

Fourth Corner Nurseries

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NATIVE PLANTS OF NORTH AMERICA | WHOLESALE CATALOG

Frequently Asked Questions

Although we strive to be more or less a one-stop-shop for all of your native plant needs, you'll notice that we haven't yet moved to the big box store model, with 24/7 online ordering and next day shipping, 365 days a year. Our plants are tough- able to stabilize soil, withstand flooding, sequester carbon and provide a myriad of other ecological services when used appropriately. Despite this resiliency (rather, because of it) our plants are not inanimate widgets sitting on a warehouse shelf, waiting to be shipped. They are living organisms that have cycles of growth, hardiness, and dormancy, and they require appropriate care to survive the process of getting from our nursery to you.

There are a number of implications to this. There is nuance to when it is safe to dig and ship your plants, depending mostly on the species, stocktype, season, and weather, but also on our capacity to process your order. Our inventory is also a moving target- not only the number of plants that are available, but also the size that they will end up being when they are harvested, which may be many months after you place your order. And the work of taking your order, getting your plants harvested, graded, boxed up, and shipped is all performed by real humans. We strive to be as efficient as possible, but each of these steps is performed with care and does take time.

What follows is a selection of questions that have been asked by customers over the years. We hope that the answers will help shed a little light on our process. And if you still have questions after reading this, please don't hesitate to ask! A real human is ready and waiting to answer your phone call or email.

Who can buy from your nursery?

We are happy to provide native plants to folks who need them. There are no same-day orders. All orders must be placed ahead of time and will be scheduled for shipping or pick up on a specific date. There is a minimum of \$250 on each order placed. Minimum quantities are: bareroot bundles of 50, trays in multiples of (72), (49), or as indicated in the catalog.

Can I qualify for wholesale pricing?

Discount pricing is built into the pricing structure and is based on the quantity of each item ordered.

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Squirrel food, or future forest

Greetings,

At Fourth Corner Nurseries we live by the seed and die by the seed - this is our way. We do stick a cutting here, and divide a rhizome there, but 95% of the hundreds of species that we grow are propagated from seed. Seeds are amazing - in a world of hyperbolic realities, that's a fact! Behind every towering *Pseudotsuga menziesii* (Douglas fir) or elegant *Fritillaria affinis* (Checker Lily) was once a tiny, unassuming seed. Seeds come in all sizes, from the minuscule powder that is *Juncus ensifolius* (Daggerleaf Rush) seed at 8 million seeds per pound to the comparatively whopping acorns of *Quercus garryana* (Oregon White Oak), at 200 seeds per pound. Seeds are durable and many are tough enough to withstand flood or drought. They can survive for years or even decades, their intricate biochemical clocks programmed to wake up when germination conditions are favorable. And when they do germinate, they contain both the blueprints and battery to fuel development until the plant's photovoltaic systems come online.

And there's more. Every seed represents a unique combination of genetic diversity. During the miracle of meiosis when a plant produces haploid spores

(remember: haploid is the state when an organism exists with single copy of its genome - in higher plants the haploid phase manifests as pollen and eggs), analogous chromosomes are able to 'cross-over' themselves and switch out sections of their genome. This means that every pollen grain and egg is unique and, by extension, so is their diversity represented in every diploid embryo (aka seed!); even plants that self-pollinate produce genetically unique seeds. Cool!

Seeds have so much potential in such a tiny packet. Quite simply, our job is to unlock their potential. Sometimes, most of the time really, we succeed, but there are also times and certain species where the seeds hold secrets that we are unable to unleash. My favorite part of the production process is right after the seed has been sown. In that moment, the field is a clean canvas, ribbons of neatly tilled sandy-loam earth holding our best-laid intentions.

Year to year, we can start seemingly identical seed, follow the treatment protocols, keep to the same timeline, and sow in the same fields and get either the best crop ever or not even one germinant (yes, I'm calling you out *Viburnum ellipticum* (Oval Leaved Viburnum)). Einstein is quoted as having said

that 'Insanity is doing the same thing over and over and expecting different results.' Well, we definitely don't have the faintest about quantum mechanics, but I can tell you that you don't need a fancy atom smashing particle collider to measure the randomness of the universe. Even though it doesn't always work out how we planned, we still embrace the way of the seed. Feel free to call us insane, or better yet call us and let us know how we can assist with your native plant needs.

Cheers,

Dylan

Dylan Levy-Boyd
General Manager, Fourth Corner Nurseries

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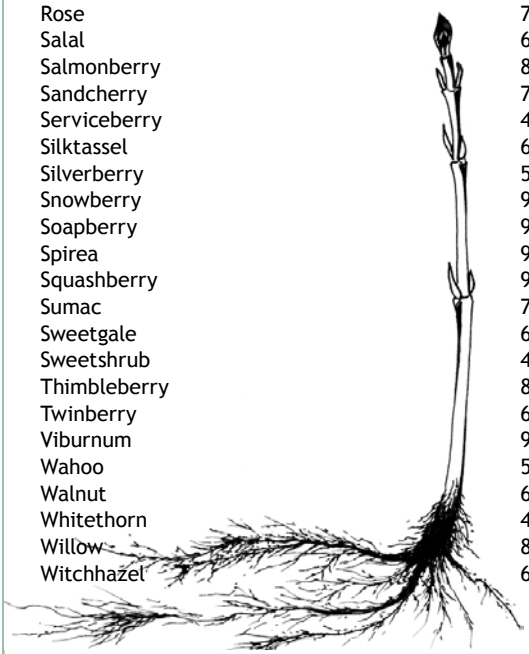
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COMMON NAME INDEX

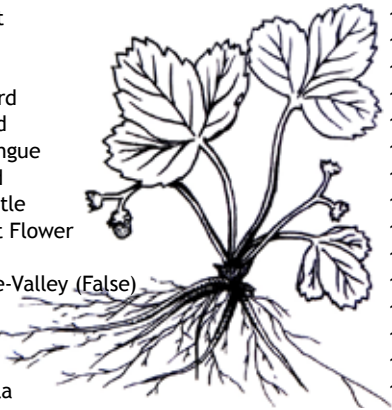
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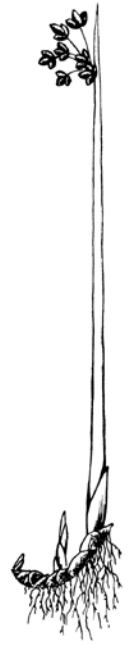
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PLUGS

The following species are offered as plugs by pre-order only. Please place your order by the date below for finished plugs in 2024.

Species	Order by	See Description
<i>Arbutus menziesii</i> (Pacific Madrone)	October 1st	pg. 4
<i>Mahonia nervosa</i> (Cascade Oregon Grape)	October 1st	pg. 6
<i>Mahonia repens</i> (Creeping Oregon Grape)	October 1st	pg. 6
<i>Pinus ponderosa</i> (Ponderosa Pine)	October 1st	pg. 12
<i>Shepherdia canadensis</i> (Soapberry)	October 1st	pg. 9

FOR YOUR INFORMATION

Contact Information

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CONTRACT GROWING & CUSTOM PROPAGATION

Dylan Levy-Boyd, Bare Root Propagation,
dylan@fourthcornernurseries.com

Kelly Broadlick, Plug Production,
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Email: salesdesk@fourthcornernurseries.com

Billing Address: 5757 Sand Rd., Bellingham, WA 98226

Sales hours:

**8 AM-4 PM Pacific Time
Monday through Friday**

**Toll free: 800-416-8640
Fax: 888-506-1236**

Wetland Indicator Status

This edition of the Fourth Corner Nurseries' catalog reflects the changes encompassed in the most recent 2020 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: https://wetland-plants.sec.usace.army.mil/nwpl_static/v34/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.



