



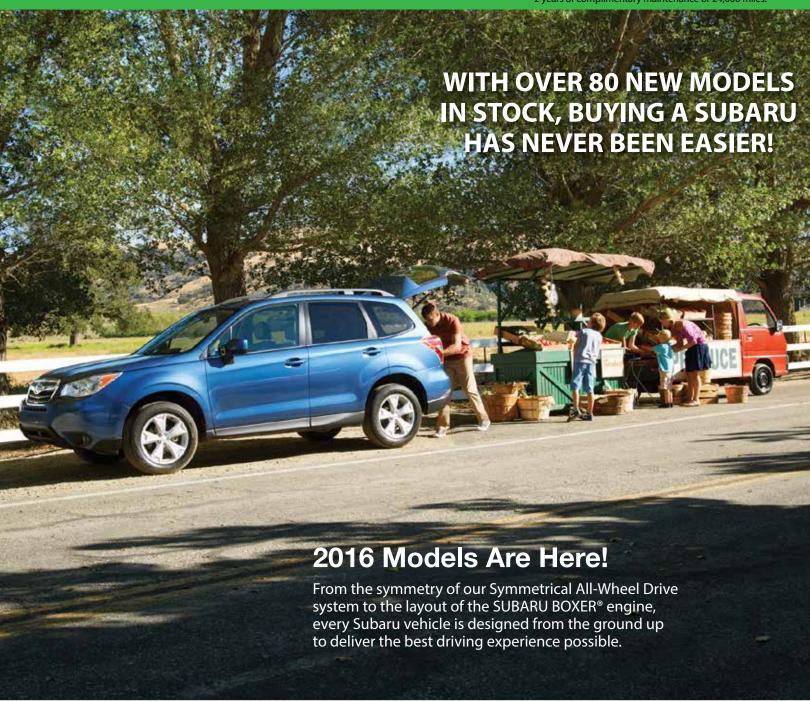


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Time Travel

I often wonder where the time went. I think it goes back to my childhood. When I was waiting for Christmas, it seemed to take forever. If it was the last few weeks of summer, the clock was like a fan, the hands on the clock moved so fast! So it seems this past year. The spring was wonderful. The warm weather brought everyone out early. In fact, the weather seemed to move time! The festivals and spring celebrations came early and the blooms didn't seem to last so long. The same for the summer. The fruit seasons moved at a fast speed and soon we were past strawberries, cherries and blueberries in record time.

Speaking of time travel, we recently reached 12 million views of our stories on Garden Time's YouTube channel. 12 million seems like a lot, but what does 12 million equate to in real terms? Well, if you watched one Garden Time video every second, it would take you nearly 139 days to watch all of our videos. If you had a penny for each video you watched, you would have \$120,000. If you had a dollar for each video you would have 12 million dollars which would weigh over 12 tons! Where did the time go? Ten years of Garden Time in a flash!

On the subject of travel, Garden Time is taking another trip. This time we are going to Ireland in June of 2016. Your chance to have a great 'time' and 'travel' to an exotic destination, surrounded by other garden fans and staying in great accommodations is ticking away! We will see some wonderful private gardens and tour some of the cultural highlights of Ireland. A lot of our viewers are using this trip as a kick-off to other adventures. Why not? Once you finish the tour, it is just a short hop over to Europe! Check out the GardenTime.tv website and click on the Tours page for more information. Our travel agent, Carolyn, will help you plan a trip that you will never forget. Do it now and get a great discount on travel too!

This month in the magazine we invite you to travel locally for a visit to Chatoe Rogue. This farm in Independence, Oregon is the origin of a lot of your favorite beer flavors. They grow hops, honey, pumpkins and peppers (to name a few) that go into your favorite Rogue beers. It is also a great place to just hang out on a summer evening! We also fill you in on wasabi, an unusual plant that you can actually grow in your own backyard. We even have some in ours! Plus we introduce you to Kordell and Patty Blair; a local couple who not only sell some great plants, but also some delicious fruit as well.

Remember, time is precious! Make sure you are spending yours wisely. Take a few more moments in your garden this late summer, with your family and friends, and make this fall one to remember!

Happy Gardening!

Jeff Gustin, Publisher

Garden Time Magazine

• September 2015

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In this issue...

















I am often delighted by the creativity and ingenuity of gardeners. Consistently, so many of them come up with great ideas on how to use something common or old in new and unique ways.

So this month, in honor of gardeners everywhere, I wanted to talk about using things which were created for one purpose and transforming them into different uses all together.

One of the easiest things to do this with is containers.

Many of us go to a retailer and buy whatever containers are currently available or trendy...and there is certainly nothing wrong with doing that.

But the real fun is finding a way



to make something new from an item which most would never consider using it for.

What's an example you ask?

How about kitchen sieves.

The older ones were metal and seemed to last forever. With a little time and effort, they can easily be hung with S hooks and chains and make very cool hanging baskets. The holes are small enough to retain soil, making it unnecessary to have to line them, and there is certainly no drainage problem.

