.80
	36"+	1.60	1.44	1.12	.80

Available: J F M A M J J A S O N D

Betula papyrifera *(Paper Birch)*

FAC

Widespread across northwestern North America, this native deciduous tree grows to 100'. White peeling bark in older plants and oval to round leaves with golden fall color make this an attractive ornamental or restoration species.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.30	1.17	.91	.65
	12-18"	1.30	1.17	.91	.65
	18-36"	1.60	1.44	1.12	.80
	36"+	1.60	1.44	1.12	.80

Available: J F M A M J J A S O N D

Calycanthus occidentalis *(Western Sweetshrub)*

FAC

Attractive California native shrub 6-12' with fragrant, deep red flowers May-August. Deer resistant, grows in sun to part shade, common in riparian habitats.
Provenance: 05-Sierra Nevada

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	2-0	6-12"	1.10	.99	.77	.55
		12-18"	1.30	1.17	.91	.65
		18-36"	1.40	1.26	.98	.70

Available: J F M A M J J A S O N D

Ceanothus sanguineus *(Redstem Ceanothus)* — NL

Deciduous shrub to 9' tall, with red stems and white flowers. Difficult to grow in a container. Found on gravelly soil in southern British Columbia to California, eastward to Montana.
Provenance: 02-Puget Lowland, 09-E.Cascade Slope/Foothills, 77-North Cascades

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.20	1.08	.84	.60
	12-18"	1.30	1.17	.91	.65
Transplants	12"+	1.30	1.17	.91	.65

Available: J F M A M J J A S O N D

Ceanothus velutinus *(Mountain Balm, Snowbrush Ceanothus)* — NL

This aromatic shrub, native to western North America, grows to 3-12' depending on conditions. An attractive, evergreen ornamental with fragrant white flowers. Prefers sunny or partially shaded conditions, drought tolerant. Nitrogen-fixing capabilities allow the species to thrive in nutrient-poor soils. Difficult to grow in a container. Important host plant and nectar source for butterflies.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	3-6"	1.20	1.08	.84	.60
	6-12"	1.20	1.08	.84	.60
	12-18"	1.30	1.17	.91	.65

Available: J F M A M J J A S O N D

Cercis canadensis *(Eastern Redbud)*

UPL

Pea family, multi-stemmed deciduous tree with pink blossoms. Grows 20-30'. Low maintenance, deer resistant; attracts butterflies. Eastern US, southern Ontario and central Mexico.

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	.85	.80	.65	
	12-18"	1.40	1.00	.70	

Available: J F M A M J J A S O N D

Cercocarpus ledifolius *(Curl-Leaf Mountain Mahogany)* — NL

Shrub or small tree to 30' with time. Evergreen foliage accents white bark; drought-deciduous in extreme conditions. Most widely distributed Mountain Mahogany, native to inland northwest, south to California, Arizona, and Baja California.
Provenance: UT

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.30	1.17	.91	.65
Transplant	6-12"	1.30	1.17	.91	.65

Available: J F M A M J J A S O N D

Cornus sericea [stolonifera] *(Redtwig Dogwood, Red Osier Dogwood)* — NL

Thicket-forming native shrub with dark red stems, white flower clusters, white berries. Great wildlife and erosion-control plant. Grows to 10-14' tall, often used as an ornamental. Native across most of North America. Our Puget Lowland strain is disease resistant here.
Provenance: 02-Puget Lowland, 03-Willamette Valley, 09-E. Cascade Slope/Foothills, 10-Columbia Plateau

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.00	.90	.70	.50
	12-18"	1.10	.99	.77	.55
	18-36"	1.20	1.08	.84	.60
	36"+	1.20	1.08	.84	.60

Available: J F M A M J J A S O N D

Corylus cornuta v. californica *(Beaked Hazelnut)*

FACU

Small tree or multistem shrub to 25' tall in sun or shade. Excellent wildlife plant; nuts are food for birds and squirrels. Coppices quickly after disturbance. Native from British Columbia south through the coastal states to California.
Provenance: 02-Puget Lowland, 09-E. Cascade Slope/Foothills, 77-North Cascades

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	3.00	2.70	2.10	1.50
	12-18"	4.00	3.60	2.80	2.00
Transplant	12-18"	5.00	4.50	3.50	2.50
	18"+	6.00	5.40	4.20	3.00

Available: J F M A M J J A S O N D

TREES & SHRUBS

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+

Crataegus douglasii *(Douglas Hawthorn, Black Hawthorn)*

FAC

Shrubby tree to 30' tall with large thorns, white flowers in early spring, and black fruit. Excellent wildlife plant; flowers attract butterflies and fruit attracts birds. Commonly found along streams throughout most of northern North America.
Provenance: 02-Puget Lowland, 03-Willamette Valley, 10-Columbia Plateau

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	6-12"	1.20	1.08	.84	.60
	12-18"	1.30	1.17	.91	.65
	18-36"	1.40	1.26	.98	.70
	36"+	1.40	1.26	.98	.70
Transplants	18-36"	1.40	1.26	.98	.70

Frangula [Rhamnus] purshiana *(Cascara Buckthorn)*

FAC

Small tree with glossy green deciduous leaves, reaching 40'. Excellent ornamental potential. Prefers moist soils in full sun to partial shade. Birds like the black fruit, and beavers rarely bother this tree in stream bank plantings. Grows from British Columbia south to California, east through Idaho and Montana.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling		6-12"	1.20	1.08	.84	.60
		12-18"	1.30	1.17	.91	.65
		18-36"	1.60	1.44	1.12	.80
Transplant		12"+	1.60	1.44	1.12	.80

Fraxinus latifolia *(Oregon Ash)*

FACW

Northwest native deciduous tree to 60'. A true wetland tree with bright green, pinnately compound leaves. Wildlife enjoy seeds. British Columbia south through California, primarily west of Cascade Range.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	1-0	6-12"	1.20	1.08	.84	.60
	2-0	12-18"	1.40	1.26	.98	.70
		18-36"	1.50	1.35	1.05	.75
		36"+	1.50	1.35	1.05	.75
Transplant		18-36"	1.60	1.44	1.12	.80

Gaultheria shallon *(Salal)*

FACU

Broad-leaved evergreen shrub native to the western coast states. Bears teardrop white flowers and edible, blueberry-like fruit. Prefers at least partial shade, grows to 4'. Available only in containers.
Provenance: 02-Puget Lowland or selected strains

In production; inquire for availability

Holodiscus discolor *(Ocean Spray)*

FACU

Deciduous shrub to 8-15', with creamy white flowers in long clusters, orange fall color. Provides nectar for pollinators, larval food for many butterfly species, and seeds for birds. One of our most beneficial native shrubs for landscape use. Prefers partial shade to full sun and well-drained soil. Tolerates salt spray in shoreline plantings. Native from British Columbia south to California and Arizona, east to Montana.
Provenance: 02-Puget Lowland, 03-Willamette Valley, 09-ECascadeSlope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	1-0	6-12"	1.40	1.26	.98	.70
		12-18"	1.50	1.35	1.05	.75
	2-0	18-36"	1.60	1.44	1.12	.80
		36"+	1.40	1.26	.98	.70

Holodiscus discolor (Ocean Spray)

Lonicera involucrata *(Black Twinberry, Twinberry Honeysuckle)*

FAC

Deciduous shrub 6-14' in height. Yellow flowers and purplish-black fruit are great for wildlife. This shrub is fast growing and provides excellent erosion control. Prefers moist, open to partially shaded sites. Tolerates salt spray in shoreline plantings. Grows throughout the western states and across Canada.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	6-12"	1.20	1.08	.84	.60
	12-18"	1.30	1.17	.91	.65
	18-36"	1.40	1.26	.98	.70
	36"+	1.40	1.26	.98	.70
Transplant	18-36"	1.40	1.26	.98	.70

Note: Mahonia often defoliates during transplanting, however, once new roots are established they will quickly re-foliate.

Mahonia [Berberis] aquifolium *(Tall Oregon Grape, Hollyleaved Barberry)*

FACU

A Northwest native shrub with shiny evergreen foliage, yellow flowers and dusty-blue berries. Berries eaten by birds and mammals, nectar by pollinators, flowers attract native bees. Prefers moist to dry well-drained soil in full sun to partial shade. Tolerates salt spray in shoreline plantings. Grows to 3-7' in height, strongly rhizomatous.
Provenance: 02-Puget Lowland, 03-WillametteValley, 15-Northern Rockies

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	1-0	3-6"	1.30	1.17	.91	.65
	2-0	6-12"	1.60	1.44	1.12	.80
		12-18"	1.70	1.53	1.19	.85
		18-36"	1.70	1.53	1.19	.85
Transplant		12"+	1.70	1.53	1.19	.85

Mahonia [Berberis] nervosa *(Cascade Oregon Grape, Cascade Barberry)*

FACU

Rhizomatous, evergreen shrub with yellow flowers in early spring followed by blue berries which are eaten by birds and mammals. Grows in dry to moist well-drained soil in partial to full shade. Native from Washington to California, and northern Idaho. Available only in plug trays.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Mahonia [Berberis] repens *(Creeping Oregon Grape, Creeping Barberry)*

NL

Evergreen groundcover for sun or part shade, yellow flowers early spring, followed by blue berries eaten by birds and wildlife, 12-18" tall. Flowers attract native bees. Native from the Pacific states to the Rockies.
Provenance: 15-Northern Rockies, UT

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	1-0	3-6"	1.50	1.35	1.05	.75
	2-0	6-12"	1.60	1.44	1.12	.80
		12-18"	1.70	1.53	1.19	.85
Transplant		12"+	1.80	1.62	1.26	.90

Malus fusca *(Pacific Crabapple)*

FACW

Shrubby tree to 35' tall. Flowers and fruits are attractive and beneficial for many kinds of wildlife. Prefers moist to wet habitats, including near salt water and estuaries as well as freshwater locations. Native from Alaska and British Columbia south to northwestern California.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	1-0	6-12"	1.20	1.08	.84	.60
		12-18"	1.30	1.17	.91	.65
	2-0	18-36"	1.60	1.44	1.12	.80
		36"+	1.60	1.44	1.12	.80
Transplant		18-36"	1.70	1.53	1.19	.85

Malus fusca (Pacific Crabapple)

Morella californica *(Pacific Wax Myrtle, Pacific Bayberry)*

FACW

Evergreen shrub or small tree, 6-20' tall, with aromatic leaves, inconspicuous flowers, and bumpy, purplish-black fruit in fall. Grows in full sun to shade; drought tolerant when established. Plants tolerates salt spray, roots fix nitrogen. Grows along the Pacific coast from central Washington to southern California.
Provenance: 01-Coast Range

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Myrica gale *(Sweet Gale)*

OBL

Deciduous shrub 3-4' tall. Found along margins of bogs, estuaries, and lakes across northern North America; leaves emit sweet scent when rubbed. Coppices quickly after disturbance, waxy fruits eaten by birds in winter. Tolerates salt spray in shoreline plantings.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	6-12"	1.60	1.44	1.12	.80	
	12-18"	1.70	1.53	1.19	.85	
	18-36"	1.80	1.62	1.26	.90	
Transplants	12"+	1.80	1.62	1.26	.90	

Oemleria cerasiformis *(Indian Plum, Osoberry)*

FACU

Our earliest native spring bloomer, reaching 12-18' with white flowers and purple fruit. Male and female flowers on separate plants. A bird favorite. This is one of our most attractive and beneficial native shrubs for landscape use. Coppices quickly after disturbance, best in moist rich soil, sun to partial shade. Grows west of the Cascades and Sierras, from British Columbia to California.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	1-0	6-12"	1.20	1.08	.84	.60
		12-18"	1.30	1.17	.91	.65
	2-0	18-36"	1.50	1.35	1.05	.75
		36"+	1.50	1.35	1.05	.75
Transplant		18-36"	1.60	1.44	1.12	.80

Philadelphus lewisii *(Mock Orange)*

NL

An attractive, hardy native with fragrant, white flowers; attracts butterflies. Prefers a sunny well-drained site. Grows to 8-12' tall from British Columbia and Alberta south to California, Idaho, and Montana.
Provenance: 02-Puget Lowland, 03-Willamette Valley, 10-Columbia Plateau, 15-Northern Rockies

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	6-12"	1.20	1.08	.84	.60	
	12-18"	1.30	1.17	.91	.65	
	18-36"	1.40	1.26	.98	.70	
	36"+	1.40	1.26	.98	.70	

Physocarpus capitatus *(Pacific Ninebark)*

FACW

Tall shrub with attractive leaves and beautiful creamy-white pom-pom flower clusters in spring. Benefits wildlife with cover, nesting sites, and food. Fibrous roots have excellent soil binding qualities. Prefers moist ground in sun to partial shade; 15-18'. Grows from Alaska south to California, and in Idaho.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	1-0	6-12"	1.20	1.08	.84	.60
		12-18"	1.30	1.17	.91	.65
	2-0	18-36"	1.40	1.26	.98	.70
		36"+	1.40	1.26	.98	.70

Populus balsamifera ssp. trichocarpa *(Black Cottonwood)*

FAC

Western North American deciduous tree. Fast growing to 120'. Likes deep moist soils and full sun.
Provenance: 03-Willamette Valley, POTR2-PugetSound, POTR7-Yakima

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	6-12"	.90	.81	.63	.45
	12-18"	1.00	.90	.70	.50
	18-36"	1.10	.99	.77	.55
	36"+	1.10	.99	.77	.55

Populus tremuloides *(Quaking Aspen)*

FACU

North American native tree to 90'. White bark and heart-shaped "quaking" leaves make it nice as a small grove. Spreads by rhizomes.
Provenance: 15-Northern Rockies

Available	J	F	M	A	M	J	J	A	S	O	N	D

Seedling	6-12"	1.30	1.17	.91	.65
	12-18"	1.60	1.44	1.12	.80
	18-36"	1.80	1.62	1.26	.90
	36"+	1.80	1.62	1.26	.90