A Note on Nomenclature

Several species have recently experienced name changes resulting from continuing research. We have adopted the nomenclature presented in the Flora of the Pacific Northwest 2nd Edition (Hitchcock and Cronquist, 2018) though some names follow recent updates from the Washington Flora Checklist hosted by the University of Washington Herbarium, Burke Museum <http://biology.burke.washington.edu/herbarium/waflora/checklist.php> and 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 (COD, Pre-pay, etc.) 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 the deterioration of your plants while we wait for payment. We accept Visa and Master Card. To cover the cost of credit card acceptance, we are now assessing a 3.0% credit card fee. This fee is not greater than the cost to us of accepting these cards. There are no fees for debit cards, checks, ACH transfers, or cash. Any taxes arising from the purchase, including sales tax or any other local tax, are the responsibility of the Buyer.

Minimum orders: Minimum confirmed order for nursery stock is \$250.00. Bare root stock sold in multiples of 50. Orders not meeting the \$250 minimum will be charged \$50 to cover sub minimum order handling charges.

Cancellations: A 25% charge will be billed on all canceled or reduced bare root and/or plug tree and shrub orders after December 1st. For all other plant materials including herbaceous perennials, graminoids, bulbs and aquatics, cancellations or reductions within 30 days of the anticipated ship date will incur a 25% charge. Cancellations or reductions of quantity ordered must be submitted in writing. An order may not be canceled after the preparation of the order for shipping. Orders may be canceled by Fourth Corner Nurseries due to late payments.

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

Order Changes: Orders may not be changed within a week of the confirmed Ship Date because they will be in process for shipping.

Shipping: All nursery stock is shipped at the Buyer's risk and expense ex-warehouse, Bellingham, WA. We charge for freight and packaging. Bare-root orders will be shipped by the method we think best unless you have specified otherwise. Orders are typically shipped UPS or truck freight. Orders may also be picked up at our nursery; please call or email two weeks 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.

Claims: We take great care to provide high quality, healthy nursery stock. However, we can give no guarantee, expressed or implied, as to productivity or life span. Buyer assumes responsibility for the plants as soon as they leave our care. We assume no responsibility for damage to plants sustained during shipment. Any stock received in unsatisfactory condition must be reported to us in writing within 5 business 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. We take care to ensure that plant counts are correct, however we suggest you confirm our count. Any shortages must be reported in writing within five business days of receipt of delivery for a credit or replacement to be issued.

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 due to: frost, heat, disease, flood, fire, labor shortages, errors in count, transport delays, or other circumstances beyond our control.

Grading

We take care to grade and ship high-quality, healthy plants. 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 collections 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: <http://fourthcornernurseries.com/seed-zone-maps/>.

Plant Seasonal Availability

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

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. We have successfully completed growing contracts for the U.S. Forest Service, Seattle City Light, Seattle Metro, Oregon Metro, National Park Service, and the Washington Departments of Transportation, and the U.S. Fish & Wildlife Service. Our experienced staff is always ready to discuss your plant needs—for questions about trees, shrubs, perennials, and seed contact Dylan Levy-Boyd, dylan@fourthcornernurseries.com; for questions about plug production contact Kelly Broadlick at kelly@fourthcornernurseries.com.

Unit Pricing

50 100+ 500+ 1000+

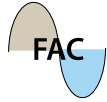
A unit is one plant. All pricing is for individual plants based on total quantity purchased per species. Bare root plants are available in bundles of 50 only.

TREES & SHRUBS

GRADE	SIZE	UNIT PRICE			
		50	100+	500+	1000+

Sambucus cerulea (Blue Elderberry)

Northwest native shrub 15-20' tall, with showy white flower clusters that attract butterflies and hummingbirds. Blue fruit is wildlife food. 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
Seedling	crown	1.68	1.51	1.01	.84							
		small	1.79	1.69	1.07	.89						
	large	1.89	1.70	1.13	.95							
miniplug+1	12-18"	1.89	1.70	1.13	.95							

Sambucus nigra ssp. cerulea please see *Sambucus cerulea*

Sambucus racemosa (Red Elderberry)

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
Seedling	crown	1.40	1.26	.84	.70							
		large	1.68	1.51	1.01	.84						
	large	1.79	1.69	1.07	.89							

Shepherdia argentea (Silver Buffaloberry)

Deciduous shrub with both silvery-gray bark and foliage growing to 20'. Native from the intermountain west to the western plains states. Dioicous (separate males and females), with thorns. Tolerates poor, alkaline soils and very hardy. Provenance: 15-Northern Rockies



Available	J	F	M	A	M	J	J	A	S	O	N	D
Seedling			6-12"	1.68	1.51	1.01	.84					
Transplant			12-18"	1.79	1.69	1.07	.89					

Shepherdia canadensis (Russet Buffaloberry, Soapberry)

Nitrogen-fixing deciduous shrub to 15' tall with russet leaves and stems, tiny yellow flowers and red berries eaten by birds. Male and female flowers on separate plants. 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: 02-Puget Lowland, 15-Northern Rockies



Available	J	F	M	A	M	J	J	A	S	O	N	D
P-1	(Dec-Apr)			3.00	2.70	1.84	1.50					
Plug	(Oct-Mar)	Plug-15		3.00	2.70	1.84						

Spiraea douglasii (Hardhack Spiraea)

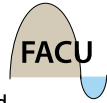
Deciduous shrub native to western North America, grows 6-12' tall with showy pink flowers. Prefers wet habitats, sea level to subalpine, spreading vigorously by rhizomes. Competes favorably with reed canary grass. Tolerates salt spray in shoreline plantings. Provenance: 02-Puget Lowland, 03-Willamette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



Available	J	F	M	A	M	J	J	A	S	O	N	D
Seedling	1-0	6-12"	1.40	1.26	.84	.70						
		12-18"	1.58	1.42	.95	.79						
		2-0	18-36"	1.79	1.69	1.07	.89					
		36"+	1.89	1.70	1.13	.95						

Spiraea lucida [betulifolia] (Shinyleaf Spiraea)

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



Available	J	F	M	A	M	J	J	A	S	O	N	D
Seedling	6-12"	1.58	1.42	.95	.79							
		12-18"	1.79	1.69	1.07	.89						
Transplant	12-18"	1.89	1.70	1.13	.95							

Spiraea splendens (Subalpine Spiraea)

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, 77-North Cascades



Available	J	F	M	A	M	J	J	A	S	O	N	D
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Not in production this year



Freshly planted seedling beds on a beautiful autumn day

GRADE	SIZE	UNIT PRICE			
		50	100+	500+	1000+

Symphoricarpos albus (Common Snowberry)

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, 10-Columbia Plateau, 15-Northern Rockies



Available	J	F	M	A	M	J	J	A	S	O	N	D
Seedling	1-0	6-12"	1.58	1.42	.95	.79						
		2-0	12-18"	1.68	1.51	1.01	.84					
		18-36"	1.79	1.69	1.07	.89						
		36"+	1.89	1.70	1.13	.95						
Transplant		18-36"	1.79	1.69	1.07	.89						

Symphoricarpos hesperius please see *S. mollis v. hesperius*

Symphoricarpos mollis v. hesperius (Trailing Snowberry)

NL

Prostrate shrub with light pink flowers and white berries. Native in Pacific coast states and Idaho woodlands. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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In production, inquire for availability