Companies have gotten smart though as I am seeing these in garden centers now, often in brightly painted colors.

But I still love the old ones. They remind me of the times I



would spend with Grandma in the kitchen or gathering peas with Grandpa in the vegetable garden.

Another great concept is old, metal wash tubs. Not the canister like ones, but the ones from electric machines.

Like the sieves, they are already filled with small holes, so drainage is never a concern.

I first saw these used for such a thing while filming at Little Baja (www.little-baja.com) one Monday. They were extremely different. At Little Baja, they had taken it a step further and added metal legs, turning them into planters or usable as fire pits as well

How cool is that?

Any Pot in a Storm

Using something common or old is a great way to create something new and unique.

by William McClenathan

But even the metal manual wash tubs and garbage cans make beautiful containers. Just make sure you drill drainage holes in them before you plant them up.

Of course, we have all seen old footwear planted with such things as sedums and cactus.

The limits to what you can do with old shoes is really only wrangled by your own creativity. I found these two pair at the Home and Garden show last year in the Sedum Chicks (www.sedumchicks.com) booth.

Footwear as planters! That's crazy and fun! And when I see them, they always make me smile.

I have found that many discarded ceiling lamps make useful planters as well. A few years back, I found a metal framed dining room lamp left in one of my rental units. My first thought was to dump it, which I did by tossing it onto the garbage pile I was building in the garage.

But each time I passed by it, all I could see was a planter. Perhaps that is because it had landed upside down. Finally I broke down and took it out of the trash pile.

It was about 7 years later when I finally lined it with coconut fiber and planted my Green rose, Rosa chinensis var. viridiflora into it. I have had it hanging in the past with chains and S hooks, but

currently it sits on a tall metal stand that used to house a glass birdbath, which busted in half last winter.

You can find a repurposing for almost everything with just a tiny bit of creativity.

Even old glass school house lamp shades make beautiful planters. Place them in a plant hanger and they can hold a plant perfectly! Or if it is one with the small holes which was for the tiny screws which connected it to the fixture. thread wire through them and create a custom planter specifically for your needs.

And drainage is not a concern if you just place a houseplant held within the pot it was purchased in, as many of the older glass lamp shades do not have holes in the bottoms.

And do not forget the old floor lamps. Rather than relegating them to the dumpster and a















land fill, just remove the electrical parts and the plant can rest within the glass lamp shade. Many garden centers carry a vast array of clear plastic pot liners which could sit inside of the lamp shade, taking care of any drainage concerns. Or if it is used outdoors, moss or coconut liner works well.

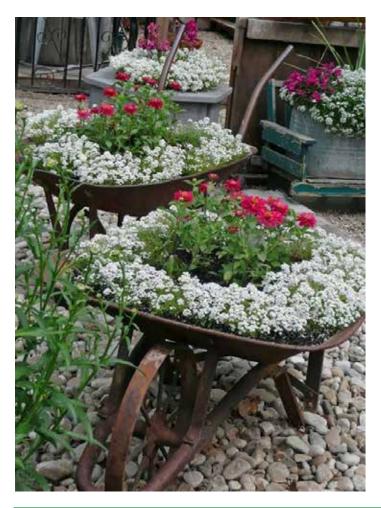
The long and short of it is that containers may be anything you want them to be. Wheelbarrows, children's wagons, old toilets and sinks...the list is as limited as you choose to make it.

And with a little thought and creativity, your garden can become a thing which is a direct reflection of your own aesthetic.

Whimsical, elegant and unique... just like every gardener.









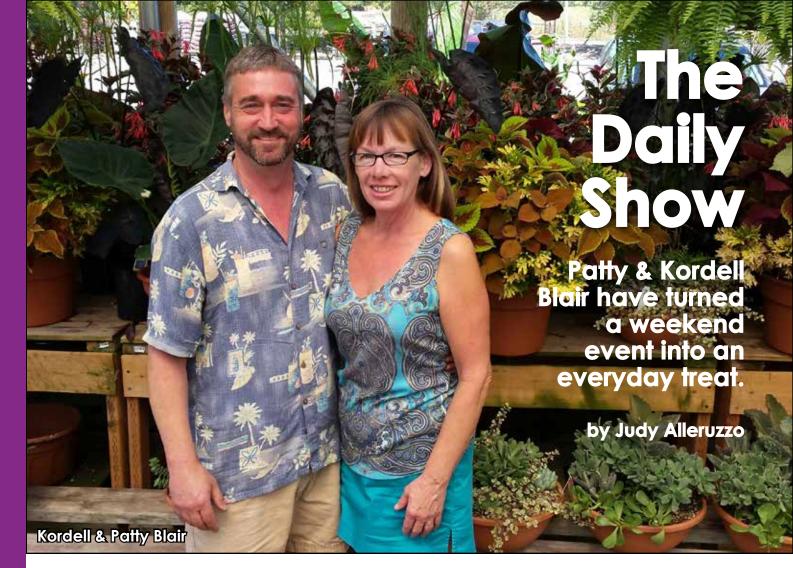
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Farmers' Markets are usually a one day a week event that we all love to visit for fresh fruit, vegetables and even plants for our gardens.