TREES & SHRUBS

Prunus emarginata *(Bitter Cherry)*

FACU

Western North American shrub or small tree, reaching 45' in height. Common in moist forests, along streams, and in open areas.
Bright red fruit is wildlife food.
Provenance: 02-Puget Lowland, 09-E.Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.30	1.17	.91	.65
	12-18"		1.50	1.35	1.05	.75
	18-36"		1.80	1.62	1.26	.90
	36"+		1.80	1.62	1.26	.90

Prunus virginiana v. melanocarpa *(Black Chokecherry)*

FACU

Shrub or small tree to 20', native to western North America. Black fruits are favored by birds. Commonly found in moist sites east of the Cascades.
Provenance: 03-Willamette Valley, 15-Northern Rockies

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.10	.99	.77	.55
	12-18"		1.20	1.08	.84	.60

Quercus garryana *(Garry Oak, Oregon White Oak)*

FACU

Our coastal oak, native from British Columbia to California. A broad, gnarled deciduous tree to 80' tall. Acorns are wildlife food. Prefers good drainage.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	2-0	6-12"	1.50	1.35	1.05	.75
		12-18"	1.60	1.44	1.12	.80
		18-36"	1.80	1.62	1.26	.90

Rhamnus purshiana *(Cascara Buckthorn)* please see Frangula purshiana

Rhus glabra *(Smooth Sumac)*

NL

North American native rhizomatous shrub to 15' tall, prefers sun and well-drained soil. Bright orange-red fall color, red berries are good wildlife food. Will spread to form a thicket, control erosion.
Provenance: 15-N Rockies

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		.80	.72	.56	.40
	12-18"		.90	.81	.63	.45
	18-36"		1.00	.90	.70	.50
	36"+		1.00	.90	.70	.50

Rhus trilobata *(Skunkbrush Sumac)*

NL

Western native drought tolerant shrub to 6' tall. Small flower clusters lead to fuzzy orange fruits.
Provenance: AZ, CO

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.40	1.26	.98	.70
	12-18"		1.80	1.62	1.26	.90
Transplants	12"+		1.80	1.62	1.26	.90

Ribes aureum *(Golden Currant)*

FAC

Attractive deciduous shrub to 9' tall, with fragrant yellow flowers and fruit that attracts birds. Found east of the Cascades in moist to dry sites, and across much of the United States.
Provenance: 10-Columbia Plateau

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.30	1.17	.91	.65
	12-18"		1.50	1.35	1.05	.75
	18-36 "		1.70	1.53	1.19	.85
Transplant	18-36"		1.70	1.53	1.19	.85

Ribes bracteosum *(Stink Currant)*

FAC

Sun or shade loving shrub, 4-8', of stream banks and wet places. Broad maple-like leaves with pungent but not unpleasant odor. Long clusters of white and greenish-yellow flowers in May and June followed by dusty blue-black berries, which are eaten by birds and small mammals. Native from coastal southeast Alaska southward to the northwest coast of California. Grows on both sides of the Cascades in Washington.
Provenance: 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	2-0	6-12"	1.50	1.35	1.05	.75
		12-18"	1.70	1.53	1.19	.85
		18-36"	1.90	1.71	1.33	.95

Ribes cereum *(Wax Currant)*

NL

Native deciduous shrub to 6' tall, with white to light pink flowers and red fruit. Found east of the Cascades in dry sunny locations. Also grows across much of the western United States and into British Columbia.
Provenance: 09-E. Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.30	1.17	.91	.65
	12-18"		1.50	1.35	1.05	.75
	18-36"		1.70	1.53	1.19	.85

Ribes divaricatum *(Black Gooseberry, Spreading Gooseberry)*

FAC

Heavily thorned small shrub from moist to wet habitats west of the mountains, Washington to California. Black fruit is wildlife food. Good for hedgerow, wildlife, and barrier plantings.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.30	1.17	.91	.65
	12-18"		1.50	1.35	1.05	.75
	18-36"		1.70	1.53	1.19	.85

Ribes lacustre *(Swamp Gooseberry, Prickly Currant)*

FAC

North American prickly shrub 2-4' tall, with pale red flowers and black fruit. Prefers moist to wet sites in partial shade.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.50	1.35	1.05	.75
	12-18"		1.70	1.53	1.19	.85
	18-36"		1.90	1.71	1.33	.95

Ribes sanguineum *(Red Flowering Currant)*

FACU

Shrub with showy pink-red flowers in the spring that attract hummingbirds, and dark blue berries. Prefers well-drained conditions in sun or partial shade. Grows 6-12'. Native west of the Cascades and Sierras from southern British Columbia to California. This species may be difficult to grow in containers.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.20	1.08	.84	.60
	12-18"		1.40	1.26	.98	.70
	18-36"		1.60	1.44	1.12	.80

Rosa gymnocarpa *(Bald Hip Rose, Dwarf Rose)*

FACU

Woodland rose with masses of pink flowers in May and June, small red hips, nice in dry shade plantings. Grows to 5', prefers partial shade. Native throughout the Pacific Northwest, from British Columbia to northern California, and across northern Idaho to western Montana.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.20	1.08	.84	.60
	12-18"		1.40	1.26	.98	.70
	18-36"		1.50	1.35	1.05	.75
	36"+		1.50	1.35	1.05	.75

Rosa nutkana *(Nootka Rose)*

FAC

Western native rose with showy pink flowers, and large, solitary hips. Strongly rhizomatous, will form thickets 6-8' tall in dryish to moist habitats. Good for erosion control, wildlife, and barrier plantings. Tolerates salt spray in shoreline plantings.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	1-0	6-12"	1.20	1.08	.84	.60
		12-18"	1.30	1.17	.91	.65
	2-0	18-36"	1.40	1.26	.98	.70
		36"+	1.40	1.26	.98	.70
Transplant		18-36"	1.50	1.35	1.05	.75

Rosa pisocarpa *(Peafruit Rose, Cluster Rose)*

FAC

Western rose native from British Columbia to northern California with clusters of pink flowers and small, pear-shaped red hips. Rhizomatous, grows 6-8', likes moist habitats, full sun to part shade. Good for erosion control, wildlife, and barrier plantings. Can handle some drought.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	1-0	6-12"	1.10	.99	.77	.55
		12-18"	1.20	1.08	.84	.60
	2-0	18-36"	1.30	1.17	.91	.65
		36"+	1.30	1.17	.91	.65

Rosa pisocarpa (Peafruit Rose, Cluster Rose)

Rosa rugosa *(Rugosa Rose)* Non-native

UPL

Introduced shrubby rose with pink or white fragrant flowers and large red hips. Good for urban plantings. Full sun to light shade.
Provenance: EU

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	1-0	6-12"	1.20	1.08	.84	.60
	2-0	12-18"	1.30	1.17	.91	.65
		18-36"	1.50	1.35	1.05	.75
		36"+	1.50	1.35	1.05	.75

Rosa woodsii *(Woods' Rose)*

FACU

Rhizomatous, thicket-forming rose with fragrant pink flowers, June-August, and clusters of red hips. Native across Canada, and east of the Cascades south through the Sierras in California, and eastward to the Dakotas, Nebraska, and Minnesota. Grows in wide variety of habitats, as a pioneer plant on disturbed sites, to open bluffs and meadows, and even as understory in open forests.
Provenance: 10-Columbia Plateau

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	1-0	6-12"	1.20	1.08	.84	.60
		12-18"	1.30	1.17	.91	.65
	2-0	18-36"	1.40	1.26	.98	.70
		36"+	1.40	1.26	.98	.70

Rubus leucodermis *(Blackcap Raspberry, Whitebark Raspberry)*

FACU

Western North American prickly shrub to 5' tall, with tasty black fruit. Not rhizomatous, but arching branches will root at the tip to form new clumps. Tolerates dry rocky soils, partial shade.
Provenance: 04-Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.20	1.08	.84	.60
	12"+		1.40	1.26	.98	.70

Rubus parviflorus *(Thimbleberry)*

FACU

Vigorous shrub to 5-8', rhizomatous, with good soil binding properties. A common plant with showy white flowers and edible red fruit, beneficial for wildlife. Tolerates salt spray in shoreline plantings. Prefers moist to dry soil in sun or partial shade. Native across western North America, and from the Great Lakes to Hudson Bay.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"		1.20	1.08	.84	.60
	12-18"		1.30	1.17	.91	.65
	18-36"		1.40	1.26	.98	.70
	36"+		1.40	1.26	.98	.70

Rubus spectabilis *(Salmonberry)*

FAC

Native to the west coast of North America, this shrub grows 6-10', with reddish-purple flowers and edible fruit. Flowers are an important early nectar source. Rhizomatous and thicket-forming in moist to wet conditions.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	1-0	6-12"	1.10	.99	.77	.55
	2-0	12-18"	1.20	1.08	.84	.60
		18-36"	1.30	1.17	.91	.65
		36"+	1.30	1.17	.91	.65

Rubus ursinus *(Pacific Blackberry)*

FACU

Our only native blackberry—a prickly vine, with long trailing stems rooting at the tip, white flowers, and tasty black berries. Common along the coast and in lowland clearings, from British Columbia to California, Idaho and Montana. Tolerates salt spray in shoreline and bluff plantings. Good for erosion control.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	3-12"		1.30	1.17	.91	.65
	12"+		1.40	1.26	.98	.70

Rubus ursinus (Pacific Blackberry)

Salix bebbiana *(Bebb Willow)*

FACW

Common willow in wet to dry sites. Shrubby, to 12' tall. Native from the Cascades to the Rockies, and across the northern states to New England.
Provenance: 10-Columbia Plateau

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	12-18"	.90	.81	.63	.45
	18-36"	1.00	.90	.70	.50
	36"+	1.00	.90	.70	.50

Salix exigua *(Narrowleaf Willow, Sandbar Willow)*

FACW

Western North American native willow commonly found on sandy steambanks and lakeshores. In Washington, only present east of the Cascades. Quick to form thickets and stabilize steambanks, can be aggressive under some conditions. Grows to 20'.
Provenance: 10-Columbia Plateau

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	12-18"	.90	.81	.63	.45
	18-36"	1.10	.99	.77	.55
	36"+	1.10	.99	.77	.55

Salix geyeriana *(Geyer Willow)*

FACW

Western North American native willow to 15' tall for wet habitats. Provides food for small birds and mammals, which eat buds, shoots, leaves, and catkins.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	12-18"	1.00	.90	.70	.50
	18-36"	1.20	1.08	.84	.60
	36"+	1.20	1.08	.84	.60

Salix hookeriana *(Hooker Willow, Dune Willow)*

FACW

A coastal wet habitat willow with cottony leaves and stems. Has a shrubby growth form reaching 20' tall, and produces a good spring bloom.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	12-18"	.90	.81	.63	.45
	18-36"	1.10	.99	.77	.55
	36"+	1.10	.99	.77	.55
Live Stake		.30/ft			

Salix lucida ssp. lasiandra *(Pacific Willow)*

FACW

Shrubby tree to 40-60' tall with elongated leaves, and yellow-green bark. Excellent soil binding and wildlife enhancing properties. Likes wet habitats. Grows across North America.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	12-18"	.90	.81	.63	.45
	18-36"	1.10	.99	.77	.55
	36"+	1.10	.99	.77	.55
Live Stake		.30/ft			

Salix piperi *(Hooker Willow, Dune Willow)* please see Salix hookeriana

Salix prolixa *(MacKenzie's Willow)*

OBL

Shrubby willow to 25'; common along rivers and creeks in western North America from the lowlands up into the mountains. Blooms early spring, food source for early pollinators, roots help prevent erosion.
Provenance: 02-Puget Lowland, 10-Columbia Plateau

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	12-18"	.90	.81	.63	.45
	18-36"	1.10	.99	.77	.55
	36"+	1.10	.99	.77	.55

Salix rigida *(MacKenzie's Willow)* please see Salix prolixa

Salix scouleriana *(Scouler's Willow)*

FAC

Fast-growing, multi-stemmed tree common on the coast and inland in moist to dry conditions in gravelly soils, full sun to partial shade. Drought and salt spray tolerant. Grows 30-50' tall. Has excellent soil binding, erosion control capabilities. Rapidly colonizes burned areas. Early spring bloom feeds pollinators.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	12-18"	1.10	.99	.77	.55
	18-36"	1.20	1.08	.84	.60
	36"+	1.20	1.08	.84	.60
Live Stakes		.30/ft			

Salix sessilifolia *(Northwest Sandbar Willow)*

FACW

Native streambank willow with strong running roots. Excellent erosion control qualities. Grows to about 25' tall.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	12-18"	1.10	.99	.77	.55
	18-36"	1.20	1.08	.84	.60
	36"+	1.20	1.08	.84	.60

Salix sitchensis *(Sitka Willow)*

FACW

Our most common shrubby willow, coast to mountains. Tolerates wide range of soil and moisture conditions in full sun to partial shade. Excellent erosion control qualities.
Provenance: 02-Puget Lowland, 03-WillametteValley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	12-18"	1.00	.90	.70	.50
	18-36"	1.10	.99	.77	.55
	36"+	1.10	.99	.77	.55
Transplants	18-36"	1.10	.99	.77	.55
Live Stakes		.30/ft			

Willows for Restoration

All of our bare root willows (and live stakes, since most are harvested from seeded beds) are propagated directly from seed collected yearly from wild populations. The ecological advantages of this approach (vs. stock derived purely from hardwood cuttings) are: 1) enhanced genetic variability bestowed by sexual recombination, and 2) automatic inclusion of both males and females—ensuring that the new planting will be self-sustaining.

Willows can be variable in their morphology. We identify our stock carefully, but our Salix lucida ssp. lasiandra, for example, may look somewhat different than the plants in your area due to natural variation within the species.