Symphoricarpos orbiculatus (Coralberry)

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



Available	J	F	M	A	M	J	J	A	S	O	N	D
Seedling			6-12"	1.68	1.51	1.01	.84					
Transplant			12-18"	1.79	1.69	1.07	.89					

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: UT

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Not in production this year

Vaccinium membranaceum (Thin-Leaf Huckleberry)

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
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Not in production this year

Vaccinium deliciosum (Cascade bilberry)

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
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In production, inquire for availability

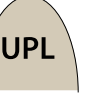


Vaccinium ovatum (Evergreen Huckleberry)

GRADE	SIZE	UNIT PRICE			
		50	100+	500+	1000+

Vaccinium ovalifolium (Oval-Leaf Blueberry)

A slow growing deciduous shrub up to 9', though lower at northern latitudes. Found throughout the Pacific Northwest up to Alaska, as well as from the northeastern corner of the continent. Large tasty fruits are similar in size and color to commercial blueberries. Provenance: 77-North Cascades



Available	J	F	M	A	M	J	J	A	S	O	N	D
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In production, inquire for availability

Vaccinium ovatum (Evergreen Huckleberry)

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. Provenance: WA



Available	J	F	M	A	M	J	J	A	S	O	N	D
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2" pots 3.50 3.00 2.84

Vaccinium parvifolium (Red Huckleberry)

Deciduous huckleberry found in the understory of western forests. Prefers moist soil with plenty of woody organic matter, fruits better with more sunshine. Cloned from selected northwest Washington lowland plants. Provenance: WA



Available	J	F	M	A	M	J	J	A	S	O	N	D
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Not in production this year

Viburnum dentatum (Southern Arrowwood)

NL

Eastern native shrub to 10' tall, with white flowers and dark-blue berries.

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Not in production this year

Viburnum edule (Squashberry)

Straggling-to-erect deciduous shrub, to 12'. Sprouts following fire. Moist forests, stream or lake margins, gravel or rocky banks, swamp or bog margins. Develops best in full sun on well-drained, alluvial soils; tolerates clay to fine loam. High tolerance to frost and low soil/air temperatures. Flowers May to August; depends on location. Fruits ripen August to October; persist into winter. Provenance: 77-North Cascades



Available	J	F	M	A	M	J	J	A	S	O	N	D
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Seedling	3-6"	2.10	1.89	1.26	1.05							
		6-12"	2.52	2.27	1.51	1.26						
Transplant	6-12"	3.30	2.97	1.98	1.65							
		12-18"	3.50	3.15	2.10	1.75						

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

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

Seedling	3-6"	1.68	1.51	1.01	.84								
		6-12"	1.79	1.69	1.07	.89							
		12-18"	2.00	1.80	1.20	1.00							
Transplant	6-12"	2.52	2.27	1.51	1.26								
		12-18"	2.79	2.48	1.65	1.38							

Viburnum opulus v. americanum [trilobum] (American Cranberrybush)

NL

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: IA

Available	J	F	M	A	M	J	J	A	S	O	N	D
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In production, inquire for availability



Shepherdia canadensis (Soapberry)

FREQUENTLY ASKED QUESTIONS



Golden hour at the nursery

Can I visit your nursery? Can I buy plants today?

We are not set up for drop-ins and are not a retail nursery with ready-to-sell plants on hand. If you would like to visit the nursery, please call ahead and arrange a tour with a staff person. During your visit we will be happy to show you around and answer questions, but there are no same-day sales.

Can you tell me which plants I should buy for my backyard project?

We love it when folks plant natives! Unfortunately, even though we have lots of experience growing native plants, we are not landscape designers nor restoration ecologists; we do not offer consultation. As a wholesale nursery, we do not have staff available to answer these types of questions. There are many excellent resources for choosing native plants. Please come to us after you have a list of species, sizes, quantities and stock types.

50 is too much! Can I order less and/or is there an alternative to the \$250 minimum?

If you can't meet our minimums, keep an eye out for your local conservation district's plant sale, usually February-April. They typically sell bareroot plants by the 5 or 10. And start asking for natives at your local retail nursery - if you ask enough times maybe they will start carrying more natives! Also, if a bundle of 50 bareroot is too much of one species, ordering containers is an alternative (\$250 minimum). Note we do not ship containers 4" and larger.

When can I place my order?

We accept orders year-round. Most orders are placed as pre-orders months in advance of the season in which the plants will be ready. Not all species and stock types that we grow are available at the same time, so pay attention to the colored seasonal-availability calendar listed for each species.

How do I place an order?

The best way to order is by emailing or calling our office. List the species, size, provenance and desired quantity [for bareroot stock round quantities to multiples of 50; round up tray orders by the quantity in parentheses i.e. (72), (49)]. Reference our catalog and/or availability list and base your request on species, sizes, stock types and seed sources offered.

We will also need to know when you hope to receive your plants, whether you plan to pick up or have them shipped, and any preferred shipping method/constraints. If you have not placed an order with us before, we will also need detailed Ship To and Bill To (A/P) contact information. Washington state addresses will be charged applicable tax unless we have a current reseller permit on file.

How will I know what my quantities will be/when?

After placing an order, you will receive an Acknowledgement that shows the quantity of each item ordered and the quantity acknowledged at that time. The acknowledged quantity is how many of a given item we project to be able to fulfill based on our inventory estimates. If the quantity acknowledged is zero, or less than the quantity ordered, it means that we do not currently expect to have the plants available to fulfill the amount you requested. You may also see zero quantity acknowledged if you pre-ordered before we have a working estimate of the projected inventory for an item. In these cases, we will send an updated Acknowledgement with acknowledged quantities when the new inventory becomes available.

Do I need to pay a deposit?

A 25% deposit is due within 10 days of receiving your Acknowledgement unless you have a purchase history with us and pre-established terms.

When is my payment due? Are there any restrictions?

COD orders are due and payable when the plants leave the nursery. Net30 accounts are due and payable 30 days after leaving the nursery. Prepayment may be required in some cases. Finance charges of 1.5% per month are automatically added to overdue balances.

What forms of payment do you accept?

We encourage no-fee payment by Cash, Check, ACH, or Debit. We accept Visa and Mastercard. To cover the cost of credit card acceptance, we assess a 3.0% credit card fee when payment is processed. This fee is not greater than the cost to us of accepting these cards.

Can I apply for a credit (Net30) account?

You must have two years' ordering history with a good payment record

before applying for a credit account, and if approved must maintain a good payment history.

What about substitutions?

We do our best to provide you with a stock type and seed source suitable for your needs. It is always helpful to share basic information about how you intend to use your plants (e.g., direct out-planting, liners for X type container, etc.) and what seed sources you can accept. On your Acknowledgment, we may offer the next alternative size or seed source when your preferred option is unavailable. You can recognize a substitution when there is an alternative item on your Acknowledgment where the ordered quantity is zero but there is an acknowledged quantity equal to or less than the original request. At the time of shipping, if necessary, we may substitute the next available size or seed source without notice, unless you request in writing that we make no substitutions. You will be charged for the size shipped.

When do the availability lists come out?

Pre-production planning and propagation activities generally precede the availability lists by 12+ months (see "Timeline for a typical bareroot tree or shrub seedling"). We don't start physical inventory until plants/seedlings/plugs are well established and thriving.

Bulbs: inventory is taken in the spring and the availability list is published in late May.

Herbaceous availability including aquatics, graminoids, and perennials: inventory of new production is through spring and summer and updated in July.

Trees and Shrubs and Conifers: inventory of new production is through summer and updated in August.