If you have a craving for a 7 day a week market, you have to visit Kordell's Produce in West Linn, Oregon. Patty & Kordell Blair who own Kordell's Produce are Garden Time's Horties of the Month. They have owned this wonderful produce stand and nursery since 1998 and describe their business as an "everyday Farmers' Market. They said, "They were a Farmers' Market before the concept became popular".

Oregon is always lucky when cool people decide to settle in our state.

Kordell grew up in Alaska, the land of humongous vegetables, and worked with produce when he was 16. He came down to the

lower 48 to attend OSU to be a math teacher. The call of working again with delicious fruits and vegetables pulled him from that pathway. After school, Kordell managed produce departments at grocery stores learning the trade. It's a finesse kind of business; it's not just about stocking the tables and making them pretty. It's meeting the farmers and finding out who grows the tastiest fruits and vegetables in the area. Kordell says, "He is the first one called when they have the best".

That is what shows at Kordell's Produce, delicious stock that is beautifully displayed!

Kordell is a very detailed produce guy and tastes all the fruits and veggies coming into the store. As I was talking with him, a delivery pulled into their receiving area.

He excused himself and walked over to talk with the driver and

helped to unload the truck.

He is a hands on owner in so many ways!

Kordell has worked with local farmers way before it was trendy. He knows quality fruit and vegetable production is located nearby. Customers have told him they have given up on the lack of quality produce at other stores and only shop at his place.

He carries only seasonal produce so you won't see South American cantaloupes in January.

When Kordell took over the store in 1998, he invited "his best friend and wife Patty to take the plunge into a retail garden center". He knows all about produce and over the years has learned a lot about the nursery part of the business. Patty is an Oregonian and grew up in the country. She grew up growing vegetables and

flowers and raising chickens and cows. They met while working at a grocery store where Patty was the floral manager and Kordell, the produce manager. It was a match made in Horticulture Heaven!

Patty brought her experience and knowledge of nursery stock from working at Yoshitomi Brothers and attending the Horticultural program at Clackamas Community College. Patty also oversees the perennial growing facility where she raises a big assortment of plants plus perennial fruit and vegetables like asparagus, raspberries, horseradish and rhubarb.

Kordell's Produce, Inc.

10 SW Rosemont Road West Linn, OR 97068

503-638-1014

www.facebook.com/ KordellsProduceInc

While I was taking photos during the interview, Patty needed to cash out a customer at the till. Lois has been shopping at Kordell's since 2003. She volunteered that she's 88 years young and that Patty and Kordell watched her grandson grow up.

She told me she loves to stop by and always "buys too much". She went on to say, "Kordell tastes everything" so he brings in only the best produce.

Patty's son, Tim, works with them at the store. He helps to buy in the seasonal produce and has created a niche for his homemade jelly, "Timmay'z Jellay'z". He has honed his recipes of unique flavors like Peach Cinnamon, Apple Pie and Marionberry.

Pepper Marionberry is one of the many more flavors coming soon.

Kordell and Patty love their extended 'staff family' at the store











and nursery.

They take good care of their employees giving the full time workers health insurance and an IRA with matching employer funds. They want them all to know their work skills are appreciated. Both Patty and Kordell know that "keeping nice positive people around helps our business grow... and want you to see the same faces when you come to visit". Case in point, Tim helped me to my car with my bag of fruit. I told him I could carry the bag to my truck but he insisted. He told me, "we carry everyone's purchases to their cars". I even got a gold star sticker usually just given to kids. I felt part of the the Kordell's Produce family!

With the change of the season to fall, the selection of fruits and veggies has changed too. Just picked apples and pears from local orchards are available. They will also start to get in more and more winter squash and root vegetables as the temperatures cool down. Halloween pumpkins, hay bales and gourds will appear in the next few weeks, too. Fall customer favorites are Honey Crisp apples, Delicata squash, bumpy pumpkins and pie pumpkins. Patty told me, "Tim has experimented with making 'Pumpkin' type pie with most of the squash and has had great results"! I need to go back to try out Tim's home baked pies!

While I was visiting in July, huge flower baskets and bold textured containers were the plants decorating the nursery. Hydrangeas were in full glory to tempt customers to add to their gardens. Now with fall coming on, the plant selection has changed to the selection of this season. The plants decorating the nursery these days are pansies, Black Eyed Susans and mums.

Patty and Kordell love that they know many customers by name.

They see the same people each week shopping for produce for

their family and plants for their gardens. Kordell's Produce Mission Statement is, "...to have the best quality plants and produce we can find, with a focus on locally sourced plants and produce. We believe the closer to home a product comes from, the better off we all are. Not only do locally grown plants perform better, and local produce taste better, they support our local economy".