Sambucus caerulea *(Blue Elderberry)* please see Sambucus nigra ssp. cerulea

Sambucus nigra ssp. cerulea *(Blue Elderberry)*

FAC

Northwest native shrub 15-20' tall, with showy white flower clusters that attract butterflies and hummingbirds. Blue fruit is wildlife food and can be made into jellies and wines. Prefers moist to dry soils in sun to partial shade. Fast-growing once established, provides some erosion control.
Provenance: 02-Puget Lowland, 03-Willamette Valley, 09-E. Cascade Slope/Foothills, 10-Columbia Plateau

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	small	1.20	1.08	.84	.60
	large	1.70	1.53	1.19	.85

Sambucus racemosa *(Red Elderberry)*

FACU

One of the best shrubs for wildlife. A dense, pyramidal shrub with clusters of creamy-white flowers that attract butterflies and hummingbirds. Red fruit is loved by many bird species. Vigorous, to 20'. Tolerates salt spray in shoreline plantings, provides some erosion control. Native across most of North America.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	small	1.20	1.08	.84	.60
	large	1.70	1.53	1.19	.85

Shepherdia canadensis *(Russett Buffaloberry, Soapberry)*

UPL

Native nitrogen-fixing shrub to 15' tall with russet leaves and stems, red berries. Prefers well-drained sites in sun or partial shade. Coastal strain is relatively fast-growing, tolerates salt spray. Interior strain is very slow-growing.
Provenance: 15-Northern Rockies

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.80	1.62	1.26	.90

Lonicera involucrata (Black Twinberry, Twinberry Honeysuckle)

Sorbus scopulina *(Greene's Mountain Ash)*

FACW

Western North American shrub to 12' tall, with white flower clusters May-July, and orange-red fruit in September. The fruit persists through the winter, and is an important food source for birds. Prefers sun and medium-moist conditions. Grows from the foothills to the subalpine. Lovely in bloom, and spectacular in autumn with foliage in shades of orange to maroon, and colorful fruit.
Provenance: 04-Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.60	1.44	1.12	.80

Sorbus sitchensis *(Sitka Mountain Ash)*

FAC

Small shrub 3-12', with leaves divided into 7-11 leaflets. Grows from mid elevations to subalpine in the mountains of the Pacific Northwest. White flowers in late spring, berry clusters ripen to red, hang on after the leaves have fallen in autumn. Autumn leaf color vibrant orange to red. Berries are an important food source for migrating birds.

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.60	1.44	1.12	.80

Spiraea densiflora var. splendens *(Subalpine Spirea)* NL

Low shrub to 3' tall with pink flowers. Likes moist conditions in sun or partial shade. Native to the mountains in western North America.
Provenance: 04-Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.20	1.08	.84	.60
	12-18"	1.30	1.17	.91	.65

Spiraea douglasii *(Hardhack Spirea)*

FACW

Deciduous shrub native to western North America, grows 6-12' tall with showy pink flowers. Prefers wet habitats, sea level to subalpine, spreading vigorously by rhizomes. Competes favorably with reed canary grass. Tolerates salt spray in shoreline plantings.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	.90	.81	.63	.45
	12-18"	1.10	.99	.77	.55
	18-36"	1.20	1.08	.84	.60
	36"+	1.20	1.08	.84	.60
Transplant	18-36"	1.20	1.08	.84	.60

Spiraea lucida [betulifolia] *(Shinyleaf Spirea)*

FACU

Low native shrub 2-3' with beautiful ornamental qualities, soft green foliage and white flower clusters in early summer. Dry, sunny to partially shaded conditions. Drought tolerant.
Provenance: 77-North Cascades, 15-NRockies

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.20	1.08	.84	.60
	12-18"	1.30	1.17	.91	.65
Transplants	12"+	1.30	1.17	.91	.65

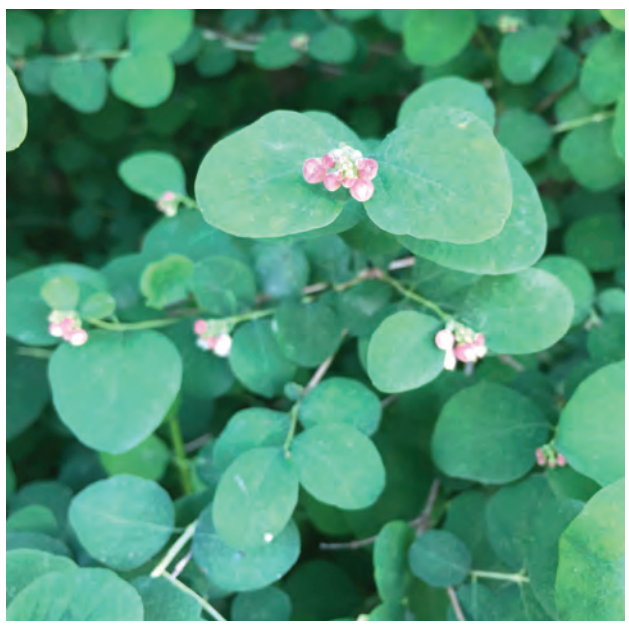
Symphoricarpos albus *(Common Snowberry)*

FACU

Common deciduous shrub to 4-7' tall with persistent white fruit, which is an important winter food source for birds. Spreading by rhizomes, this shrub provides excellent erosion control and is tolerant of a wide range of conditions from wet to dry, full sun to mostly shady. Tolerates salt spray in shoreline plantings. Native across most of North America.
Provenance: 02-Puget Lowland, 03-Willamette Valley, 09-ECadcade Slope/ Foothills, 10-Columbia Plateau, 15-Northern Rockies

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	1-0	6-12"	1.10	.90	.77	.55
	2-0	12-18"	1.20	1.08	.84	.60
		18-36"	1.60	1.44	1.12	.80
		36"+	1.60	1.44	1.12	.80
Transplant		18-36"	1.70	1.53	1.19	.85



Symphoricarpos albus (Common Snowberry)

Symphoricarpos hesperius *(Trailing Snowberry)* NL

Prostrate shrub with light pink flowers and white berries. Native in Pacific coast states and Idaho woodlands.
Provenance: 04-Cascades

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	2-0	3-6"	1.70	1.53	1.19	.85
		6-12"	1.80	1.62	1.26	.90
		12-18"	1.90	1.71	1.33	.95

Available	J	F	M	A	M	J	J	A	S	O	N	D

Symphoricarpos mollis please see *Symphoricarpos hesperius*

Symphoricarpos occidentalis *(Western Snowberry)*

FAC

Deciduous shrub found in moist places east of the Cascades. Small white berries often cling through winter to provide food for wildlife. Native east of the Cascades in Washington, southern British Columbia to Utah and east to the Atlantic coast.
Provenance: ND

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	3-6 "	1.70	1.53	1.19	.85
	6-12"	1.80	1.62	1.26	.90
	12-18"	1.90	1.71	1.33	.95

Available	J	F	M	A	M	J	J	A	S	O	N	D

Symphoricarpos orbiculatus *(Coralberry)*

UPL

Deciduous, dense shrub with arching stems, pinkish-white flowers June-July, and showy clusters of coral-red berries in the fall. Berries persist through winter, attracting birds. Grows 2-5' tall, full to part sun, well-drained soil, although it tolerates a wide range of soil types. Spreads by runners. Native from the Great Plains eastward to the central Atlantic coast, with scattered populations in Utah.
Provenance: PA

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	2-0	6-12"	1.80	1.62	1.26	.90
		12-18"	1.90	1.71	1.33	.95

Available	J	F	M	A	M	J	J	A	S	O	N	D

Symphoricarpos oreophilus v. utahensis *(Utah Snowberry)* NL

Deciduous shrub reaching 5' in height, with pink flowers June-August, and white fruits. Found in open sites generally between the Cascade and Sierra mountain ranges and the Rocky Mountains, with some spillover in eastern Montana. Grows from the foothills to high elevations, tolerates light shade, some drought.
Provenance: 10-Columbia Plateau

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.60	1.44	1.12	.80
	12-18"	1.80	1.62	1.26	.90

Available	J	F	M	A	M	J	J	A	S	O	N	D

Vaccinium membranaceum *(Black Huckleberry)*

FACU

Choice berries are sought after for baking, preserving, and trailside snacking across the western United States. Fruit is shiny and black when ripe. Deciduous shrub, grows to 6'.
Provenance: 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Vaccinium ovatum *(Evergreen Huckleberry)*

FACU

West coast evergreen shrub, densely bushy to 6-8' tall, light pink flowers and purplish-black berries. Most common in semi-open woods, in soils high in organic matter. A lovely shrub for ornamental plantings. Has excellent soil binding, erosion control capabilities, tolerant of salt spray. Cloned from selected western Washington lowland plants. Available in containers only.

Available	J	F	M	A	M	J	J	A	S	O	N	D

2" pots 2.00

Vaccinium parvifolium *(Red Huckleberry)*

FACU

Deciduous huckleberry found in the shaded understory of western forests. Prefers moist soil with plenty of organic matter, fruits better with more sunshine. Cloned from selected northwestern Washington lowland plants. Available in containers only.

Available	J	F	M	A	M	J	J	A	S	O	N	D

2" pots 2.00

Vaccinium parvifolium (Red Huckleberry)

Viburnum ellipticum *(Oval Leaved Viburnum, Common Viburnum)* NL

Northwest native deciduous shrub to 12' tall, with white flowers, black fruit, and reddish fall color. Found in dry, open woodlands in southern Washington to northern California, but can tolerate moist sites with dappled shade. Drought tolerant, good restoration plant for dry sites.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.40	1.26	.98	.70
	12-18"	1.60	1.44	1.12	.80
	18-36"	1.80	1.62	1.26	.90

Available	J	F	M	A	M	J	J	A	S	O	N	D

Viburnum opulus v. americanum *(American Cranberry Bush)*

FACW

Native across Canada and northern tier of United States in moist to swampy habitats. Shrubby growth to 8-12' tall and wide with white lacecap flowers in late spring, drooping clusters of cranberry-like fruits in the fall. Plants attract birds and butterflies.
Provenance: PA

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.80	1.62	1.26	.90

Available	J	F	M	A	M	J	J	A	S	O	N	D

Viburnum opulus v. opulus *(European Cranberry Bush)* Non-native

FACW

Naturalized in our area. Attractive fall foliage and red berries in winter. Prefers sunny aspect. Grows to 10'.

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Seedling	6-12"	1.20	1.08	.84	.60
	12-18"	1.70	1.53	1.19	.85

Available	J	F	M	A	M	J	J	A	S	O	N	D

Rubus parviflorus (Thimbleberry)

Purchase Order

Fourth Corner Nurseries

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Substitutions *(please check)*:
❑ If size ordered is unavailable, substitute next:
❑ largest size available ❑ smallest size available
(You will be charged for the size shipped)
❑ No substitutions

Please sign and return with a 25% deposit. Payment will be due before shipping.

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Send 25% of this amount to place a firm order

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TOTAL	

(Rewilding Agriculture continued from page 1)

are at risk of extinction, likely due to the spread of disease from managed bees used for crop pollination.

Ecologists monitoring insect populations elsewhere in the world consistently report similar findings. In Europe for example, scientists have documented a nearly 80% decline in insect biomass over the past 20 years. These trends should alarm us because insects perform a huge range of functions including pollination, nutrient cycling, and serving as food for other wildlife ranging from salmon to songbirds to grizzly bears.

Unfortunately, insect declines are representative of a much broader global loss of wild animals. In a mammoth report known as *The Living Planet Index* published every four years by the London Zoological Society and the World Wildlife Fund, scientists aggregate population surveys for thousands of different animal species from across the globe. In many cases there are multiple scientists conducting these surveys for individual species, which provides multiple data sets that can span decades. Aggregating many different population surveys for many different species provides an extremely comprehensive picture of overall global animal numbers. Through this approach, *The Living Plant Index*, has documented the disappearance of approximately 50% of Earth's wild animal abundance over the past 40 years.

As the single largest land use, it's not surprising that agriculture has one of the most direct and significant impacts on wildlife. Here in the United States since 2007, at least 12 million acres of perennial grassland have been converted to row crop production following federal legislation incentivizing corn production for ethanol. This represents a staggering loss of wildlife habitat. In this same timeframe, we have witnessed a relatively new class of very long lasting agricultural insecticides known as neonicotinoids used at an ever increasingly volume. These insecticides are highly toxic to a wide range of invertebrates and based on U.S. Geological Survey monitoring, are now found in about half of all surface waters across the country. With this rise in insecticides there are new concerns about what the loss of insects will mean for bird populations, and countless other types of wild animals.

Farming with Nature

There's a strange irony that even as wildlife declines accelerate, we know more and more about the significant and valuable role they play on farms. Among the current science on pollinators for example, researchers have repeatedly demonstrated that farms with sufficient amounts of natural habitat can get all of their crop pollination needs fulfilled by the wild bees supported by that habitat. (Typically this amounts to about 20 or 30% of the nearby landscape.) In the case of some high value crops, such as blueberries, yields actually increase when pollinator-friendly wildflowers are on planted on the edge of farms, making habitat restoration a profitable farm practice.

Moreover, this same habitat is also well documented to increase natural pest suppression. Over a 6-year period, the Xerces Society and scientists from UC Berkeley collaborated on a project to assess the benefits of native plant hedgerows to large-scale tomato and canola fields in California's Central Valley. Through that project, the lead researchers found that farms where native hedgerows were restored to field edges had greater levels of activity by predatory insects in the nearby crops. By placing egg masses of pest insects in the nearby crop fields, we were able to see the direct effect of beneficial insects migrating out of the hedgerows to attack those pest insect eggs. At a large enough scale, this type of habitat management can reduce or completely eliminate the need for insecticides.

Beyond insects, scientists have also documented

Not much to look at now, but this will soon be a native shrub hedgerow on a gigantic Eastern Washington apple orchard. Photo by Kitty Bolte of Xerces

Closeup of the newly planted hedgerow with the golden currant already in flower. Photo by Kitty Bolte of Xerces

significant pest suppression by songbirds. In one study for example, farms with nearby habitat had greater numbers of songbirds and those songbirds reduced alfalfa pests by more than 1/3. None of this is particularly new information however. As long ago as the early 1900's, the USDA produced a number of publications on the value of wildlife to farms. One from 1923, titled *The Economic Value of North American Skunks* included such sage commentary as, "The skunk conserves the food supply by preying upon insects and the other enemies of crops."