You are welcome to pre-order before the availability list is published.

The availability doesn't have the species or size or seed source that I am looking for. When will you have it again?

For some popular items, demand exceeds our production capacity, and we sell through well before the inventory process even starts. Also, production outcomes vary year to year, and we do have crop failures which can limit inventory of a species or particular stock type. Our propagation is coordinated with the natural growing cycles. If you don't see what you want in our availability, we generally won't have it again until the following year's production cycle. BUT it never hurts to ask! We'll put you on a waitlist and sometimes there are cancellations, or we could have underestimated the inventory and end up with more plants than we thought.

I see the plants I need on the availability list; can you ship them right away?

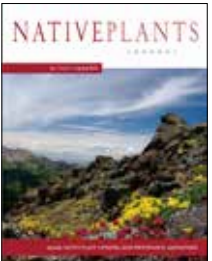
We are not set up to do rush orders. Please plan ahead. First, keep in mind that our availability lists show the plants that will be ready during the upcoming availability calendar-window. For example, bareroot trees and shrubs are dug and shipped when they are dormant; the bareroot Tree and Shrub availability lists are published annually in August and show the plants available for pre-order in the upcoming winter season (Dec to Apr). Remember, not all species and stock types that we grow are available at the same time, so pay attention to the seasonal availability calendar listed for each species.

Second, even during the winter when we can store dormant bareroot stock in cold storage, most of our plants are dug and graded to order. Getting a plant on the dig schedule and through the grading line takes time, not to mention that there could be many orders already on the schedule. If you would like to place a new order 'in season' for an available species/stock type, anticipate the lead time being at minimum two weeks, possibly longer if it is a crunch time when everyone wants their plants.

When can I get my plants and how does scheduling work?

All orders - whether for container, bareroot and/or plug stock types - must be placed ahead of time and will be scheduled for shipping or pick up on a specific date. The 'ship date' is the day the plants leave our nursery, not the day you will receive them, so be mindful of transit times when scheduling.

Since most of our sales are pre-orders, it is not feasible nor desirable to set an exact ship date months in advance. As the season approaches when your plants will be ready, we will reach out and start the scheduling process. For instance, bareroot trees and shrubs are generally available December through April. In November we will contact you and work out a two-week timeframe within the shipping season for when you would like to receive your plants. Be sure to watch your email for this notice to schedule your order in a timely manner!! We call this two-week preferred shipping window a 'shipping block'. After we've narrowed down your shipping block, in the week preceding the start of the block we will follow up and let you know the exact 'ship date' that your plants will be ready.

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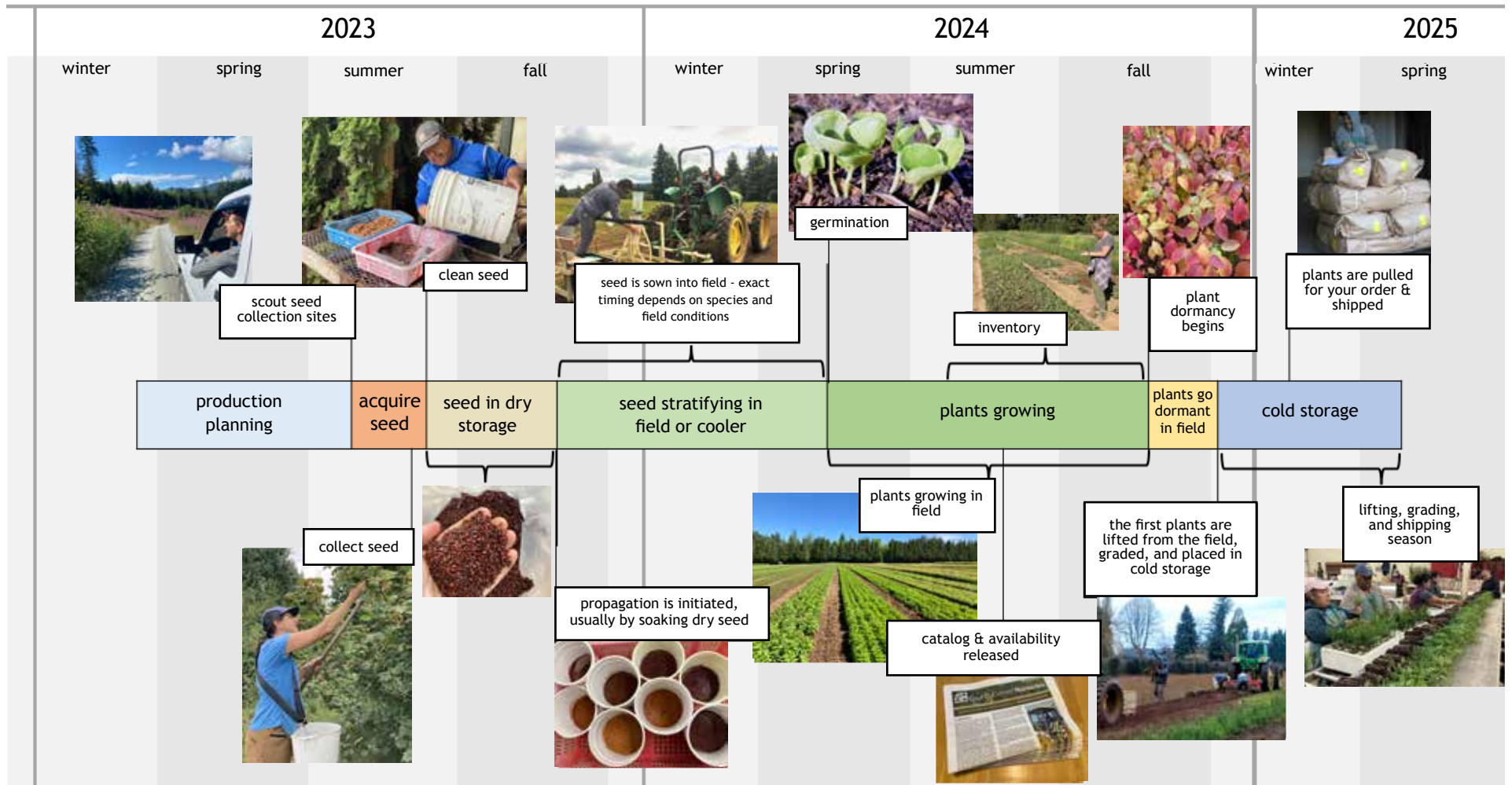
<http://uwpress.wisc.edu/journals>

FREQUENTLY ASKED QUESTIONS

Timeline for a typical bareroot tree or shrub seedling

Have you ever wondered how long it takes to produce the plants that you receive from us? The answer to that question is as varied as the species and stocktypes that we offer. It ranges from 9 months for the very fastest turnaround time with some of our *Salix spp.*, for which we harvest seed in the spring, sow immediately, and then sell one year old seedlings that first winter, to a flowering Lily or Camas bulb, which takes about 5 years to produce from seed. Most species fall somewhere in between.

The timeline for the average one year old tree or shrub seedling is displayed below, and clocks in at roughly 2 years from start to finish. Add a year for any of the following - two year old seedlings, transplants, or a species with especially long or complicated seed dormancy - and you can start to see why it's difficult for us to make rapid changes to our availability. The gears have been in motion for at least 18 months by the time our catalog comes out and most orders are typically placed. Even early orders that are placed in the preceding winter are usually still too late for us to adjust our production planning. We do our best to produce what we anticipate having orders for from year to year, but if you are in need of an especially large number of plants or plants grown from specially-sourced seed, please get in touch at least two years in advance of when you need the plants so that we have enough lead time to accommodate your request.