When you walk into Kordell's Produce you can feel that this mission statement is lived every day. The personality of Patty and Kordell are on display alongside their hand selected tasty fruits, vegetables and beautiful plants. They work very long days that stretch into months. Kordell's produce department closes down after Halloween while the nursery stays open for the holidays with a selection of fresh wreaths and Christmas trees. They finally close down in late December and take off for a few weeks on a well deserved vacation to sunny climates! Both Patty and Kordell say, "They get to work with our best friend everyday". They are a sweet couple that has been together for over 20 years.

This fall, take a ride to Kordell's produce. Be sure to say hello to Patty and Kordell and ask them their favorite pick of the day.

Note to readers for Summer 2016

Because of timing, I walked into Kordell's Produce to interview Patty and Kordell on a very hot July day. I was pleasantly surprised by the delicious aroma of PEACHES!!!

It's my favorite summer fruit and Kordell's boasts, and rightly so, that their peaches are "over the sink Peaches." They were yummy. The other summer fruit they are famous for is the Orange Flesh Honeydew. Mark your calendars for July 2016 and try out these 2 delicious summer favorites.







A Tree Grows in Portland We've all seen them...massive trees in parking strips that are either missing their centers or chopped off just below the power lines. I kind of cringe every time I see one. It all goes back to "right plant...right space." In this case, it's the height of the tree, the growth habit and the degree of maintenance that determines the right tree for a parking strip.

When I first thought about writing this article about appropriate trees to plant in a parking strip, I figured I'd be listing a few of my favorite small, easy maintenance varieties and be done with it. When I started researching the list of trees I found that there are many criteria in Portland for picking an approved tree for the site.

The process starts long before you plant the tree on a city street right-of- way (the area between the curb and the sidewalk). First you will need to apply for a planting permit. To apply for a planting permit, first contact 811 or 503-246-6699 (local) or 1-800-332-2344 (toll free) to locate any underground utilities. They will come out and mark any underground utilities so you can avoid digging and hitting any utility lines while planting your tree. This service is free. You can also submit a request through the digsafelyoregon. com website. Once you have submitted a utility locate request, you can then request a free tree planting permit by one of the following ways:

Complete the Street Tree Permit Application (non-removal) online; OR

Request a paper permit application by calling 503-823-TREE (8733); OR

Download the Street Tree Permit Application (non-removal), fill it out, and submit it to Urban Forestry in **one** of the following ways:

- **Email:** trees@portlandoregon.gov
- Mail: Attn: Urban Forestry, 1900 SW 4th Ave. Suite 5000, Portland, OR 97201
- In person: , 1900 SW 4th Avenue, Portland, OR 97201, first floor Monday, Tuesday, Wednesday, and Friday from 8 AM - 12 PM and 12:30 PM - 3 PM, Thursdays from 8 AM -12 PM

Fax: 503-823-4493

It takes approximately 10 business days to process a permit. Once the completed application is received an Urban Forestry Tree Inspector will come out to your home and determine the site conditions and mark the appropriate site for the planting of the tree. After the inspector's visit, you will receive a list of approved trees for planting based on the size of the parking strip and the presence of high-voltage overhead power lines. You then choose a tree from the approved list and at that point the Tree Inspector will send you your tree planting permit. Planting

permits are good for 30 days. The best time to plant a tree is between October and April when temperatures are cooler and usually rainfall is sufficient to establish a good root system.

If you are planning to plant a tree with the City's non-profit tree planting partner Friends of Trees, contact Friends of Trees directly at 503-282-8846 after contacting the Oregon utility locate center. Friends of Trees staff will get the planting permit for you as part of the ordering process. You can also plant private trees with Friends of Trees.

You can also check availability at Portland Nursery, Al's Garden Center, Drake's 7 Dees, Garden World, Eby Nursery, EF Nursery, Keunzi Turf and Nursery, Loen Nursery, Rigert Shade Trees or with your local independent garden center.

Other cities may have their own set of rules for planting trees in the parking strip so be sure to check with your particular city for their requirements. The following charts located on the www.portlandoregon.gov/ trees/66682 website offers a great selection of great trees for use in public parking strips as well as your private property.



2.5-2.9 foot sites with or without high voltage power lines

Measure the width of the planting site from the inside of the curb to the edge of the sidewalk. Use this list for 2.5-2.9 foot planting sites with or without overhead high voltage power lines.