Aside from wildlife, native plants also provide countless other agricultural benefits, including field edge buffers that can reduce runoff, windbreaks and shelterbelts that protect against erosion, living cover that can increase water infiltration and recharge groundwater, and even grazing forage for livestock. While many of these conservation practices are very old and well established, today there is a renewed and growing interest in the benefits of integrating native plants back into farm systems.

Bringing Biodiversity Back to the Farm

Today those of us working in agricultural conservation have been lucky to ride a growing wave of interest in sustainable systems. Since the USDA formally established the National Organic Program almost 20 years ago, there has been a strong consumer response. In fact, for many major food companies, conventional (i.e. non-organic) products have stagnating profit margins while organic equivalents continue to increase in market share. Along with this consumer interest in food not treated with synthetic chemicals, there are growing calls both from farmers and consumers for farm systems that also sequester carbon, protect soil health by reducing or eliminating tillage, and provide habitat for pollinators.

The particular interest in pollinator conservation has occupied most of my professional capacity since the passage of the 2008 Farm Bill which, for the first time ever, mandated that USDA conservation programs offer technical and financial incentives to help farmers restore habitat for bees. This legislation has been reauthorized in every subsequent Farm Bill, and a dedicated Federal pollinator recovery plan was even developed by the Obama administration in 2015. Many of that plan's provisions are still in effect. Today, through the USDA incentive programs, many of which help defray the costs of habitat restoration, individual farmers across the U.S have collectively restored around 700,000 acres of wildflower field borders and native shrub hedgerows. This hardly offsets the overall national loss of habitat that has occurred in the same timeframe, but it is a positive step.

One of the most exciting recent developments has been the response of the food industry which is also making investments in native plant restoration on supplier farms for pollinators. These investments are driven by consumer expectations that food manufacturers do the right thing, as well as by an understanding that without pollinators, key ingredients will be more expensive and less available. Among these investments, we've seen enormous commitments by companies such as General Mills—which is targeting large-scale habitat restoration across nearly 300,000 acres of supplier farm lands, Nestle—which is currently planting flowering, drought-resistant native shrub hedgerows that are more than 6-miles long on California farms, and Danone North America – one of the largest organic food companies in the world which is working to create bee habitat on almond farms.

Pollinator field border—Clarkia in bloom at an Oregon blueberry farm. Photo by Eric Lee-Mäder of Xerces

Again, the conservation practices that farmers and food companies are increasingly adopting today are not new. The concept of hedgerows for example, can be dated back to bronze age Europe where they were developed as living fences to contain livestock. And in the centuries since, many other systems that integrate native plants back into agriculture have been widely studied through formal academic disciplines such as agroecology. While in recent years there has been a steady rise in farmer adoption of new twists on these ideas under the umbrella of 'regenerative agriculture' which focuses on carbon sequestration, and sustainable grazing to promotes systems such as silvopasture (grazing livestock under mature trees). What is new is the scale of this native plant restoration taking place on farms today, which is something we have not witnessed since Dust Bowl era efforts to plant shelterbelts and establish permanent soil-protecting ground covers. This is worth celebrating.

Native wildflower field border on a 2000-acre almond farm in California. Photo by Jessica Cruz of Xerces

A New Wild

Another moment and place that recharges my conservation batteries is my own farm on Whidbey Island every spring when the Camassia leichtlinii appears in an old sheep pasture. Today the sheep are gone and my family is focused on native seed and cider apple production. It's amazing to realize that our camas survived a century of grazing and plowing (our farm was one of the earliest homesteaded on the island), and more amazing to realize that our camas was part of a large complex of meadows across central Whidbey known to be harvested by native people for more than 5000 years. Watching native bees and butterflies move between camas blossoms and apple trees evokes a sense of wonder and begs the question of whether more farms can someday look like this. At this point it seems unlikely that we will ever restore large expanses of wilderness habitat for animals, but perhaps our farms can become a new sort of wilderness, one that makes for better food, preserves room for wildlife, and recharges all of our batteries.

Eric Lee-Mäder co-directs the Pollinator Conservation and Agricultural Biodiversity Program at the Xerces Society. He can be reached at: Eric@xerces.org.

Coastal Black Gooseberry—A *Ribes* to rave about

by Abe Lloyd

In my estimation, the tastiest of the many types of currants and gooseberries that are found in Western Washington is Coastal Black Gooseberry *(Ribes divaricatum)*. With smooth skin and tart flavor, they are a welcomed snack whenever I can find them. Compare them to our region's other *Ribes* which all have either daunting looking spines on the fruit, or strongly resinous flavor, and they have even more appeal.

The first time I laid eyes on a Coastal Black Gooseberry was in June of 1997. My high school buddy, his dad, and I were just getting started on an eight week canoe expedition through the Broughton Archipelago off the Central Coast of BC. Part of our mission was to supplement our diet with as much wild food as possible and we had only packed starchy staples like oatmeal, rice, and beans to force ourselves to forage for the balance of our diet. With little experience ocean fishing or collecting seaweeds, I was keen to collect as many berries as possible, but little was ripe beyond Salmonberries *(Rubus spectabilis)*.

The Red Huckleberries *(Vaccinium parvifolium)* were starting to blush when we paddled past the hope inspiring place name Berry Island to camp at Mound Island. There along the edge of the white shell beach was a plant I had never seen. I could tell it was related to Prickly Black Currant *(Ribes lacustre)*, but the stems weren't covered with fine prickles. Young berries were starting to form so I made a note to look for it in the coming weeks.

A month later, when hunger had honed our ability to pull Red Rock Crab out of the shallows barehanded, jig Kelp Greenling without snagging, peel seaweed off the rocks, bake clams on the fire, and find the best (by then ripe) berry patches, we returned to Mound Island to check on those gooseberries. Sure enough, they were ripe and we happily added the large black berries to our morning mix of rolled oats and mashed Salal berries. It was a perfect combination.

It wasn't until much later that I learned the full name of that gooseberry, and ever since then, I've always greeted it like a friend that treated me lavishly during hard but transformative times.

A small Coastal Black Gooseberry on Lopez Island

Coastal Black Gooseberry is a small hairy and armed shrub that normally grows 3-8 feet tall. The red-gray barked stems have up to 3 stout spines at the base of each leaf and normally lack prickles. The ¼-1 inch long spines are initially green, but redden in their first year and fade to orange or tan in subsequent years. Leaves are covered with fine hairs; petioles are ½-1 inch long; and leaf blades are maple shaped with 5 rounded and toothed lobes, the central being the largest and the lateral being the smallest (and sometimes absent). Flowers are solitary or born on 1-2 inch long racemes of 2-4 flowers; pedicels and peduncles are sparsely covered with gland tipped hairs or smooth. Each flower has 5 green-red sepals that usually curve backwards; petals are pinkish-white with a broad tip; the 5 stamens are white or pink, twice as long as the petals; the 2 pistils are covered with fine long hairs where they styles are fused, but are hairless where they split apart near the tip. Berries are purplish black when ripe, round, smooth, and 5/16-7/16" wide with withered flowers persisting on the tips.

Note the hairy styles that are fused at the base

(continued on page 16)

CONIFERS

General information about conifers

Rather than being selected for timber production, our conifers are grown from woods-run (wild collected) seed from the lowest elevation sources available.They may not be the straightest or the tallest, but these trees contain all of the genetic diversity that our iconic PNW forests have to offer, ensuring the best chance for establishing resilient, long-lived plant communities.

Conifers are available as plugs or plug transplants (P-1). Plug sizing is based on volume. For example, a plug-15 has 15 cubic inches of soil volume. Height varies, but typical height ranges are described in the chart below.

Conifer plugs are stored in frozen bundles and should be allowed to thaw before planting. Once plugs thaw their shelf-life is limited; please plant as soon as possible after thawing.

Abies grandis *(Grand Fir)*

FACU

The most common true fir of the lowlands, with glossy, deep green needles, grand fir provides important cover, nesting sites, and seeds for birds, squirrels, and other wildlife. Maximum height 200-250'. Native from British Columbia south to California, Idaho, and Montana.
Seed Zone: ABGR-3 at 500-1000' elevation (0-1000' band)

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Plug-15			1.44	1.30	1.01	.72

Picea sitchensis *(Sitka Spruce)*

FAC

Lowland conifer reaching 120-200' tall, common in wet habitats. Fast growing, with dense root systems for erosion control. Provides important wildlife habitat and shade for streams. Native from Alaska south to California. Tolerates salt spray in shoreline plantings.
Seed Zone: PISI-4 at 1000-1500’ elevation (only one elevation band exists)

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Plug-15			1.44	1.30	1.01	.72

Pinus contorta v. contorta *(Shore Pine)*

FAC

Two-needled pine with rounded stature to 40'. Adaptable to many soil types, from moist areas around lakes and bogs west of the Cascades to well-drained or nutrient-poor locations. Tolerates salt spray along shorelines. Native from Alaska south to northern California.
Seed Zone: PICO-6 at 500’ elevation (0-1000’ band)

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Plug-6			.96	.86	.67	.48
Plug-15			1.44	1.30	1.01	.72

Pinus contorta v. contorta (Shore Pine) plugs are offered in two sizes: plug-15 (left) and plug-6 (right)

Pinus ponderosa *(Ponderosa Pine)*

FACU

Long-lived tree native to the western United States. Grows 55-90' tall, drought tolerant, found in wide variety of soils, from fine textured to rocky, shallow to deep. The seeds are eaten by many birds, and the needles provide food for grouse.
Seed zone: PIPO-5 at 2500’ elevation (2000-3000' band)

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Plug-15			1.44	1.30	1.01	.72

Pseudotsuga menziesii *(Douglas Fir)*

FACU

Fast-growing, long-lived tree with densely set, soft needles that are dark green to blue-green in color. Native to western North America. Grows to 70-250' in height, preferably in deep, moist soil and full sun.
Seed Zone: PSME-4 at 200' elevation, PSME-5 at 100' elevation (both are in the 0-1000' band)

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Plug-6			.96	.86	.67	.48
Plug-15			1.44	1.30	1.01	.72

Thuja plicata *(Western Red Cedar, Canoe Cedar)*

FAC

A magnificent tree along the coast with drooping branches. Shade tolerant but not dependent. Grows to 80-200' tall in moist to wet soils. Native from southeastern Alaska to the northern coast of California.
Seed Zone: THPL-2 at 100' elevation (0-2000' band)

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Plug-10			1.32	1.19	.92	.66
Plug-15			1.44	1.30	1.01	.72

Tsuga heterophylla *(Western Hemlock)*

FACU

An important conifer in western forests, tolerant of sun or shade in well-drained soil. Recognized by its graceful pendant branches and spire-like drooping crown. Grows to 200' tall.
Seed Zone: TSHE-3 at 980’ elevation (0-1200’ band)

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Plug-10			1.32	1.19	.92	.66
Plug-15			1.44	1.30	1.01	.72

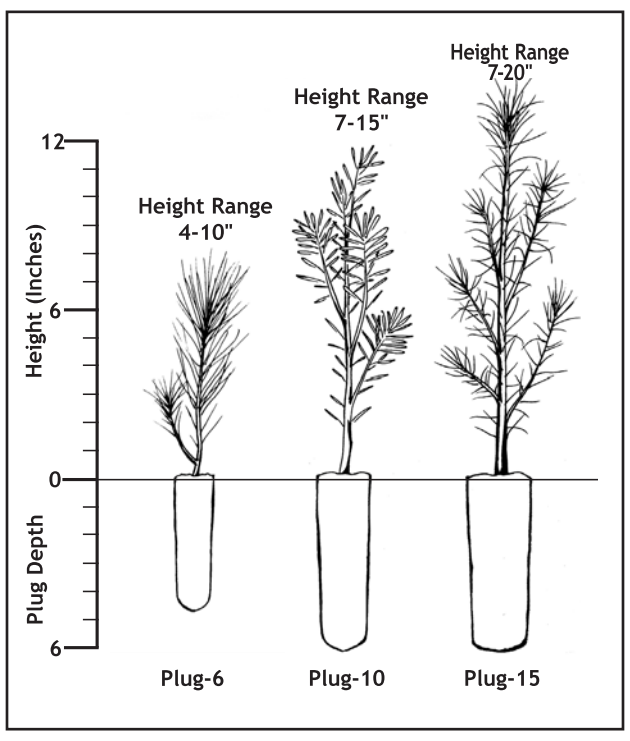
Tsuga mertensiana *(Mountain Hemlock)*

FACU

A lovely tree, with its graceful form, spire crown, and needles that look like little stars on the hanging branches. Can grow to 100' but often only grows to 20-30'. Generally a mountain tree, it is native from sea level to 3000’ in Alaska south through the West Coast mountains to over 8000' in Sequoia National Park, in the Sierras. Shade tolerant, grows best in cool, moist sites.
Seed Zone: coastal Vancouver Island, BC
(no new seed transfer zones exist for this species)

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	50	UNIT PRICE 100+	500+	1000+
Plug-6			1.32	1.19	.92	.66



A quick guide to deciphering conifer seed zones:

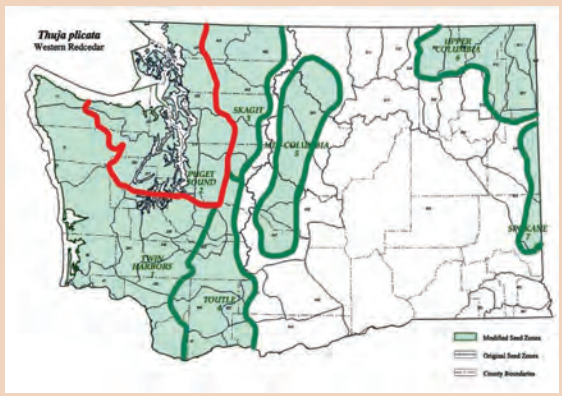
Species-specific seed zones were developed for many of our native conifers by the US Forest Service and the Washington State Department of Natural Resources in 2002. These research-based zones are better guidelines for seed transfer than generic ecoregions, and we use them whenever they are available. Despite their usefulness, these seed zones can be a bit confusing. Unlike the old conifer seed zones (developed in 1966), the new zone boundaries, zone names and numbers, and elevation bands are different for each species. We list the zone numbers, elevation of the collection, and relevant elevation band for each of our offerings. The seed zone for Thuja plicata is broken down below as an example.