Do you deliver?

We do not offer delivery. Orders must be picked up or shipped.

Do you ship? Do you ship internationally?

We've shipped to almost every US state, and we routinely ship outside the United States, most frequently to Canada. We ship all species that are permitted under US and foreign agriculture protection laws specific to your country/province. Plants set to ship outside the US are inspected by the Washington State Department of Agriculture to obtain a phytosanitary certification. We will work to find the right carrier to transport the plants or arrange for pickup at the nursery.

How much will it cost to ship my plants?

Bareroot plants are relatively economical to ship, especially compared to container stock. Shipping cost depends on many fluctuating factors and cannot be perfectly estimated beforehand. We are happy to provide a rough estimate but can't guarantee the exact shipping rate; only after packaging and weighing your order is the actual charge determined. We only pass on the carrier's charges and do not mark up shipping. We typically ship depending on order volume via UPS or Oak Harbor Freight, other common carriers, and the US Postal Service where necessary.

Can I pick up my order?

Customers are welcome to pick up orders at our nursery. Plants are pulled ahead of time specifically for your order and you must pick up on your scheduled pickup date.

I'm picking up my order; do I need to rent a truck or trailer?

Bareroot plants are very light and compact compared to containerized plants. For many species, 1000 6-12" seedlings easily fit in a single bag or box. This is why most orders can be shipped UPS, and large orders usually fit on just a few pallets. With that said, the exact number of bags will depend on the size and number of seedlings on your order. If you are planning to pick up, feel free to call and double check whether your order will fit in your vehicle.

If you are picking up containerized plants or plugs, plan on your order taking up more space and weighing more. Again, call us for help determining the appropriately sized vehicle for transporting your order.

How should I handle my plants after I receive them?

Be aware that the buyer assumes responsibility for the plants as soon as they leave our care. We assume no responsibility for damage to plants sustained during shipment. Notify the shipping company as soon as possible if your order arrives in a damaged state, or if it has been delayed or lost in transit. Use your order's tracking number for identification with the shipping company.

Receiving your Order:

Bareroot Tree and Shrub Handling

Bundled seedlings will often generate heat and sweat during transit, so it's im-

portant to inspect your order when it arrives to determine if the plants have bud swelling and have broken dormancy in transit.

Plants that have broken dormancy, and all broadleaf evergreens like Mahonia, should be removed from the seedling bags and heeled into moist soil, sawdust, or straw in a cool shaded area with good ventilation until planting. Keeping the roots moist, tops shaded, protected from freezing and heat, and planted as soon as possible will greatly improve survivability.

Orders that have been in transit for a short time and have arrived in a cool dormant state may be stored in the seedling bags at 34-38F until planting (inspect weekly for signs of breaking dormancy).

Note: some plants follow natural cycles and break dormancy early despite cool storage.

Bareroot Perennial Handling

Grasses, sedges, rushes, and all perennial plants need to be removed from the seedling bags as soon as possible and heeled into moist soil, sawdust, or straw in a cool shaded area, protected from freezing and heat, with good ventilation, and planted or potted as soon as possible.

Bulb Handling

Bulbs, rhizomes, and tubers may arrive packed in dry OR moist sawdust. They need to be removed from the packaging and kept dry or damp (however they were packed), stored at 40-50F in a dark place, and protected from freezing and heat with good ventilation. Best to plant or pot as soon as possible.

Plugs and Potted Plants

If the plants are shipped in trays, open the boxes immediately upon receipt, remove trays from the boxes, place in an appropriate growing or holding space, and water if needed. Continue caring for the plants in their trays until they can be potted or planted.

Dormant plugs are extracted from their trays and shipped in boxes during the winter months. This includes conifer and *Alnus rubra* plugs shipped between December and March. They may arrive frozen or thawed. If they are frozen, thaw slowly at 40-50F. Once thawed, keep the plants at 33-36F until they can be potted or planted. They can hold at these temperatures for up to a few weeks, but planting within one week after thawing is best. If the plants arrive thawed and cannot be held between 33-36F, they should be potted or planted immediately. Do not refreeze if thawed. Boxes should remain out of direct sunlight (to avoid heating up) and closed (to maintain moisture) until planting.

The exceptions to the guidelines above are broad-leaved evergreen species (*Arbutus menziesii*, *Ceanothus velutinus*, *Morella californica*, etc...), and conifers shipped before December. These plugs are not fully dormant, were extracted from their trays right before shipping, and should be potted or planted immediately upon receipt. When you receive your order, keep the boxes closed and in a cool (34-40F), dark area until the plugs are potted or planted, ideally within 24 hours. If the soil or roots are dry, dip the plug into water for 1 minute before planting.

CONIFERS

SIZE	UNIT PRICE		
	100+	500+	1000+

General information about conifers

Our conifers are grown from wild seed, rather than "improved" seed that has been selected for timber qualities. We hope this genetic diversity will help these plants adapt to their planting sites now and into the future. The one exception is our *Pinus monticola*, which is grown from an orchard seed mix derived from wild trees from WA, ID, and MT that demonstrated natural resistance to white pine blister rust. In response to customer requests, we have also added more choices in our conifer seed sources. We welcome feedback on this shift.

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 frozen and should be allowed to thaw before planting. Once plugs thaw their shelf-life is limited; please plant as soon as possible after thawing. Starting this year, we are selling conifer plugs in multiples of 100 (not 50). It is difficult for us and damaging to the roots to separate frozen plugs in order to make boxes of 50. Thank you for understanding.

Abies grandis (Grand Fir)

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 and ABGR-4 at 0-500' elevation, and ABGR-2 at 0-1000' elevation (0-1000' band)

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-10						1.48	.99	.83				
Plug-15						1.64	1.09	.91				

Callitropsis [Chamaecyparis] nootkatensis (Alaska Yellow Cedar)

Long-lived conifer with pendulous branches, blueish-green leaves and shaggy grey bark. Found in moist to wet sites in coastal montane forests from 2000-7500' in Oregon and Washington Cascades down to sea level in Southeast Alaska. Its strong and light wood was used by many coastal peoples to make bows, paddles, and tool handles.

Seed Zone: Vancouver Island, BC at 3500' elevation

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-15						1.85	1.23					

Calocedrus decurrens (Incense Cedar)

This "beautiful cedar" (the meaning of *Calocedrus*) makes a handsome landscape tree with aromatic wood that resists decay and insects. Native from the dry side of the Oregon Cascades through southern California and Mexico, this tree grows biggest in moist, well-drained, fertile soil but will tolerate hot, dry sites with poor soil. Prefers full sun to light shade. Fire and drought tolerant. Grows to 120' tall. Seed Zone: 78- Klamath Mtns

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-15						1.85	1.23					

Juniperus scopulorum (Rocky Mountain Juniper)

A drought tolerant, shade intolerant, slow growing tree that tops out at 30 ft. Important forage and cover for birds and other wildlife.

Available	J	F	M	A	M	J	J	A	S	O	N	D
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In production; inquire about availability

Picea sitchensis (Sitka Spruce)

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-2 at 0-500' elevation and PISI-4 at 1000-1500' elevation (only one elevation band exists)

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-10						1.48	.99	.83				
Plug-15						1.64	1.09	.91				

Pinus contorta v. contorta (Shore Pine)

Two-needled pine with rounded stature to 40'. Adaptable to many soil types, from moist areas around lakes and bogs to well-drained or nutrient-poor locations. Tolerates salt spray along shorelines. The coastal counterpart to lodgepole pine, native from Alaska to northern California.