Features: Fall color Showy flowers Fruit/nuts for wildlife Textured bark Native

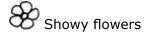
Features	Common Name (Scientific Name)	Size (height by width) & Form	Description	
7	Cascara (Rhamnus purshi- ana)	30' x 25' Round	A small native tree with black berries that attract birds.	
₩ *	<u>Crape Myrtle</u> (<i>Lagerstro-emia</i> cultivars)	20' x 20' Various	Showy, long-lasting summer flowers. Interesting exfoliating bark. Vase shaped cultivars are best to plant.	
\$\$	<u>Franklinia</u> (<i>Franklinia alata-maha</i>)	20' x 15' Round	Large, fragrant white spring flowers. Long, glossy green leaves turn shades of orange, red, and purple.	
₩ &	Plum, Blire- iana (Prunus xblireiana)	20' x 20' Vase	Rich reddish purple or green foliage. Bright pink spring flowers.	
**	Serviceberry, Autumn Brilliance® (Amelanchier x grandiflora 'Autumn Brilliance')	25' x 20' Round	Outstanding red fall leaf color and showy, white spring flowers. Low maintenance tree.	
₩ → &	Serviceberry, Spring Flurry® (Amelanchier laevis`JFS-Arb' PP 15304)	30' x 20' Oval	An exceptional tree form supports pure white blossoms in the spring and orange fall foliage.	
88	Snowbell, Japanese (Styrax japonicus)	25' x 25' Round	Perfect white, bell-shaped flowers bloom in the late spring.	
&₩	Snowbell, Pink Chimes Japanese (Styrax japonicus 'Pink Chimes')	20' x 15' Round	Fragrant pink flowers. Mature bark fissures, revealing attractive orange inner layer.	
8	Snowbell, Snowcone® Japanese (Styrax japonicus 'JFS-D')	30' x 20' Pyramidal	Dense, symmetrical structure creates a uniform crown. Resistant to twig dieback.	
&*	<u>Tree Lilac, Japanese</u> (Sy-ringa reticulata)	25' x 20' Oval	Low maintenance, disease-resistant tree. Showy flower clusters attract butterflies and humming birds.	



3.0-3.9 foot sites with or without high voltage power lines

Measure the width of the planting site from the inside of the curb to the edge of the sidewalk. Use this list for 3.0-3.9 foot planting sites with or without overhead high voltage power lines.







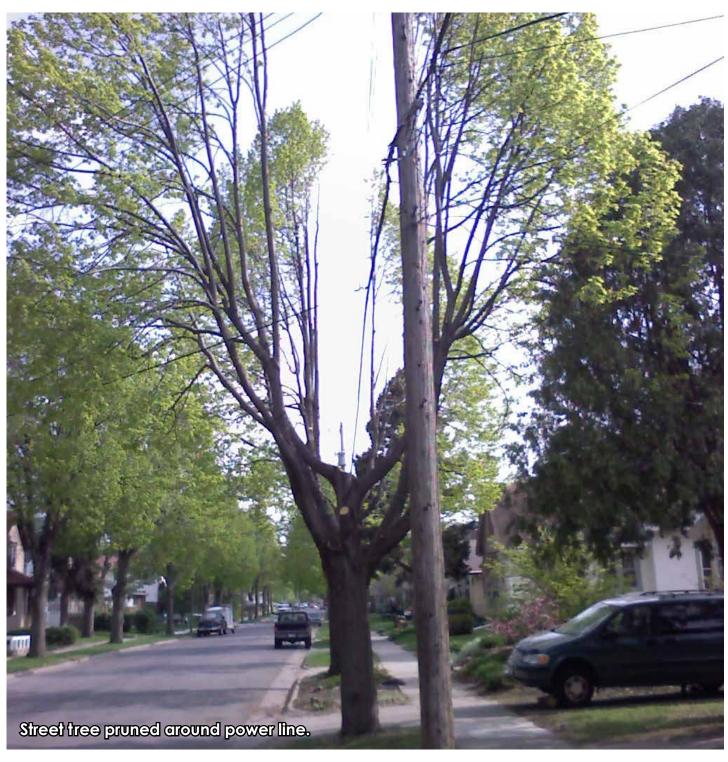




Native

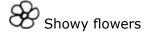
Features	Common Name (Scientific Name)	Size (height by width) & Form	Description
	Cascara (Rhamnus purshi- ana)	30' x 25' Round	A small native tree with black berries that attract birds.
№ ~ &	Chokecherry, Canada Red (Prunus virgin- iana 'Canada Red')	25' x 20' Round	Purple leaves turn orange or red in the fall. Fruit attracts wildlife.
→ &	<u>Crabapple, Purple</u> <u>Prince</u> (<i>Malus</i> 'Purple Prince')	20' x 20' Round	Purple to bronze foliage, pink flowers, good disease resistance, fast growing.
% →&	<u>Crabapple, Royal Rain-drops®</u> (<i>Malus</i> 'JFS-KW5')	20' x 15' Upright	Bright fall color complements deep purple cutleaf foliage. Magenta pink blossoms.
% → &	<u>Crabapple, Tschonoskii</u> (Malus tschonoskii)	30' x 15' Oval	Striking silvery green foliage. White flowers. Outstanding fall color.
% 8₹	<u>Crape Myrtle</u> (Lagerstro- emia cultivars)	20' x 20' Various	Showy, long-lasting summer flowers. Interesting exfoliating bark. Vase shaped cultivars are best to plant.
× &	<u>Franklinia</u> (Franklinia alata- maha)	20' x 15' Round	Large, fragrant white spring flowers. Long, glossy green leaves turn shades of orange, red, and purple.
→ & **	Laurel, Bay (Laurus nobilis)	30' x 20' Pyramidal	Fragrant evergreen leaves can be used in cooking. Fruit attracts birds.
XXX	Linden, Summer Sprite® (Tilia cordata 'Hal- ka' PP 10589)	20' x 15' Pyramidal	Dense, compact form and dwarf size are perfect for small planting strips.
88	Magnolia, Butterflies (Magnolia 'Butterflies')	20' x 15' Pyramidal	Tulip-like yellow flowers with a light lemon oil aroma. Hardy to both heat and cold.
% → 8€	Serviceberry, Autumn Brilliance® (Amelanchier × grandiflora 'Autumn Brilliance')	25' x 20' Round	Outstanding red fall leaf color and showy, white spring flowers. Low maintenance tree.
** ** *	Serviceberry, Spring Flur- ry® (Amelanchier lae- vis 'JFS-Arb' PP 15304)	30' x 20' Oval	An exceptional tree form supports pure white blossoms in the spring and orange fall foliage.
&*	Snowbell, Bigleaf (Styrax obassia)	35' x 25' Round	Also called fragrant snowbell. Perfect white flowers with showy yellow stamens. Interesting bark at maturity.
&\\	Snowbell, Japanese (Styrax japonicus)	25' x 25' Round	Perfect white, bell-shaped flowers bloom in the late spring.