Thuja plicata has seven seed zones in Washington state. Our seed is from the Puget Sound-2 zone, outlined in red on the map below.

THPL-2 at 100' elevation (0-2000' band)

The seed collection was made at an elevation of 100'.

Thuja plicata has 2000' elevation bands, so these trees can be safely planted at appropriate sites between 0-2000'.



Seed zone maps for each species are available on our website at *fourthcornernurseries.com/seed-zone-maps/*

LIVE STAKES

Live stakes come in bundles of 50, are made to order, and are available for the following species. Caliper will vary from 1/4" -1"; we cannot grade to caliper size. Please specify your desired length when you place your order. We can accommodate up to 5' lengths on most species. Please call for price and availability.

Species

Salix hookeriana *(Hooker Willow)* .30/ft

Salix lucida ssp. lasiandra *(Pacific Willow)* .30/ft

Salix scouleriana *(Scouler's Willow)* .30/ft

Salix sitchensis *(Sitka Willow)* .30/ft

HERBACEOUS PERENNIALS

A Note About Perennials

Our herbaceous perennial species are propagated from source identified wild-collected seed. All stock is field grown and shipped bare root unless noted. Plants are available in the fall as they senesce and begin to go dormant for winter, and again in early spring before regrowth of their main flowering stem. This window is specific to each species, so please review the availability calendar and check with us to determine the best time to receive your order. Our hardiest species are available through the winter as well, with species-appropriate storage techniques: freezing, refrigeration, or digging to order.

Please order by November 1 for winter perennial orders to accommodate our digging and processing schedule.

Abronia latifolia *(Coastal Sand Verbena)* NL

Prostrate, fleshy, mat-forming perennial with bright yellow flowers in round-topped clusters. Commonly found on west coast beaches.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Achillea millefolium *(Common Yarrow)* FACU

North American native perennial herb, to 1-3' tall. Soft fern-like foliage; white or pink flower clusters attract butterflies. Rhizomatous and drought tolerant nature making an effective as well as attractive erosion control.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.70	.47	.35

Available	J	F	M	A	M	J	J	A	S	O	N	D

Agastache occidentalis *(Western Giant Hyssop)* NL

Native perennial redolent of licorice complete with its sweetish flavor, purple flowers attract butterflies. Found in vernally wet areas east of the Cascades.
Provenance: 09-E. Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Allium cernuum *(Nodding Onion)* FACU

Small wild onion native across most of North America with nodding umbels of pink flowerets. Grows 4-20" tall.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.80	.54	.40

Available	J	F	M	A	M	J	J	A	S	O	N	D

Please see our **BULB** section for more **Allium** species

Anaphalis margaritacea *(Western Pearly Everlasting)* FACU

North American native perennial with attractive white flower clusters, woolly gray-green foliage. Rhizomatous and drought tolerant, effective for erosion control, also a good butterfly plant. Grows 1-4' tall.
Provenance: 02-PugetLowland

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.70	.47	.35

Available	J	F	M	A	M	J	J	A	S	O	N	D

Aquilegia formosa *(Western Columbine)* FAC

Western North American native perennial to 3' tall, with showy reddish-orange and yellow flowers. Found in moist, sunny to partially shaded sites.
Provenance: 02-Puget Lowland, 03-Willamette Valley

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.90	.60	.45

Available	J	F	M	A	M	J	J	A	S	O	N	D

Argentina egedii [Potentilla anserina, P. pacifica] *(Pacific Silverweed)* NL

A quickly spreading groundcover with attractive yellow flowers, and leaves with silvery undersides. Found along edges of lakes and streams, wet meadows, and on sandy beaches. Salt-tolerant for shoreline plantings.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.70	.47	.35

Available	J	F	M	A	M	J	J	A	S	O	N	D

Armeria maritima *(Sea Thrift)* FAC

Saltwater shorelines perennial with tufted narrow leaves and globular pink flowers. Attracts native pollinators. Drought tolerant. The native species exhibits twisted leaves and flowering stems distinctive from commercial varieties. Grows 6-12" tall.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.80	.54	.40

Available	J	F	M	A	M	J	J	A	S	O	N	D

Artemisia suksdorfii *(Coastal Mugwort, Coastal Wormwood)* FACU

Northwest native perennial with clustered stems to 4' and leaves green above and cottony white below. Pleasing sage scent when brushed. Common near the coast on bluffs and on rocky, gravelly, or sandy beaches.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Aruncus dioicus *(Goatsbeard, Bride's Feathers)* FACU

Circumboreal, from southern British Columbia to northern California, this 3-6' tall perennial has showy plumes of white flowers. Flowers in sun or shade. Grows in damp to wet rocky areas, stream banks, meadows, and forest openings, from low elevation up into the mountains.
Provenance: 77-North Cascades

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.80	.54	.40

Available	J	F	M	A	M	J	J	A	S	O	N	D

Asclepias cordifolia *(Heartleaf Milkweed)* NL

This milkweed has heart-shaped bluish-green leaves with a touch of purple, and unusual purple-maroon flowers. A perennial, it grows 1-4' tall and blooms in summer. Native to Oregon, California, and Nevada, found on rocky slopes and open woods.
Provenance: 05-Sierra Nevada

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Asclepias fascicularis *(Narrowleaf Milkweed)* FAC

Long, narrow leaves and large clusters of white to pale lavender flowers in summer distinguish this milkweed. Grows 2-4' tall. Native from southeastern Washington south through California and adjacent Idaho, Nevada, and Utah, in open fields and meadows. More tolerant of clay soil and garden conditions than most milkweeds.
Provenance: 03-Willamette Valley, 05-Sierra Nevada

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Asclepias speciosa *(Showy Milkweed)* FAC

Widespread across western North America in drier habitats. Rhizomatous perennial with pink to reddish-purple flowers, grows to 4'. Found commonly east of the Cascades in moist, loamy to sandy soil. Showy fragrant flowers attract butterflies and other pollinators.
Provenance: 03-Willamette Valley, 10-Columbia Plateau

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Rhizome		.80	.54	.40

Available	J	F	M	A	M	J	J	A	S	O	N	D

Aster subspicatus *(Douglas Aster)* please see **Symphyotrichum subspicatumv. subspicatum**

Balsamorhiza deltoidea *(Deltoid Balsamroot)* NL

Northwest perennial with basal leaves and large yellow sunflower-like flowers. Prefers dry sunny habitats at low elevations, from southern British Columbia to California. Transplants best in the fall. Grows 1-3' tall.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.90	.60	

Available	J	F	M	A	M	J	J	A	S	O	N	D

Campanula rotundifolia *(Harebells, Bluebell Bellflower)* FACU

Delicate bellflower with tiny heart-shaped leaves and attractive large blue bells. Found from sea level to mountain meadows. Grows 4-12" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Castelleja hispida *(Harch Paintbrush)* NL

Bright orange paintbrush with cut-leaved foliage commonly found in lowland meadows. Grows both sides of the Cascades, British Columbia to Oregon, as far east to Montana.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Chamerion [Epilobium] angustifolium *(Fireweed)* NL

Widespread North American native perennial to 4-6' tall, with showy pink flowers, good for honey production and butterflies. Strong rhizomes provide excellent erosion control. Common in sunny, dry to moist disturbed areas.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.80	.54	.40

Available	J	F	M	A	M	J	J	A	S	O	N	D

Dicentra formosa *(Western Bleeding Heart, Pacific Bleeding Heart)* FACU

West Coast native herbaceous perennial with strong rhizomes, fern-like leaves, showy reddish-pink flowers. Likes moist, shady sites, from southern British Columbia to central California. Grows 1-2' tall.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.90	.60	

Available	J	F	M	A	M	J	J	A	S	O	N	D

Echinacea angustifolia *(Narrow-leaved Coneflower)* NL

Prairie wildflower to 2-3' with showy pink-purple flowers. Commonly used as a medicinal plant, also attracts butterflies. Native from the Rocky Mountains eastward through the Midwest and south to Texas.
Provenance: ID

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.90	.60	.45

Available	J	F	M	A	M	J	J	A	S	O	N	D

Echinacea purpurea *(Eastern Purple Coneflower)* NL

North American prairie wildflower with showy purple flowers on 2-3' stalks. Medicinal, good cut flower, also attracts butterflies. Prefers full sun. Native from the Midwest to the East Coast.
Provenance: ID

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.80	.54	.40

Available	J	F	M	A	M	J	J	A	S	O	N	D

Equisetum hyemale *(Rough Horsetail, Scouringrush Horsetail)* please see **GRASSES, SEDGES, RUSHES**

Erigeron speciosus *(Showy Fleabane, Aspen Fleabane)* NL

Showy plant with large lavender daisy-like flowers from late spring into the summer. Native in the Pacific Northwest and the Rocky Mountains, in sunny, dry to moist woodland openings from foothills to mid-elevations in the mountains. Grows 1-3' tall.
Provenance: 02-Puget Lowland

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.70	.47	.35

Available	J	F	M	A	M	J	J	A	S	O	N	D

Eriophyllum lanatum *(Oregon Sunshine, Woolly Sunflower)* NL

Low, spreading woolly herb with bright yellow daisy-like flowers that attract butterflies. Prefers dry, open habitats across the western states to southwestern British Columbia. Grows 4-20" tall.
Provenance: 02-Puget Lowland, 03-WillametteValley

GRADE	SIZE	50	100+	200+
		UNIT PRICE		
Bare-root seedling		.80	.54	.40

Available	J	F	M	A	M	J	J	A	S	O	N	D

Eriophyllum lanatum (Oregon Sunshine, Woolly Sunflower)

HERBACEOUS PERENNIALS

GRADE SIZE UNIT PRICE 50 100+ 200+

Fragaria chiloensis *(Coastal Strawberry, Beach Strawberry)*

FACU

West Coast groundcover with shiny dark green leaves, white flowers, and edible berries. Spreads vigorously by stolons. Common along the coast on beaches and rocky bluffs, from Alaska south to California. Thrives in sunny conditions. Drought tolerant.
Provenance: 01-Coast Range

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Fragaria vesca ssp. bracteata *(Woodland Strawberry)*

FACU

North American groundcover native to western states. Strongly stoloniferous, with white flowers and small edible berries. Good for shady areas.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Fragaria virginiana ssp. platypetala *(Virginia Strawberry)*

FACU

Western North American groundcover with white flowers and edible berries. Found in forest openings and meadows.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Gaillardia aristata *(Blanket Flower)* NL

Showy yellow and orange sunflower-like flowers on 1-2' stems characterize this wildflower. Grows in sunny, moist to dry areas widespread across western and northern North America.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Geum macrophyllum *(Largeleaf Avens)*

FAC

North American perennial with short rhizomes and cheerful yellow flowers, reaching 3' in height. Found in forests and open areas. Reseeds prolifically.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .47 .35

Geum triflorum *(Prairie Smoke)*

FACU

Beautiful wildflower with a basal rosette of fern-like foliage, soft pink nodding flowers on 4-18" stems, and a puff of pink 'smoke' for a seed head. Prefers sunny dry sites. Native to most of North America.
Provenance: 10-Columbia Plateau

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60

Grindelia integrifolia *(Puget Sound Gumweed)*

FACW

Robust native perennial of Pacific coastal areas with showy yellow flowers, 3-4' tall. Late season bloomer, salt spray tolerant.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .47 .35

Heuchera micrantha *(Small Flowered Alumroot, Crevice Alumroot)* NL

Evergreen foliage and numerous sprays of tiny white flowers on stems to 2' tall. Found along stream banks and in rock crevices from southern British Columbia to California, and Idaho.
Provenance: 02-PugetLowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Hydrophyllum tenuipes *(Pacific Waterleaf)*

FAC

Rhizamatous, spreading, herbaceous plant for shady, moist sites that can dry out in late summer. Large, fuzzy leaves with sharp-pointed leaflets and clusters of lovely creamy flowers in mid to late spring add interest. Native from southern British Columbia to northwestern California. Grows 8-32" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Iris chrysophylla *(Yellowleaf Iris)* NL

Striking native iris; creamy white flowers with yellow stripe and maroon veining on 8" to 1' stems. Found in open woodlands in western Oregon and California.
Provenance: 78-Klamath Mountains

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60

Iris douglasiana *(Douglas Iris)* NL

Pale pink to purple flowers with yellow center stripe on sepals; 1-2' tall branched stems. Native in open grassy areas in Oregon south to California.
Provenance: 01-Coast Range

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60

Iris setosa *(Alaska Wild Iris)* NL

Wild iris of northern latitudes with stout leaves and stems to 2', dark blue flowers. Prefers a moist or wet sunny location.
Provenance: Southeast Alaska

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54

Iris tenax *(Oregon Iris, Toughleaf Iris)* NL

Showy western native iris with blue to purple flowers on 1' tall stems, found in sunny locations. Native from southern Washington to northern California.
Provenance: 01-Coast Range, 02-Puget Lowland, 03-WillametteValley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54

Lathyrus japonicus v. maritimus *(Beach Pea)*

FACU

Perennial with trailing stems up to 4' and reddish-purple flowers, found on sandy and gravelly beaches of the Pacific Coast, Great Lakes, and Hudson Bay.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Lomatium utriculatum *(Spring Gold)* NL

Deep green ferny basal foliage emerges in the fall in preparation for the bright lemony yellow flowers that begin a long blooming season in early spring. West side species found on lowland coastal balds. Grows 4-24" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Lupinus littoralis *(Seashore Lupine)* NL

Prostrate lupine of seashores and dunes with clusters of blue and white flowers and 2' stems. Salt and drought tolerant. Native from southwestern British Columbia to northwestern California.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Lupinus polyphyllus *(Bigleaf Lupine)*

FAC

Tall lupine to 4' tall with spikes of showy blue flowers. Fixes nitrogen to enhance poor soils. Widespread across the western and northeastern United States.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Lupinus rivularis *(Riverbank Lupine)*