Seed Zone: PICO-1 at 0-500' elevation (0-1000' band)

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-15						1.85	1.23	1.03				

SIZE	UNIT PRICE		
	100+	500+	1000+

Pinus monticola (Western White Pine)

This five-needled pine grows from BC to California and east to Montana, found at higher elevations in the southern part of its range but down to sea level in Washington and BC. An important timber species, this tree has been hugely impacted by white pine blister rust. Our seed is from trees with naturally occurring resistance. Grows to 120' tall.

Seed Zone: WA/ID/MT- rust resistant

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-15						1.85	1.23					
P-1						1.85	1.23					

Pinus ponderosa (Ponderosa Pine)

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: Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-15						1.85	1.23					

Pseudotsuga menziesii (Douglas Fir)

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 0-500' elevation and PSME-5 at 0-1000' elevation (0-1000' band)

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-10						1.48	.99	.83				
Plug-15						1.64	1.09	.91				

Taxus brevifolia (Pacific Yew)

Often the most unassuming conifer in the forest, this extremely slow growing, long lived, shade tolerant tree was used by coastal tribes for tough tasks - halibut hooks, tool handles, etc... These are propagated from seed. (Also a tough task!)

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Not in production this year

Thuja plicata (Western Red Cedar, Canoe Cedar)

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 and THPL-3 at 0-500' elevation (all in the 0-2000' band)

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-10						1.48	.99	.83				
Plug-15						1.64	1.09	.91				

Tsuga heterophylla (Western Hemlock)

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-1 and TSHE-2 at 0-500' elevation (0-1200' band)

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-10						1.48	.99	.83				
Plug-15						1.64	1.09	.91				

Tsuga mertensiana (Mountain Hemlock)

A lovely tree, with its graceful form, spire crown, and needles that look like little stars on 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. Somewhat shade tolerant, grows best in cool, moist sites.

Seed Zone: Vancouver Island, BC

Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-6						1.59	1.06					



Conifer seedlings growing happily in the summer

A quick guide to deciphering conifer seed zones:

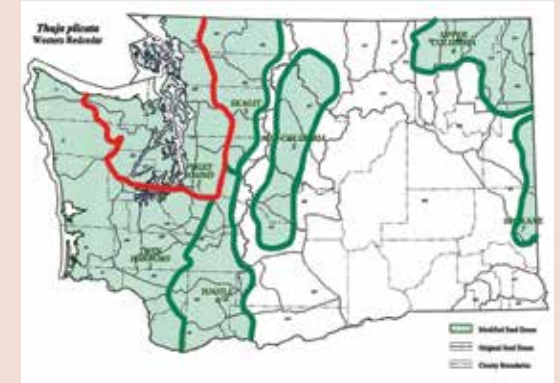
Species-specific seed zones were developed for many of our native conifers by the US Forest Service and the Washington State Department of Natural Resources in 2002. These research-based zones are better guidelines for seed transfer than generic ecoregions, and we use them whenever they are available. 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 0-500' elevation (0-2000' band)

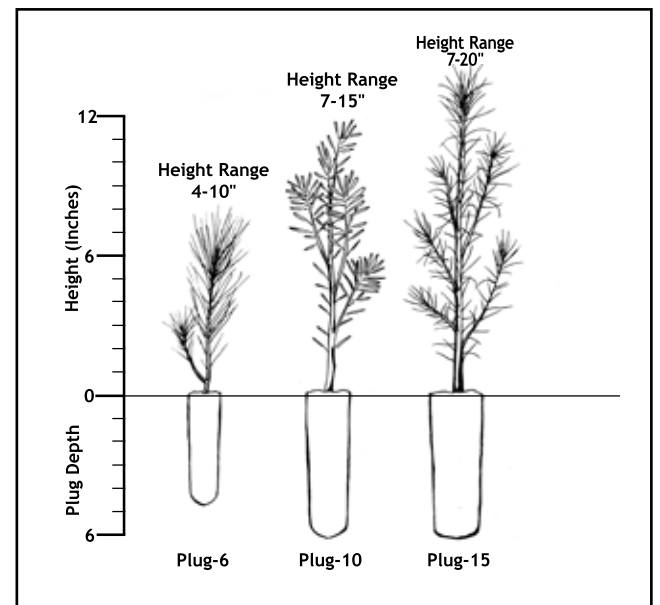
The seed collection was made between 0-500' in elevation.

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



You will see the seed zone for this item described in our availability and on your order as 2.05. The 2 is short for THPL-2, and .05 means the seed is from under 500' of elevation.

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



Examples of a Plug-15 (left) and Plug-6 (right). These are both *Pinus contorta v. contorta*

HERBACEOUS PERENNIALS

GRADE	UNIT PRICE		
	50	100+	200+

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 primarily available in the fall as they senesce and begin to go dormant for winter. For some species there is a small availability window 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. Standard bundles contain 50 plants each.

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
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Not in production this year, inquire about contract grow for future production

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.00 .65 .50

Achlys triphylla (Vanilla Leaf) NL

Attractive rhizomatous groundcover composed of three fan-shaped leaves atop a slender stalk, with a showy 1-2" spike of tiny white flowers in spring. Dried foliage smells like vanilla. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Rhizome 1.40

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Please see our BULB section for more Allium species

Ambrosia chamissonis (Silver Bur-ragweed) NL

Native to coastal beaches from southeastern AK to southern CA. This large, low growing sprawling perennial has silver-woolly, and deeply lobed leaves. This plant is sweet-smelling ('ambrosia' is food for the gods in Greek and Roman mythology). Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

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-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Antennaria microphylla (Littleleaf Pussytoes) NL

Mat-forming perennial with white-woolly leaves, and white to pink-tinged flower clusters on 2-12" stems. Does well in dry sites with full sun to partial shade. Provenance: 77-North Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70

Argentina egedii please see Potentilla anserina

GRADE	UNIT PRICE		
	50	100+	200+

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70

Arnica chamissonis (Leafy Arnica) FACW

Native across Canada and the western United States, this herbaceous perennial has cheerful yellow daisy flowers. Prefers moist meadows and thickets. Grows 1-3'. Provenance: 77-North Cascades, CO

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

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
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Bare-root seedling 1.05 .70 .53

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70

Asarum caudatum (Wild Ginger) FACU

Groundcover in moist shady areas redolent of edible ginger. Curious maroon flowers hide under heart-shaped leaves. Rhizomatous, can form large mats. Grows from sea level to about 3000', from southern British Columbia south to northwestern California, Idaho, and Montana. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.73

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Rhizome 1.05 .70 .53

Aster subspicatus please see Symphyotrichum subspicatum v. subspicatum 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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70



Allium cernuum (Nodding Onion)

GRADE	UNIT PRICE		
	50	100+	200+

Chamaenerion angustifolium (Fireweed) FACU

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Corydalis scouleri (Scouler's Fumewort) FAC

Ornate perennial resembling overgrown bleeding heart with delicate foliage and elongate pink blooms. Explosive seed pods add additional excitement. Prefers moist woodland sites. Grows 2-3' tall. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.40



Anaphalis margaritacea (Western Pearly Everlasting)

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Rhizome 1.05 .70

Echinacea purpurea (Eastern Purple Coneflower) NL

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Epilobium angustifolium please see Chamaenerion angustifolium

Equisetum hyemale please see GRASSES, SEDGES, RUSHES

Erigeron glaucus (Seaside Daisy, Seaside Fleabane) FACU

This coastal perennial has low, multi-branched stems with succulent, evergreen leaves, grows 2-12" tall and 1 1/2'-2' wide, with showy pink to lavender daisy flowers with yellow centers. Native to Oregon and California coasts, growing on dunes, bluffs, and beaches. Tolerant of drought and salt spray. Provenance: 01-Coast Range