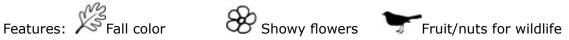
&*	Snowbell, Pink Chimes Japanese (Styrax japonicus'Pink Chimes')	20' x 15' Round	Fragrant pink flowers. Mature bark fissures, revealing attractive orange inner layer.
88	Snowbell, Snow- cone® Japanese (Styrax japonicus'JFS-D')	30' x 20' Pyramidal	Dense, symmetrical structure creates a uniform crown. Resistant to twig dieback.
&*	<u>Tree Lilac, Japanese</u> (Sy-ringa reticulata)	25' x 20' Oval	Low maintenance, disease-resistant tree. Showy flower clusters attract butterflies and humming birds.
X.S	Zelkova, City Sprite® (Zel- kova serrata 'JFS-KW1' P.A.F.)P.A.F.)	25' x 20' Oval	A low-maintenance city tree. Fine textured foliage is bright green in the summer.



4.0-5.9 foot sites with high voltage power lines

Measure the width of the planting site from the inside of the curb to the edge of the sidewalk. Use this list for 4.0-5.9 foot planting sites WITH overhead high voltage power lines. Click here for help with identifying high voltage power lines.









Native

Features	Common Name (Scientific Name)	Size (height by width) & Form	Description
ZZZ ZZZ	Ash, Golden Desert® (Fax- inus excelsior 'Aureafolia')	25' x 20' Round	Outstanding foliage is bright yellow in spring, green-yellow in summer and bright gold in fall.
—	Cascara (Rhamnus purshi- ana)	30' x 25' Round	A small native tree with black berries that attract birds.
88	Catalpa, Chinese (Catalpa ovata)	30' x 30' Round	Attractive, orchid-like flowers mature into long slender seedpods.
88	Chitalpa, Pink Dawn (X <i>Chitalpa tashkentensis</i> 'Pink Dawn')	25' x 25' Round	Abundant clusters of showy pale pink flowers. Drought resistant.
\$\$ ₩₩	Chokecherry, Canada Red (<i>Prunus virgin-iana</i> 'Canada Red')	25' x 20' Round	Purple leaves turn orange or red in the fall. Fruit attracts wildlife.
& →	Crabapple, Purple Prince (<i>Malus</i> 'Purple Prince')	20' x 20' Round	Purple to bronze foliage, pink flowers, good disease resistance, fast growing.
£ & ₹	Crabapple, Royal Rain- drops® (<i>Malus</i> 'JFS-KW5')	20' x 15' Upright	Bright fall color complements deep purple cutleaf foliage. Magenta-pink blossoms.
£ & ₹	Crabapple, Tschono- skii (<i>Malus tschonoskii</i>)	30' x 15' Oval	Striking silvery green foliage. White flowers. Outstanding fall color.
***	Crape Myrtle (Lagerstro- emia cultivars)	20' x 20' Various	Showy, long-lasting summer flowers. Interesting exfoliating bark. Vase-shaped cultivars are best to plant.
& *	Dogwood, Eddie's White Wonder (<i>Cornus nuttal-</i> <i>lii x florida</i> 'Eddie's White Wonder')	35' x 20' Pyramidal	Large white showy blooms. Red fruit attracts birds in winter.
£ 88 € ¥	Dogwood, Star- light® (Cornus kou- sa x nuttallii KN4-43' PP16293)	30' x 20' Oval	Strong upright growth habit. Red fall foliage. Profuse blooms.
% ₩ →	Dogwood, Venus® (<i>Cornus</i> x 'Venus' 'KN30-8' PP16309)	25' x 20' Round	Exceptionally large, profuse white blooms. High disease resistance.
₩	Franklinia (<i>Franklinia alata-maha</i>)	20' x 15' Round	Large, fragrant white spring flowers. Long, glossy green leaves turn shades of orange, red, and purple.