FAC

Lupine found in coastal meadows and riverbanks. Reddish- brown stems with violet-blue flowers. Shrubby plant to 3 ½' tall. Native from southern British Columbia to northern California.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Lysichiton americanus *(Skunk Cabbage)* please see AQUATICS

Mentha arvensis *(Wild Mint, Field Mint)*

FACW

Rhizomatous plant in the mint family, grows 6-24" tall, and is strongly aromatic. Purple flowers are good for butterflies, seeds eaten by wildlife. Common in wet places, sun or partial shade, across North America.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Mertensia platyphylla *(Broadleaf Bluebells)* NL

Bell-shaped light blue wildflowers on 1-2' leafy stems. Spreads slowly by rhizomes. Stream banks and moist forest habitats, sun to part shade. Native to Washington and Oregon.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Mimulus guttatus *(Yellow Monkeyflower, Seep Monkeyflower)*

OBL

A showy, highly variable wildflower native to western North America with red-spotted yellow flowers. Also known as Erythranthe guttata. Grows in a wide variety of moist habitats from salt spray areas along the Pacific Ocean, deserts, high in the mountains, and even on toxic copper mine tailings. Pollinated by bumblebees. Both annual and perennial forms occur. Grows 2-30" tall. Available in containers and bare root.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Mimulus lewisii *(Purple Monkeyflower)*

FACW

Showy fuchsia-colored monkeyflower found in moist subalpine meadows and stream sides. A good butterfly and hummingbird plant, adds interest and wildlife value to ornamental ponds. Native to western North America. Grows 1-3' from a sturdy, branching rhizome.
Provenance: 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Monardella odoratissima *(Mountain Monardella)*

UPL

Western native perennial with fragrant foliage and lavender flowers. Prefers dry, sunny areas, especially east of the Cascades in the steppe and montane zone. Attracts butterflies and bees. Grows 4-20" tall.
Provenance: 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Oenanthe sarmentosa *(Water Parsley)* Please see our AQUATICS section

Oplopanax horridus *(Devil's Club)*

FAC

Northwest deciduous shrubby perennial with upright prickly stems to 9' tall. This member of the Ginseng family has large primordial-looking leaves, greenish-white flowers, and bright red berries in showy clusters in the fall. Prefers moist, partially shady to shady sites. Common Alaska south to Oregon, east to Montana. Available only in containers.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Asclepias speciosa (Showy Milkweed)

HERBACEOUS PERENNIALS

GRADE SIZE UNIT PRICE 50 100+ 200+

Oxalis oregana *(Woodland Sorrel, Redwood-Sorrel)*

FACU

This western version of the shamrock makes a good low maintenance groundcover, 2-8" tall, with light pink flowers for shady sites. Native along the West Coast, from southern British Columbia to northern California. Also available in containers.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Penstemon cardwellii *(Cardwell's Penstemon, Cardwell's Beardtongue)* NL

Mat-forming shrubby Penstemon to 12" tall, with showy, 1-11/2" blue-purple flowers that likes sun and well drained soils. Blooms May to early August. Grows in forest openings and rocky slopes at mid-elevations in the mountains of southwest Washington south through Oregon.
Provenance: WA

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Penstemon confertus *(Yellow Penstemon)* NL

This beneficial pollinator magnet has creamy to light yellow flowers on 8-20" tall stems from May into August. Found in relatively moist areas east of the Cascades.
Provenance: 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Penstemon fruticosus *(Shrubby Penstemon)* NL

Low evergreen shrub to 2' tall, with pink to purple flowers that attract pollinators and hummingbirds. Native eastern British Columbia to Alberta, south east of the Cascades to Oregon, east to Montana and Wyoming in dry exposed areas.
Provenance: 09-E. Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Penstemon ovatus *(Broadleaf Penstemon, Eggleaf Beardtongue)* NL

Bright blue flowered penstemon with deep green, glossy spade-shaped leaves, grows 1'-3' tall. Ranges from woodland to sunny slopes, British Columbia to Oregon.
Provenance: 09-E. Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Penstemon procerus *(Small-flowered Penstemon)*

FAC

Penstemon with dense whorls of lovely blue to purple flowers. Native across Canada and south through California to Colorado from mid to high elevations in the mountains. Prefers dry, sandy to gravelly soils. Grows 4-12" tall.
Provenance: 09-E. Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Penstemon richardsonii *(Cutleaf Penstemon)* NL

An unusual penstemon with dissected leaves and bright pink flowers. Native from British Columbia south through Washington and Oregon, generally east of the Cascades. This beautiful pollinator-attractor is drought tolerant, often found in open rocky habitats. Grows 8-32" tall.
Provenance: 10-Columbia Plateau

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Penstemon serrulatus *(Cascade Penstemon, Serrulate Penstemon)*

FACU

Beautiful wildflower with showy pinkish-purple to deep blue flowers, on stems 8-28" tall. Prefers sun or partial shade, moderate moisture. Native from southern Alaska to northern Oregon, in and west of the Coast-Cascade Mountains to sea level. Blooms June to early August.
Provenance: 77-NorthCascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Petasites frigidus v. palmatus *(Arctic Sweet Coltsfoot)*

FACW

Rhizomatous perennial 1-2' tall, with large palmate leaves and white to pinkish flowers March to July. Common in wet areas in low to mid elevation forests and openings along the west coast, Maine, a sprinkling in the Great Lakes region, and north through Canada.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

GRADE SIZE UNIT PRICE 50 100+ 200+

Plantago maritima v. juncoides *(Sea Plantain, Goose Tongue)*

FACW

Common West Coast perennial with fleshy linear leaves, and 2-10" flower spikes May to July, found on seashores and salt marshes. An important food source for waterfowl, also edible for people. Also found along northeastern seaboard.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Potentilla anserina *(Pacific Silverweed)* please see Argentina egedii

Potentilla gracilis *(Graceful Cinquefoil, Slener Cinquefoil)*

FAC

Western North American wildflower with palmately compound leaves and yellow flowers. Grows 1-2' tall. Found in moist meadows from the lowlands to the mountains.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .47 .35

Potentilla pacifica *(Pacific Silverweed)* please see Argentina egedii

Prunella vulgaris *(Self Heal)*

FACU

North American low growing perennial with short rhizomes and purple to pink flowers. Has medicinal value. Prefers moist sites, sun or shade.
Provenance: 02-Puget Lowland, 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .47 .35

Ranunculus occidentalis *(Western Buttercup)*

FACW

Showy buttercup of lowland balds and Garry Oak meadows, from Alaska south to California and Nevada. Grows 6-16" tall. Prefers moist soil; spreading.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Rudbeckia occidentalis *(Western Coneflower)*

FAC

Unusual perennial with flowers in a black cone that attracts birds when seeds are mature. Grows to 2-6'. A medicinal plant native to the western states.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .90 .60 .45

Sedum divergens *(Spreading Stonecrop, Pacific Stonecrop)* NL

Deep green compact leaves of this West coast spreading stonecrop are offset by bright sprays of yellow flowers that attract butterflies.
Provenance: 09-ECascadeSlope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Sedum divergens (Spreading Stonecrop, Pacific Stonecrop)

GRADE SIZE UNIT PRICE 50 100+ 200+

Sedum lanceolatum ssp. nesioticum *(Spearleaf Stonecrop)* NL

Compact stonecrop with football-shaped leaves topped by bright yellow flowers in late spring. Common on rocky balds along the coast and inland. Native to the northwest and southeast corners of Washington and north into British Columbia.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Sedum oreganum *(Oregon Stonecrop)* NL

Succulent creeping perennial found on coastal bluffs and rocky mountain slopes from Alaska south along the coast to the northwest corner of California. Starry yellow flowers in spring and summer attract butterflies.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Sedum spathulifolium *(Broadleaf Stonecrop)* NL

Bluish-green succulent foliage develops red highlights in the winter and bright yellow flowers that attract butterflies in the late spring. Native from southern British Columbia to California.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Sidalcea campestris *(Meadow Checkerbloom)*

FACU

Western Oregon and Puget Sound wildflower with beautiful white or light pink flowers. Found in open meadows and fields. Grows 2-6' tall.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedlings .80 .54 .40

Sidalcea hendersonii *(Henderson's Checkerbloom)*

FACW

Taprooted perennial that sends up spikes of miniature pink hollyhock-like flowers. Found in wet meadows and tidal marshes along the coast from Alaska to Oregon. Grows 2-4' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedlings .80 .54 .40

Sidalcea malviflora ssp. virgata *(Dwarf Checkerbloom, Rose Checkermallow)*

FACW

Clump-forming, taprooted perennial, stems trailing and freely rooting. Spikes of pink flowers provide nectar for pollinators. In prairies and meadows west of Cascades, from Oregon to California, and Thurston County. Species of concern in Washington. It is an endangered species in Washington.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Sisyrinchium idahoense *(Western Blue-eyed Grass)*

FACW

Wildflower with beautiful blue flowers and iris-like leaves, 6-12" tall, in a slowly expanding clump. Likes early spring moisture. Native to the western states and British Columbia.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Sium suave *(Hemlock Waterparsnip)*

OBL

North American native perennial with white carrot-type flowers, common in low marshy ground and shallow water. Adds interest and wildlife value to ornamental ponds. Grows 2-4' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Solidago canadensis var. lepida *(Canada Goldenrod)*

FAC

North American native perennial with showy yellow flower spikes in late summer that attract butterflies and pollinators. Common in moist to dry areas. Wide tolerance of soil conditions and rhizomatous roots make this a good choice for erosion control. Grows 2-5' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .80 .54 .40

Sparganium emersum *(Simplestem Bur-reed)* please see AQUATICS

HERBACEOUS PERNNIALS

UNIT PRICE

GRADE SIZE 50 100+ 200+

Stachys chamissonis v. cooleyae [S. cooleyae] *(Coastal Hedgenettle)* FACW

Rhizomatous perennial 2-3' tall, with pink flowers in mid-summer that attract butterflies and hummingbirds. Common in moist clearings from Alaska to coastal California. Containerize for ornamental ponds.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
Bare-root seedling					.80		.54		.40			

Stachys cooleyae *(Cooley's Hedge-nettle)* please see **Stachys chamissonis v. cooleyae**

Symphyotrichum subspicatum v. subspicatum [Aster subspicatus] *(Douglas Aster)* FACW

West coast native aster of moist habitats, especially estuaries. Grows 3-4' tall branching stems and many purple flowers attract butterflies. Tolerates salt spray in shoreline plantings.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
Bare-root seedling					.70		.47		.35			

Tellima grandiflora *(Fringecup, Bigflower Tellima)* FACU

Rhizomatous perennial with small white flowers with fringed petals fading to pink, April to July. Prefers partial shade, commonly found in moist woods and along stream banks. Found from Alaska south to California, west of the Cascade crest, sea level to mid elevation in the mountains. Grows 1-2′ tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
Bare-root seedling					.80		.54		.40			

Tolmiea menziesii *(Youth on Age, Piggyback-plant)* FAC

Northwest rhizomatous perennial to 2' tall, with small pinkish-brown flowers in spring. Found in moist shady habitats. Spreads by little plantlets on the parent leaves. Native from southern British Columbia to northern California at low elevations.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
Bare-root seedling					.80		.54		.40			

UNIT PRICE

GRADE SIZE 50 100+ 200+

Typha latifolia *(Common Cattail)* please see **GRASSES, SEDGES, RUSHES**

Vancouveria hexandra *(Inside-out Flower)* NL

Rhizomatous woodland perennial with delicate white flowers in May and June. Common in moist, shady forests from the south Puget Trough in Washington, western Oregon, and northwestern coastal California. Grows 12-18" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
Bare-root seedling					.90		.60		.45			

Veronica americana *(American Speedwell)*, please see **AQUATICS**

Viola adunca *(Prairie Violet, Hookedspur Violet)* FAC

Deep purple violet of low elevation prairies and rocky coastal outcrops. Heart-shaped deep green leaves, grows to 4" tall. Widespread from southern Alaska across Canada, and the western states. Blooms April to August.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

In production; inquire for availability

Tolmiea menziesii (Youth on Age, Piggyback-plant)

UNIT PRICE

GRADE SIZE 50 100+ 200+

Viola palustris *(Marsh Violet)* OBL

Spreading pale lavender violet of wet marshy areas. Native across Canada and south through the western United States. Grows to 8" tall. Blooms May to July.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
Bare-root seedling					.80		.54		.40			

Yucca glauca *(Small Soapweed)* NL

Evergreen perennial with tough sword-shaped leaves and greenish-white flowers in tall clusters. Native from Montana and N. Dakota south to Texas and across to Arizona. Easy to grow and long lived, drought tolerant; grows 18″ tall and 24-36″ wide, mature plants bloom late spring, early summer.
Provenance: CO

Available	J	F	M	A	M	J	J	A	S	O	N	D
Bare-root seedling					.90		.60		.45			

Stachys chamissonis v. cooleyae [S. cooleyae] (Coastal Hedgenettle)

(Coastal Black Gooseberry continued from page 11)

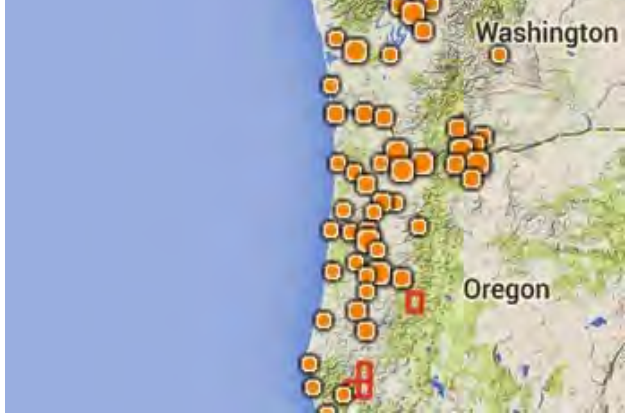
A range of flowers and young Coastal Black Gooseberry fruit

Ripe berries of Coastal Black Gooseberry

As the name suggests, Coastal Black Gooseberry thrives near the ocean. I see it most frequently on backshore dunes and rocky bluffs within a stones throw of the saltchuck, but it also grows in open woods at low elevations. It is found from Bella Bella on the Central Coast of BC southward to Los Angeles with only a few populations east of the Cascades, most notably near The Dalles in north central Oregon.