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Not in production this year

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.00 .65 .50

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, 09-E Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

HERBACEOUS PERENNIALS


GRADE	UNIT PRICE		
	50	100+	200+

Erythranthe cardinalis (Scarlet Monkeyflower) 

Beautiful west coast native wildflower with red flowers that attract butterflies and hummingbirds, grows 12-24" tall. Will grow in standing water or regular garden soil but not too much drought. Provenance: 78-Klamath Mountains

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Erythranthe guttata (Yellow Monkeyflower, Seep Monkeyflower) 

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. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Erythranthe lewisii (Purple Monkeyflower) 

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
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Not in production this year

Fragaria chiloensis (Coastal Strawberry, Beach Strawberry) 

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, or partly shady conditions. Drought and salt spray tolerant. Provenance: 01-Coast Range

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Fragaria vesca ssp. californica (Woodland Strawberry) 

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
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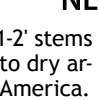
Bare-root seedling 1.05 .70 .53

Fragaria virginiana ssp. platypetala (Virginia Strawberry) 

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
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Bare-root seedling 1.05 .70 .53

Gaillardia aristata (Blanket Flower) 

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-PugetLowland, 09-E Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D
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
Bare-root seedling 1.05 .70 .53

Gentiana sceptrum (King's Scepter Gentian) 

Cluster of bluebell-shaped flowers on plants found in bogs and moist areas from coast to foothills. Provenance: 04-Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70

Geum macrophyllum (Largeleaf Avens) 

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53


Geum triflorum (Prairie Smoke) 

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
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Not in production this year


GRADE	UNIT PRICE		
	50	100+	200+

Grindelia integrifolia (Puget Sound Gumweed) 

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
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Bare-root seedling 1.05 .70 .53

Heracleum maximum (Cow Parsnip) 

North American native perennial with large, lobed leaves and striking 6' stems topped with large white flower clusters. Attracts beneficial insects and many insect-eating bird species. Named after Hercules from the Greek because of its large size. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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
Bare-root seedling 1.05 .70 .53

Heuchera micrantha (Small Flowered Alumroot, Crevice Alumroot) 

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
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
Bare-root seedling 1.05 .70

Hydrophyllum tenuipes (Pacific Waterleaf) 

Rhizomatous, 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
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Bare-root seedling 1.05 .70

Iris chrysophylla (Yellowleaf Iris) 

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
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
Not in production this year, inquire about contract grow for future production

Iris douglasiana (Douglas Iris) 

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
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
Bare-root seedling 1.20 .80

Iris setosa (Beachhead Iris) 

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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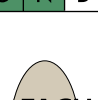
Bare-root seedling 1.05 .70

Iris tenax (Oregon Flag, Toughleaf Iris) 

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-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70

Lathyrus japonicus v. maritimus (Beach Pea) 

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
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Bare-root seedling 1.05 .70 .53


Lomatium utriculatum (Spring Gold) 

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
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Bare-root seedling 1.05 .70 .53


GRADE	UNIT PRICE		
	50	100+	200+

Lupinus littoralis (Seashore Lupine) 

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
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Bare-root seedling 1.10 .74 .55


Lupinus polyphyllus (Bigleaf Lupine) 

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

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53


Lysichiton americanus please see AQUATICS

Maianthemum dilatatum (False Lily-of-the-Valley) 

Low growing native perennial, rhizomatous and shade loving. Grows 4-10". Clusters of tiny white flowers hover above deep green heart shaped foliage. Common in rich, shady areas. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Rhizome 1.40

Maianthemum racemosum (False Solomon's-Seal) 

Lovely woodland perennial with fragrant white flowers in the spring. Can reach 3' tall in moist, partially shaded sites. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Rhizome 1.73


Maianthemum stellatum (Starry False Lily-of-the-Valley) 

North American native rhizomatous perennial 1-2' tall, with delicate white star-like flowers. Prefers moist, partially shaded sites. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Rhizome 1.73


Mentha arvensis please see M. canadensis

Mentha canadensis (Wild Mint, Field Mint) 

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
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Bare-root seedling 1.05 .70 .53

Mertensia platyphylla (Broadleaf Bluebells) 

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
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Bare-root seedling 1.05 .70 .53

Mimulus please see Erythranthe



Lupinus polyphyllus (Bigleaf Lupine)

HERBACEOUS PERENNIALS

GRADE	UNIT PRICE		
	50	100+	200+

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
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Not in production this year

Oenanthe sarmentosa please see AQUATICS
 Oplopanax horridus please see TREES & SHRUBS

Oxalis oregana (Oregon Wood 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
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Bare-root seedling 1.05 .70 .53

Penstemon barrettiae (Barrett's Beardtongue) NL

Large sprays of bright pink flowers top blue-green leathery foliage of this small shrub. Stems spreading to prostrate, 6-16" tall. Native to the Columbia River Gorge and listed as Threatened in Washington. Provenance: 09-E Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.20 .80

Penstemon cardwellii (Cardwell's Beardtongue) NL

Mat-forming shrubby Penstemon to 12" tall, with showy, 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
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Bare-root seedling 1.05 .70 .53

Penstemon davidsonii (Davidson's Penstemon) NL

Western shrubby, mat-forming penstemon with pink-lavender flowers, grows 3-6" tall. Found on dry rocky slopes at mid- to high elevations from coastal British Columbia and the Coast and Cascade Mountains to the Sierras in California. Provenance: 04-Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.20 .80

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 along the east side 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
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Bare-root seedling 1.20 .80

Penstemon newberryii (Mountain Pride) NL

Shrubby, mat-forming up to 1' tall plant with tubular lavender flowers. Rocky outcrops and talus slopes at mid to high elevations in southern Oregon and northern California. Provenance: 05-Sierra Nevada

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.20 .80

Penstemon ovatus (Broadleaved 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: 01-Coast Range

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

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
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Not in production this year, inquire about contract grow for future production

GRADE	UNIT PRICE		
	50	100+	200+

Penstemon richardsonii (Richardson's 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
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Bare-root seedling 1.20 .80

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: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Penstemon speciosus (Royal or Showy Penstemon) NL

An evergreen perennial, growing 2' tall, with 1-2" sky-blue to light purple flowers in late spring and summer. Grows in dry meadows, scrub, and slopes at mid to high elevations on the east side of Washington south through California, Nevada and Idaho. Drought tolerant, attracts many pollinators. Provenance: 09-E Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Not in production this year, inquire about contract grow for future production

Petasites frigidus v. palmatus (Western 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
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Bare-root seedling 1.20 .80

Plantago maritima (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 north-eastern seaboard. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Potentilla anserina (Pacific Silverweed) OBL

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. Native on the west coast of the U.S., New York and New England, and across Canada. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Potentilla gracilis (Slender 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
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Bare-root seedling 1.05 .70 .53

Potentilla pacifica please see Potentilla anserina



Rudbeckia occidentalis (Western Black-Eyed Susan)

GRADE	UNIT PRICE		
	50	100+	200+

Prunella vulgaris v. lanceolata (Self Heal) FACU
 North American low growing perennial with short rhizomes and purple to pink flowers, grows 4-16" tall. Has medicinal value. Prefers moist sites, sun or shade. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.00 .65 .50

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, goes dormant in summer. Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

Rudbeckia occidentalis (Western Black-Eyed Susan) FAC

Unusual perennial with summer flowers in a black cone that attract birds when seeds are mature. Grows in moist open forested areas at mid-elevations. Provenance: 04-Cascades

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling 1.05 .70 .53

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-E Cascade Slope/Foothills

Available	J	F	M	A	M	J	J	A	S	O	N	D
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*Orders 1000+ must be pre-ordered at least 1 month in advance.