£ 88 ≥	Fringe Tree, Chinese (Chionanthus retusus)	20' x 25' Spreading	Magnificent clusters of fragrant white fringe-like flowers. Low pruning needs.
\$\$	Ginkgo, Saratoga (<i>Ginkgo biloba</i> 'Saratoga')	35' x 30' Oval	Well adapted to the urban environment. Yellow fall color.
% &	Goldenrain Tree, September (Koelreuteria paniculata 'September')	30' x 25' Round	Bright yellow flowers give way to interest- ing brown, papery seed capsules resem- bling Chinese lanterns.
\$\$	Hawthorn, Lavalle (<i>Cratae-gus</i> x <i>lavallei</i>)	30' x 20' Various	Orange to red fruit and large clusters of white flowers. Good fall color.
X3	Hophornbeam, Ameri- can (<i>Ostrya virginiana</i>)	35' x 35' Oval	Hop-like fruit. Pest resistant. Very adaptable and hardy.
K Y	Hornbeam, American (<i>Car-</i> <i>pinus caroliniana</i>)	30' x 20' Round	Fall color ranging from yellow to orange to red. Bark has muscle-like fluting. Attractive form.
X3	Hornbeam, Japanese (Carpinus japonica)	30' x 20' Round	Interesting ornamental fruiting catkins and attractive form.
\$88	Ironwood, Persian (<i>Parrotia</i> persica)	35' x 20' Pyramidal	Exfoliating bark exhibits a mosaic of green, white, and brown.
⊗→	Laurel, Bay (Laurus nobilis)	30' x 20' Pyramidal	Fragrant evergreen leaves can be used in cooking. Fruit attracts birds.
S. S	Linden, Summer Sprite® (<i>Tilia cordata</i> 'Hal- ka' PP 10589)	20' x 15' Pyramidal	Dense, compact form and dwarf size is perfect for small planting strips.
&₩	Maackia, Amur (<i>Maackia</i> amurensis)	35' x 25' Various	Peeling, orange/brown shiny bark. Free of serious pests and disease.
8	Maackia, Chinese (<i>Maackia chinensis</i>)	30' x 25' Round	Fragrant pea-like flowers and interesting compound leaves.
8	Magnolia, Butterflies <i>Mag-nolia</i> 'Butterflies')	20' x 15' Pyramidal	Tulip-like yellow flowers with a light lemon oil aroma. Hardy to both heat and cold.
& ****	Magnolia, Edith Bogue (<i>Magnolia grandi-flora</i> 'Edith Bogue')	30' x 15' Pyramidal	Hardy evergreen magnolia cultivar. Resists storm damage. Beautiful white flowers.
8	Magnolia, Elizabeth (<i>Mag-nolia acuminata</i> 'Elizabeth')	30' x 15' Pyramidal	Luminous, pale yellow cup-shaped flowers. Low maintenance tree.
8	Magnolia, Galaxy (<i>Magnolia</i> 'Galaxy')	35' x 25' Pyramidal	Brilliant large red to purple flowers. Strong-limbed tree.
& **	Magnolia, Moonglow® Sweet Bay (<i>Magnolia virgin-iana</i> 'Jim Wilson' PP12065)	30' x 35' Pyramidal	Semi-evergreen with bright green and silver foliage. Flowers for about a month.
88	Magnolia (<i>Magnolia</i> spp.)	30' x 30' Various	Any magnolia cultivars reaching between 20'-35' in height and 15'-35' in width at maturity.
XX3	Osage Orange, Fruit- less (<i>Maclura po-</i> <i>mifera</i> 'White Shield')	35' x 30' Round	A thornless and fruitless Osage orange variety. Hardy with few pest or disease problems.
X S	Pistache, Chinese (<i>Pistacia</i> chinensis)	30' x 30' Round	Very adaptable to urban conditions. Incredible orange-red fall color.
	Raisin Tree, Japanese (Ho-	30' x 20'	Sweet, fragrant flowers. Edible bright red

₩	Redbud, Forest Pansy (<i>Cercis canadensis</i> 'Forest Pansy')	20' x 25' Spreading	Purple, heart shaped leaves. Profuse purple blossoms in early spring.
£38€ >	Serviceberry, Autumn Brilliance® (Amelanchier x grandiflora 'Autumn Brilliance')	25' x 20' Round	Outstanding red fall leaf color and showy, white spring flowers. Low maintenance tree.
	Serviceberry, Spring Flurry® (Amelanchier laevis`JFS-Arb' PP 15304)	30' x 20' Oval	An exceptional tree form supports pure white blossoms in the spring and orange fall color.
*	Snowbell, Bigleaf (Styrax obassia)	35' x 25' Round	Also called fragrant snowbell. Perfect white flowers with showy yellow stamens. Interesting bark at maturity.
&	Snowbell, Japanese (Styrax japonicus)	25' x 25' Round	Perfect white bell-shaped flowers bloom in the late spring.
*	Snowbell, Pink Chimes Japanese (Styrax japoni- cus 'Pink Chimes')	20' x 15' Round	Fragrant pink flowers. Mature bark fissures, revealing attractive orange inner layer.
88	Snowbell, Snow- cone® Japanese (Styrax japonicus'JFS-D')	30' x 20' Pyramidal	Dense, symmetrical structure creates a uniform crown. Resistant to twig dieback.
£884	Tupelo, Black (Nyssa sylvatica)	35' x 25' Pyramidal	Beautiful red fall color. Blue to black berries. Fissured grey bark.
XX2	Zelkova, City Sprite® (<i>Zel-kova serrata</i> 'JFS-KW1' P.A.F.)	25' x 20' Oval	A low maintenance city tree. Fine textured foliage is bright green in the summer.