The berries of Coastal Black Gooseberry are traditionally eaten fresh and occasionally cooked, juiced, sauced, or dried into cakes by virtually all Indigenous people that inhabit the plants' range *(Moerman)*. The Kwakwaka'wakw—who steward the lands and waters around the Broughton Archipelago where I first learned this plant—traditionally gather the berries while they are still green by beating the bushes with sticks and knocking the fruit onto mats. They are eaten fresh, boiled and slathered with eulachon grease, and more recently with milk and sugar *(Turner and Bell 1973)*.

The species epithet *divaricatum* comes from the English word "divaricate," meaning forked, branched or spreading, probably in reference to the berries which are often found in clusters of two, the large spreading thorns, or the shrubs which can spread and form extensive colonies. Coastal Black Gooseberry is also called Spreading Gooseberry, or Wild Gooseberry. There are two named varieties: *Ribes divaricatum var. parishiior* Parish's Gooseberry is found only in California, and *Ribes divaricatum var.pubiflorum* or Straggly Gooseberry is found in both California and Oregon.



Range map courtesy of CPNWH

GRASSES, SEDGES, RUSHES

A Note About Graminoids

Our graminoids and wetland emergent species are propagated from source identified wild-collected seed and cuttings. All stock is field grown and shipped bare root. Plants are available while they are actively growing from spring through fall. This window is specific to each species, so please check with us to determine the best time to receive your order. Some robust rhizomatous species are also available through winter as noted.

Standard bundles contain 50 plants each. Shoot heights are trimmed to 12", or as specified. All bare root stock are dug to order, packed into bags and shipped immediately. It is helpful to remember that these plants are fragile — treat them like lettuce. Their survival depends on being harvested, transported, and transplanted during cooler temperatures, with adequate water after planting. Please be ready to care for your plants as soon as they arrive. We cannot ensure survival after plants have left our care.

UNIT PRICE

GRADE	SIZE	50	100+	500+	1000+

Bolboschoenus [Scirpus] maritimus *(Cosmopolitan Bulrush)* — OBL

Rhizomatous rush with strong triangular culms to 5'. Fresh or brackish marshes, 0-1' deep, across the United States, except the southeast.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Bromus carinatus *(California Brome)* — NL

Western North American grass found in moist to dry meadows. May be short-lived, but will reseed under favorable conditions. Grows 1-3' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Carex aperta *(Columbian Sedge)* — OBL

Northwest native rhizomatous sedge for wet areas. Grows 2-3' tall.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Carex amplifolia *(Big-leaf Sedge)* — OBL

Western sedge with impressive large broad leaves, flowering spikes to 4'. Attractive for ornamental ponds. Prefers moist soil.
Provenance: 15-Northern Rockies

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Carex aquatilis v. dives [C. sitchensis] *(Sitka Sedge)* — OBL

West coast sedge, from Alaska to northwestern California, tufted on short rhizomes with pretty, drooping flower heads. Attractive for ornamental ponds. Common in wet meadows, marshes and lake shores. Grows 1-4' tall.
Provenance: 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Carex comosa *(Bristly Sedge, Longhair Sedge)* — OBL

Attractive sedge of freshwater marshes and wet meadows. Occurs sporadically across North America. Listed as sensitive in the state of Washington. Grows 1 ½-3' tall. Does not have long rhizomes, so not suitable for sites subject to siltation.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Carex cusickii *(Cusick's Sedge)* — OBL

Tufted sedge of still and slow moving waters from the lowlands to the mountains, grows 1-6' tall. Older plants form distinctive large, raised tussocks on which other plants may be found growing, too. Native southern British Columbia to California, east to Montana and Wyoming.
Provenance: 15-N Rockies

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

UNIT PRICE

GRADE	SIZE	50	100+	500+	1000+

Carex densa *(Dense Sedge)* — OBL

West Coast tufted sedge of seasonal wetlands and wet meadows at low elevations. Listed as sensitive in the state of Washington. Grows 1-3' tall.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Carex lenticularis *(Lakeshore Sedge)* — OBL

Tufted sedge found in wet, sunny or partially shaded sites. Native across most of North America, except for midwestern and southern states. Grows 1-3' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Carex leptopoda *(Slender-foot Sedge, Taperfruit Shortscale Sedge)* — FAC

The most common sedge found in western Washington and Oregon moist forest understory habitats. The most frequently encountered member of the *Carex deweyana* complex. Grows from British Columbia and Alberta south through our western states, Washington to Montana down to Arizona and New Mexico. Grows 1-2' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Carex lyngbyei *(Lyngby's Sedge)* — OBL

Large, rhizome forming sedge, common along saltwater shorelines from Alaska to northern California. Grows 1-3' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Carex macrocephala *(Largehead Sedge)* — FACU

Rhizomatous sedge found on sandy seashores, from Alaska to Oregon. Flowering heads large, 2-3" on 6-18" plant.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Carex mertensii *(Merten's Sedge)* — FAC

Densely tufted sedge, with attractive flowering spikes, found in dry to moist habitats of the northwest, from Alaska through British Columbia and Alberta south to northern California. Excellent ornamental and rain garden potential. Grows 12-30" tall.
Provenance: 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Carex nebraskensis *(Nebraska Sedge)* — OBL

Common sedge in wet areas east of the Cascades into the western Plains states. Tolerant of disturbances. Grows 1-3' tall.
Provenance: ID

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Graminoid production field.

UNIT PRICE

GRADE	SIZE	50	100+	500+	1000+

Carex obnupta *(Slough Sedge)* — OBL

West Coast evergreen sedge for moist to wet freshwater or brackish sites, 0-3' depth; rhizomatous and vigorous. Attractive sedge for shade or sun. In shallow water, creates important egg-laying habitat for amphibians. Containerize for ornamental ponds. Grows 2-3" tall.
Provenance: 01-Coast Range, 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33 (Apr-Nov)
Bare-root seedling .80 .60 .46 .43 (Dec-Mar)

Carex pachystachya *(Chamisso Sedge)* — FAC

Common western North American tufted sedge found in the transition zone from wet to dryish open habitats. Great potential rain garden species. Grows 6-26" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Carex pansa *(Sand Dune Sedge)* — FAC

West Coast rhizomatous sedge with sharply triangular stems found along sandy shorelines. Important species for helping stabilize sandy beaches. Has been used as a substitute for lawn grass in well-drained soils. Grows 6-16" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Carex stipata *(Sawbeak Sedge, Awlfruit Sedge)* — OBL

North American native sedge forming solid clumps in moist areas. Attractive light green foliage, flowering stems to 4'.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33 (Apr-Nov)
Bare-root seedling .90 .65 .55 .45 (Dec-Mar)

Carex tumulicola *(Splitawn Sedge)* — FACU

Western native tufted sedge with slowly-expanding rhizomes. Found in sunny dry meadows and open forests. Grows 1-3' tall.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Carex unilateralis *(Lateral Sedge)* — FACW

Western native rhizomatous sedge found in shallow or seasonal wetlands. Grows 12-30" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Carex utriculata *(Northwest Territory Sedge)* — OBL

Widespread North American sedge with lovely foliage, triangular stems, and flowering heads to 4'. Clump-forming with rhizomes and stolons on perennially wet freshwater sites. In shallow water, creates important egg-laying habitat for amphibians.
Provenance: 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Carex vesicaria *(Blister Sedge)* — OBL

Mat-forming, rhizomatous sedge with triangular stems, in freshwater wetlands or stream banks, 0-18" deep, often habitats that are spring wet/summer dry. Native across the northern half of the United States. Grows 6-36" tall. Potential rain garden plant.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Carex vulpinoidea *(Fox Sedge)* — OBL

Clumping sedge found in moist meadows, marshes and ditches in habitats scattered across the United States. Great potential rain garden plant. More common east of the Cascades but ours is from a Whatcom County population. Grows 1-3' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Danthonia californica *(California Oatgrass)* — FAC

Bunchgrass found in moist to dry, sunny meadows across western North America. Grows 1-4' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

GRASSES, SEDGES, RUSHES

UNIT PRICE

GRADE SIZE 50 100+ 500+ 1000+

Danthonia spicata *(Poverty Oatgrass)*

FAC

Widespread North American bunchgrass found in moist to dry, sunny meadows. Grows 4-28" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Deschampsia caespitosa *(Tufted Hairgrass)*

FACW

Tufted grass native to marshes and wet prairies across much of North America. Attractive narrow foliage and 12-18" tall flowering plumes. Can handle salt spray.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Distichlis spicata *(Seashore Saltgrass, Inland Saltgrass)*

FACW

Rhizomatous grass found in salt marshes and also dry upland areas across much of the western United States. An important food source for waterfowl, host plant for butterfly larvae (Wandering Skipper), and erosion control in estuaries. Inland strains are extremely drought tolerant, and may be invasive in some situations.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Eleocharis palustris *(Common Spikerush)*

OBL

Widespread North American emergent with narrow dark green culms, rhizomatous and mat-forming in shallow freshwater habitats, from 0-2' deep. Creates important egg-laying habitat for amphibians. Containerize for ornamental ponds. Grows 1-2' tall.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Elymus glaucus *(Blue Wildrye)*

FACU

Drought tolerant native bunchgrass for sunny to partially shaded sites. Native across much of North America. Great for interplanting with trees and shrubs in restoration plantings to cover bare soil. Populations are genetically variable regarding leaf color and density. Grows 1-6' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Equisetum hyemale *(Rough Horsetail, Scouringrush Horsetail)*

FACW

Rhizomatous horsetail, evergreen with unbranched stems. Widespread across North America in moist areas, grows 2-4' tall. Horsetails are one of our oldest plants, originating about 350 million years ago, and at that time they were over 40' tall! Horsetails absorb heavy metals and can be used in phytoremediation; they can be invasive in some situations.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Festuca idahoensis ssp. roemeri *(Roemer's Fescue)*

FACU

Native bunchgrass for coastal areas from southern British Columbia to northern California with attractive, finely textured leaves. Grows 1-3' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Carex stipata (Sawbeak Sedge, Awlfruit Sedge)

UNIT PRICE

GRADE SIZE 50 100+ 500+ 1000+

Glyceria grandis *(Reed Mannagrass)*

OBL

Rhizomatous grass found in freshwater habitats (0-1' deep) across most of North America. Creates important egg-laying habitat for amphibians. Grows up to 6' tall, in sun or shade.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Glyceria striata [G. elata] *(Tall Mannagrass)*

OBL

Clumping grass with rhizomes found in freshwater habitats across North America. Grows to 6' tall, in sun or shade, versatile and good for soil stabilization.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Hierochloe hirta ssp. arctica [Anthoxanthum hirtum] *(Sweetgrass)*

NL

Aromatic grass traditionally used in crafts and spiritual ceremonies in both the Old and New World. From cultivation. Grows 1-2 ½' tall.

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Hordeum brachyantherum *(Meadow Barley)*

FACW

Attractive clumping native grass, a common component of salt marshes and moist meadow habitats across the western United States and Canada. Grows 16-30" tall. Prefers moist soils but tolerates dry conditions as well.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Juncus acuminatus *(Tapertip Rush)*

OBL

Common tufted rush found in lake margins and meadows that remain wet all year. Grows across North America, primarily on the West Coast and east of the Mississippi; 16-30" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Juncus arcticus ssp. littoralis [J. balticus] *(Baltic Rush)*

FACW

North American rush, strongly rhizomatous, common in brackish marshes, tide flats, salt marshes, and freshwater habitats from lowlands up into the subalpine, in 0-12" of water. Grows 1-3' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Juncus articulatus *(Jointleaf Rush)*

OBL

Common in freshwater wetlands and brackish marshes across much of North America. Grows 6-18" tall.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Juncus balticus *(Baltic Rush)* please see Juncus arcticus ssp. littoralis

Juncus bolanderi *(Bolander's Rush)*

OBL

Common West Coast rush of wet meadows and marshes, both freshwater and brackish, with dark colored, spherical flower heads. Creates important egg-laying habitat for amphibians. Grows 6-30" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Juncus effusus *(Soft Rush, Common Rush)*

FACW

Tufted rush with short rhizomes, found in moist to wet habitats, with water depths from 0-2'. Grows 1-3' tall with flowers below the tip of the stem.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33 (Apr-Nov)
Bare-root seedling .80 .60 .46 .43 (Dec-Mar)

Juncus ensifolius *(Daggerleaf Rush)*

FACW

Widespread rhizomatous rush with iris-like leaves. Found in freshwater habitats without deep standing water. Grows 1-2' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

UNIT PRICE

GRADE SIZE 50 100+ 500+ 1000+

Juncus oxymeris *(Pointed Rush)*

FACW

Beautiful Northwest rush with iris-like leaves, common west of the Cascades in wet meadows and lake shores, sometimes where it dries out in late summer. Strong rhizomes are important for erosion control and sediment retention. Grows from British Columbia to California, 1-3' tall. Potential rain garden plant.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Juncus patens *(Spreading Rush)*

FACW

West Coast native rhizomatous rush. Excellent choice for wetland habitats that may dry out in late summer. Potential rain garden plant, grows 1-3' tall.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Juncus supiniformis *(Hairyleaf Rush)*

OBL

Compact rush, growing horizontally and rooting at the nodes. Common in estuarine and freshwater wetlands and ditches, often where inundated in the winter, drier in late summer. Native from Alaska south to northern California, grows 4-12" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Juncus tenuis *(Slender Rush)*

FAC

Common rush in habitats across North America that are saturated in the winter but dry out in the summer. Potential rain garden plant. Grows 6-28" tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Koeleria macrantha *(Prairie Junegrass)*

NL

Silvery green spike seed heads grow to 1-2ft. on this perennial bunchgrass. Found from British Columbia south to northern Mexico, east to Ontario and Deleware. June grass grows mostly in sand to rocky soils in Sagebrush deserts, prairies, and open forests to subalpine ridges.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33