Bare-root seedling 1.00 .65 .50

Sedum lanceolatum (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
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*Orders 1000+ must be pre-ordered at least 1 month in advance.

Bare-root seedling 1.00 .65 .50

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
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*Orders 1000+ must be pre-ordered at least 1 month in advance.

Bare-root seedling 1.00 .65 .50



Petasites frigidus v. palmatus (Western Coltsfoot)

HERBACEOUS PERENNIALS

GRADE	UNIT PRICE		
	50	100+	200+

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
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*Orders 1000+ must be pre-ordered at least 1 month in advance.

Bare-root seedling	1.05	.70	.53
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Sidalcea campestris (Meadow Checkermallow) FACU

Native only to the Willamette Valley with beautiful white or light pink flowers. Found in open meadows and fields. Grows 2-4' tall.

Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling	1.05	.70	.53
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Sidalcea hendersonii (Henderson's Checkermallow) 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
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Bare-root seedling	1.05	.70	.53
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Sidalcea virgata (Dwarf 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 believed to be extirpated from Washington. Ours is from nursery-grown seed from Oregon.

Provenance: 03-Willamette Valley

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling	1.05	.70	.53
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Sisyrinchium californicum (Golden Blue-eyed Grass) FACW

Coastal wildflower with iris-like leaves in a slowly expanding clump and beautiful yellow flowers, 6-12" tall, from British Columbia to California. Likes early spring moisture, will spread by seed.

Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling	1.05	.70	.53
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Sisyrinchium idahoense (Western Blue-eyed Grass)

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
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Bare-root seedling	1.05	.70	.53
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Smilacina please see Maianthemum

Solidago canadensis v. lepida please see Solidago lepida

Solidago lepida (Western 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
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Bare-root seedling	1.05	.70	.53
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Sedum spathulifolium (Broadleaf Stonecrop)

GRADE	UNIT PRICE		
	50	100+	200+

Sparganium emersum please see AQUATICS

Stachys chamissonis v. cooleyae please see Stachys cooleyae

Stachys 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
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Bare-root seedling	1.05	.70	.53
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Symphotrichum subspicatum v. subspicatum (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
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Bare-root seedling	1.05	.70	.53
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Tellima grandiflora (Fringecup) 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
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Bare-root seedling	1.05	.70	
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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
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Bare-root seedling	1.05	.70	
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Typha latifolia 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
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In production; inquire for availability

Veronica americana 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-August.

Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Bare-root seedling	1.05	.70	
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Viola adunca (Prairie Violet)

GRADE	UNIT PRICE		
	50	100+	200+

Viola nuttallii v. praemorsa (Canary Violet) NL

Bright yellow flowering violet occurring in uplands and prairies of the Pacific Northwest. Fuzzy green gray leaves. Sprouts form short rhizomes.

Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Not in production this year

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
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Bare-root seedling	1.05	.70	.53
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Xerophyllum tenax (Beargrass) FAC

A fountain of tough green grass-like foliage, to 2', from which emerges a 4-6' flowering stalk topped by a dense cone of numerous tiny, white, fragrant flowers. This member of the false-hellebore family grows in a wide variety of habitats: sun to part shade, bogs to meadows to open coniferous forests to mountain slopes and ridges. From western Canada south to California, east to Wyoming. Ours is from a low-elevation site on the Olympic Peninsula.

Provenance: 02-Puget Lowland

Available	J	F	M	A	M	J	J	A	S	O	N	D
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Plug-6	2.25		
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Yucca glauca (Soapweed Yucca) 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
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Bare-root seedling	1.05	.70	.53
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Solidago lepida (Western Canada Goldenrod)



Sidalcea hendersonii (Henderson's Checkermallow)

GRASSES, SEDGES, RUSHES

GRADE	UNIT PRICE											
	50	100+	500+	1000+								
Schoenoplectus 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	1.00	.73	.58	.50								

Schoenoplectus americanus please see **Schoenoplectus pungens**

Schoenoplectus maritimus please see **Bolboschoenus maritimus**

GRADE	UNIT PRICE											
	50	100+	500+	1000+								
Schoenoplectus pungens ('Scirpus americanus complex') (Common Threesquare)	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 <i>S. americanus</i> , but is now recognized as a separate species within the <i>Scirpus americanus</i> complex. Provenance: 02-Puget Lowland												
Available	J	F	M	A	M	J	J	A	S	O	N	D
Bare-root seedling	1.00	.73	.58	.50								

GRADE	UNIT PRICE											
	50	100+	500+	1000+								
Schoenoplectus tabernaemontani (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	1.00	.74	.59	.55								

Scirpus acutus please see **Schoenoplectus acutus**

Scirpus americanus please see **Schoenoplectus pungens**

Scirpus fluviatilis please see **Bolboschoenus fluviatilis**

Scirpus lacustris please see **Schoenoplectus tabernaemontani**

GRADE	UNIT PRICE											
	50	100+	500+	1000+								
Scirpus maritimus please see Bolboschoenus maritimus	OBL											
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	.90	.67	.53	.44								

GRADE	UNIT PRICE			
	50	100+	500+	1000+
Scirpus validus please see Schoenoplectus tabernaemontani	OBL			

Sparganium emersum please see **AQUATICS**

GRADE	UNIT PRICE											
	50	100+	500+	1000+								
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	1.00	.73	.58	.50								

GRADE	UNIT PRICE											
	50	100+	500+	1000+								
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	1.00	.73	.58	.50								

AQUATICS

A Note About Aquatics

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

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

GRADE	UNIT PRICE											
	SIZE	50	100+	500+								
Alisma triviale (Northern Water Plantain)	OBL											
An emergent perennial in mud and shallow freshwater wetlands (0-2') with long-stemmed oval leaves from basal rosette. Delicate branching stems to 3' of white flowers in summer. Provides important food and habitat for waterfowl, fish, and wildlife. Provenance: 02-Puget Lowland												
Available	J	F	M	A	M	J	J	A	S	O	N	D
Plug-6	2.35											

GRADE	UNIT PRICE											
	SIZE	50	100+	500+								
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-6	2.35											

GRADE	UNIT PRICE											
	SIZE	50	100+	500+								
Menyanthes trifoliata (Bog 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
2" pot	4.00											

GRADE	UNIT PRICE											
	SIZE	50	100+	500+								
Nuphar polysepala (Yellow 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
2" pot	4.25											

GRADE	UNIT PRICE											
	SIZE	50	100+	500+								
Oenanthe sarmentosa (Water Parsley)	OBL											
White flowered perennial with stems up to 3' grows 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	1.05	.70	.53									

GRADE	UNIT PRICE											
	SIZE	50	100+	500+								
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	2.10	1.40	1.05									



Sagittaria latifolia (Wapato)

GRADE	UNIT PRICE											
	SIZE	50	100+	500+								
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	1.60	1.40	.80									

Typha latifolia please see **GRASSES, SEDGES, RUSHES**

GRADE	UNIT PRICE											
	SIZE	50	100+	500+								
Veronica americana (American Speedwell)	OBL											
Common blue flowered perennial grows in wetlands, along stream edges, and in 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	1.05	.70	.53									



Nuphar polysepala (Yellow Pond-Lily)