Leersia oryzoides *(Rice Cutgrass)*

OBL

Rhizomatous perennial grass forms thick stands. Widespread distribution across North America. Grows to 3' tall in wet ditches and floodplain areas.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Leymus mollis [Elymus mollis] *(Dune Wild Rye)*

FACU

Robust clump-forming perennial grass with strong rhizomes. Grows 3-5' tall on coastal dunes and beaches, and freshwater beaches; helps prevent beach erosion. Native from Alaska across Canada, south from coastal Washington to the central coast of California, the Great Lakes area, and New England.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .70 .53 .44 .41

Schoenoplectus [Scirpus] acutus v. acutus *(Hardstem Bulrush)*

OBL

Bold, strongly rhizomatous bulrush, with dark green stems reaching 6'+ in standing water with depths up to 5'. Containerize for ornamental ponds. Widespread across North America; also used for wastewater filtration.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling .57 .47 .37 .33 (May-Nov)
Bare-root seedling .90 .65 .55 .45 (Dec-Apr)

Schoenoplectus [Scirpus] acutus v. acutus (Hardstem Bulrush)

GRASSES, SEDGES, RUSHES

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+

Schoenoplectus [Scirpus] americanus *(Threesquare, American Bulrush)* please see **Schoenoplectus pungens.**

Schoenoplectus [Scirpus] maritimus please see **Bolboschoenus maritimus**

Schoenoplectus pungens [‘Scirpus americanus complex’] *(Threesquare bulrush, Chair-maker’s rush)*

OBL

Widespread rhizomatous bulrush with triangular stems to 3' tall. Found in fresh or brackish marshes and wet habitats throughout North America. Tolerates inundation of 0-16”. This species was long considered indistinct from S. americanus, but is now recognized as a separate species within the Scirpus americanus complex.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling	.70	.53	.44	.41

Schoenoplectus tabernaemontani [Scirpus lacustris, S. validus] (Softstem Bulrush)

OBL

Widespread wetland plant across North America, spreading vigorously by rhizomes, saline and freshwater habitats, with 0-3' water depth. Grows to 6' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling	.57	.47	.37	.33	(May-Nov)
Bare-root seedling	.90	.65	.55	.45	(Dec-Apr)

Scirpus cyperinus *(Wool Grass)*

OBL

Graceful tufted rush for brackish and freshwater habitats, attractive flowering plumes reaching 4-6'. Creates important egg-laying habitat for amphibians. Excellent for ornamental ponds. Scattered populations across the Pacific Northwest.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling	.57	.47	.37	.33

Scirpus microcarpus (Small Fruited Bulrush)

OBL

Common flat-leaved rhizomatous bulrush in wet meadows and shallow freshwater, 0-18", across western and northern North America. An important wildlife plant. Creates egg-laying habitat for amphibians. Grows 2-4' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling	.57	.47	.37	.33

Sparganium emersum *(Simplestem Bur-reed)* please see **AQUATICS**

Triglochin maritima *(Seaside Arrowgrass)*

OBL

Rhizomatous perennial with fleshy, grass-like leaves and spikes of yellowish flowers. Common in tidal marshes and mudflats along the coasts, and across North America in freshwater moist meadows. Grows 1-2' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling	.70	.53	.44	.41

Typha latifolia *(Common Cattail)*

OBL

Widespread across North America; perennial with long, flat leaves, persistent seed spike to 6' tall, found in all types of shallow water habitats. Provides good cover and food for wildlife, but does tend to take over. Also used for water quality treatment.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling	.57	.47	.37	.33	(Apr-Nov)
Bare-root seedling	.90	.65	.55	.45	(Dec-Mar)

AQUATICS

GRADE	SIZE	UNIT PRICE 50	100+	200+

A Note About Aquatics

Our emergent aquatic species are propagated from source identified wild-collected seed and cuttings.

Standard bundles contain 50 plants each. All stock are grown in wet boxes. It is helpful to remember that these plants are fragile. Their survival depends on being ready to care for your plants as soon as they arrive. We cannot ensure survival after plants have left our care.

Comarum palustre [Potentilla palustris] *(Purple Marshlock, Marsh Cinquefoil)*

OBL

Circumboreal, especially in northern regions; lake and stream margins, wet meadows, and bogs from sea level to subalpine. Prostrate stems, sometimes floating, to 3' from sturdy rhizomes. Flowers 1", dark red to purple in summer.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Plug	2.00

Lysichiton americanus *(Skunk Cabbage)*

OBL

The giant golden spathes lurking around the swamp amongst huge fleshy leaves are unmistakable. Swamp Lantern is another common name.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Plug	1.50

Menyanthes trifoliata *(Buckbean)*

OBL

Western North America and again in the Great Lakes region across to Maine and Newfoundland. White flowers in May and June. Stems 6-18" long. Shallow water in bogs, ponds, and lakes. Thick, creeping rhizomes, with leaves and stems that rise up out of the water 6-12".
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Plug	2.00

Nuphar lutea ssp. polysepala (*Rocky Mountain Pond-lily)*

OBL

Aquatic perennial with floating or submerged heart-shaped leaves and thick rhizomes 3-6' long. Single, waxy yellow flowers floating on long stalks from the rhizomes. Grows in lakes and slow-moving water from Alaska south through western British Columbia, down to California and across to the Rocky Mountains, from lowlands up into the montane.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Plug	4.00

Oenanthe sarmentosa *(Water Parsley)*

OBL

White flowered perennial with stems up to 3’ along stream sides and in shallow-water wetlands. Creates important egg-laying habitat for amphibians. Adds interest and wildlife value to ornamental ponds. Native from Alaska south to California, and west of the Coast-Cascade Mountains.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling	.80	.54	.40

Sagittaria latifolia *(Broadleaf Arrowhead, Wapato)*

OBL

An emergent, rhizomatous perennial that grows to 4' in shallow freshwater wetlands (6-12" deep) across North America, and produces white or bluish edible tubers that were a food source for many indigenous people. Emergent leaves arrow-shaped, submerged leaves linear, from a basal rosette, white flowers in late summer and early fall. The seeds and tubers offer food for many different birds, muskrats, and beavers, while the foliage provides cover for fish and aquatic insects. Used in phytoremediation; the plant extracts over-abundant nutrients and heavy metals from sediment and water.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

Tuber	1.00

Sparganium emersum *(Simplestem Bur-reed)*

OBL

Circumboreal rhizomatous perennial for wet ground with up to 3' of standing freshwater. Provides excellent habitat for wildlife and also takes up pollutants readily in bioswales and water quality detention ponds. Stems and leaves float, grows to 6' in length.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling	.90	.60	.47

Nuphar lutea ssp. polysepala (Rocky Mountain Pond-lily)

Veronica americana *(American Speedwell)*

OBL

Common blue flowered perennial in wetlands, stream edges, and other wet habitats across North America, except absent from the U.S. southeast. Grows from a creeping rhizome, with stems 4-36" long, prostrate to ascending, sometimes partially submerged. Blooms May to July.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

Bare-root seedling	.80	.54	.40

Veronica americana (American Speedwell)

Sagittaria latifolia (Broadleaf Arrowhead, Wapato)

BULBS, RHIZOMES, TUBERS

A Note About Bulbs, Rhizomes and Tubers

All our bulb, rhizome, and tuber offerings are propagated from carefully tracked seed collections, and we only grow species plants, not hybrid varieties. Larges are blooming size and are typically four or more growing seasons old. Smalls (available for some species) are 2-3 years old and may not bloom in the first year. Most bulbs are harvested in late summer and available for sale through the fall. Fall is the optimal time to replant your bulbs – for best quality and assurance please place your order in Spring but no later than September 15th so that we can dig and prepare your order while the bulbs are dormant. We have taken many precautions to ensure our bulb stock is healthy, and free of nematodes and viruses.

Allium acuminatum *(Taper-tip Onion, Hooker's Onion)* NL

Delightful rose-colored flowers, typical onion scent. Found in open, rocky sites from the Pacific Coast to the Rockies. Grows 4-12" tall. Easily divided.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Large		.80	.72	.56	.40

Allium amplectens *(Narrowleaf Onion)* NL

Pink to white nearly spherical clusters of flowers on 8-15″ stems. Native from British Columbia south to California, on both sides of the Cascade Mountains crest. Grows in open meadows and dry slopes.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Large		.80	.72	.56	.40

Please see our **HERBACEOUS PERENNIALS** section for more **Allium** species

Brodiaea please also see **Dichelostemma** or **Triteleia**

Brodiaea coronaria *(Crown Brodiaea)*

FACW

Beautiful bell-shaped purple flowers bloom June to July. Native from Washington to California, grows up to 18″ tall. Many offsets.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Large		.80	.72	.56	.40

Camassia leichtlinii ssp. suksdorfii *(Suksdorf's Large Camas)*

FACW

Edible bulb, with showy 2-4' stems of blue flowers. Native from British Columbia to California and Nevada. Likes "spring wet, summer dry" conditions.
Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		.80	.72	.56	.40
Large		1.10	.99	.77	.55

Camas bulbs, large size

Camassia quamash spp. maxima *(Common Camas)*

FACW

Bright to deep bluish-violet flower spikes with deeply buried bulbs. Generally found in deep soils in wet meadows, fields, and rocky, coastal bluffs, from southern British Columbia through the western states. Likes "spring wet, summer dry" conditions. Grows 1-2' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		.80	.72	.56	.40
Large		1.10	.99	.77	.55

Delphinium menziesii *(Menzies' Larkspur)* NL

Deep blue larkspur with a white face native to coastal bluffs and prairies of the Pacific Northwest. Grows 1-3' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		1.00	.90	.70	.50
Large		1.20	1.08	.84	.60

Delphinium nuttallii *(Upland Larkspur)*

FACU

Stunning deep blue northwest Delphinium associated with Garry Oak meadows. Found on coastal bluffs and lowland outwash prairies in Washington and Oregon. Grows 1-2' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		1.00	.90	.70	.50
Large		1.20	1.08	.84	.60

Delphinium trolliifolium *(Columbian Larkspur)* NL

Deep blue Delphinium with white highlights appearing in moist woods and along stream banks from the Columbia River Gorge to the northern coast of California. Grows 2-4' tall. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		1.00	.90	.70	.50
Large		1.20	1.08	.84	.60

Dodecatheon hendersonii *(Broad-leaved Shooting Star, Mosquito Bills)* NL

Lovely wildflower with ovate leaves found in grassy meadows with well-drained soil, from southern British Columbia to California. Cyclamen-like flowers are a beautiful magenta. Grows 4-20″ tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Bare-root seedling		1.00	.90	.70	.50

Dodecatheon pulchellum *(Darkthroat Shooting Star)*

FACW

Easy to grow western native found from coastal balds rocky outcrops up into alpine meadows. Numerous magenta flowers, with backswept petals like little rockets, top a rosette of fleshy lance-shaped leaves. Likes "spring wet, summer dry" conditions, sunny or partially shaded sites.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Bare-root seedling		1.00	.90	.70	.50

Erythronium grandiflorum *(Yellow Avalanche Lily)*

FACU

Native to the western states, this bulb has graceful yellow lily flowers emerging early in the spring. Emerges at snowline in alpine meadows. Grows 8-12″ tall.
Provenance: 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		1.50			
Large		2.00			

Triteleia [Brodiaea] hyacinthina (Fool's Onion, White Brodiaea)

Erythronium oregonum *(Giant White Fawn Lily)* NL

West Coast native bulb with mottled lance-shaped leaves crowned by delicate white lily-like flowers. Full sun to part shade in coastal balds and lowland forests. Grows 6-16″ tall.
Provenance: 02-Puget Lowland, 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		1.50			
Large		2.00			

Fritillaria affinis *(Checker Lily)* NL

Pendant mottled purple and green flowers. Found in open grassy areas and lightly shaded forest openings, across the PNW and beyond from Washington to California, and Idaho. Grows 1-2′ tall. Best in moist cool spot with good drainage.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		1.50			
Large		2.00			

Fritillaria pudica *(Yellow Bells, Johnny Jump Up)* NL

Eastern Cascades to Rocky Mountain native bulb with delicate fragrant yellow flowers that usher in spring. Grows 4-12″ tall.
Provenance: 05-Sierra Nevada

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		1.50			
Large		2.00			

Lilium columbianum *(Columbia Lily)* NL

Northwest lily has bright orange flowers with dark speckles and lovely fragrance. Native from Washington to northern California, Montana. Grows to 4' tall.
Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		1.50			
Large		2.00			

Lilium pardalinum ssp. shastense *(Shasta Lily)*

FACW

Beautiful yellow-orange flowers, lighter on the petal backs, with maroon speckles, native to northern California. Grows in part shade and moist soil in forests and along streams, to 5' tall. Interestingly, these plants are primarily pollinated by western tiger swallowtail and pale swallowtail butterflies.
Provenance: 05-Sierra Nevada

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		1.50			
Large		2.00			

Lilium pardalinum v. vollmeri *(Vollmer's Lily)*

FACW

Spectacular dark orange to red flowers. Prefers moist soil. Native to the extreme southwestern corner of Oregon and adjacent northwestern California. Grows to 5' tall. Interestingly, these plants are primarily pollinated by western tiger swallowtail and pale swallowtail butterflies.
Provenance: 78-Klamath Mountains

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Small		1.50			
Large		2.00			

Triteleia grandiflora v. grandiflora [Brodiaea douglasii] (Large flower Triteleia) NL

Bright blue umbels grace meadows and hillsides most commonly east of the Cascades in Washington and Oregon, east to Montana and Utah.
Provenance: 09- E. Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Large		.80	.72	.56	.40

Triteleia [Brodiaea] hyacinthina *(Fool's Onion, White Brodiaea)*

FAC

Large clusters of lovely white flowers on 1-3' stems. Prefers spring wet/summer dry conditions. Native from British Columbia to California, Idaho. Potential rain garden plant.
Provenance: 78-Klamath Mountains

Available	J	F	M	A	M	J	J	A	S	O	N	D

GRADE	SIZE	UNIT PRICE 50	100+	500+	1000+
Large		.80	.72	.56	.40

Fourth Corner Nurseries