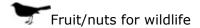


4.0-5.9 foot sites without high voltage power lines

Measure the width of the planting site from the inside of the curb to the edge of the sidewalk. Use this list for 4.0-5.9 foot planting sites WITHOUT overhead high voltage power lines. Other types of overhead wires are okay to plant under.

Features: Fall color

Showy flowers



Textured bark



Native

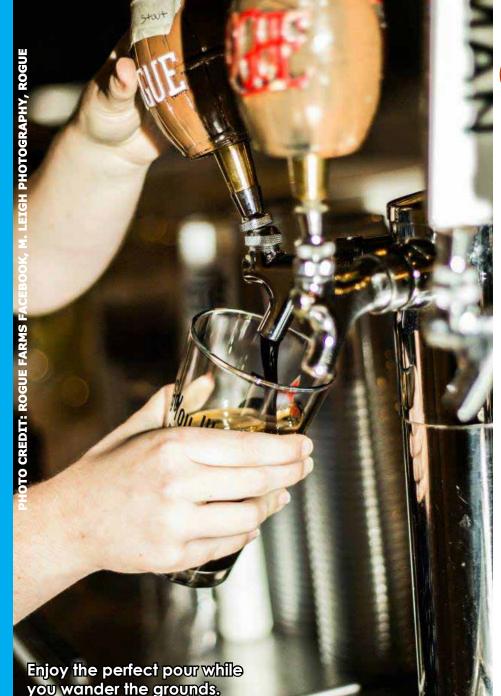
Features	Common Name (Scientific Name)	Size (height by width) & Form	Description
XXX	Ash, Autumn Applause (Fraxinus americana 'Autumn Applause')	45' x 40' Round	Dense form. Mahogany and purple fall color.
% &	Ash, Flowering (Fraxinus ornus)	40' x 30' Oval	Fragrant white flower clusters in May. Fall color ranges from yellow to maroon to purple.
2 Page	Ash, Patmore (Fraxinus pennsylvanica 'Patmore')	45' x 35' Oval	Very hardy and easy to care for. Seedless with bright yellow fall color.
*	Birch, Dura-Heat® Riv- er (<i>Betula nigra</i> 'BNMTF')	40' x 30' Pyramidal	Naturally exfoliating bark adds interest year-round.
*	Birch, Heritage River (<i>Betula nigra</i> 'Heritage')	50' x 35' Pyramidal	Pinkish-white or creamy exfoliating bark. Tolerates clay soils. Prefers moist soils.
£ 88 ↑	Dogwood, June Snow Giant (<i>Cornus</i> <i>controversa</i> 'June Snow')	40' x 30' Spreading	Flat white clusters of flowers. Blue to black clusters of fruit. Bright orange to red fall color.
8	Dove Tree (Davidia invo- lucrata)	60' x 30' Pyramidal	Blooms resemble doves. Blooms in early spring.
X3	Elm, Emerald Sun- shine® (<i>Ulmus propin-qua</i> 'JFS-Bieberich')	35' x 25' Vase	Leaves emerge coppery bronze and mature to glossy green. Yellow fall color.
X S	Elm, Frontier (<i>Ulmus car-</i> pinifolia x <i>U. parvifo-</i> <i>lia</i> 'Frontier')	40' x 15' Pyramidal	Reddish-purple fall color. Tolerant of urban conditions and soil compaction.
7	Filbert, Turkish (Corylus colurna)	40' x 30' Pyramidal	Very tolerant of urban conditions. Virtually free of pests and disease.
2 mg	Ginkgo, Halka (Ginkgo biloba 'Halka')	45' x 40' Pyramidal	Fruitless male ginkgo with strong form. Bright yellow fall color.
% &	Goldenrain Tree (Koelreuteria paniculata)	40' x 35' Round	Bright yellow flowers give way to interesting brown, papery seed capsules resembling Chinese lanterns.
£ \$ ₹	Hawthorn, Lavalle (<i>Cra-taegus</i> x <i>lavallei</i>)	30' x 20' Vase	Orange to red fruit and large clusters of white flowers. Good fall color.
King .	Hophornbeam, American (Ostrya virginiana)	35′ x 35′ Oval	Hop-like fruit. Pest resistant. Very adaptable and hardy.
X3 ¥	Hornbeam, American (Carpinus caroliniana)	30' x 20' Round	Fall color ranging from yellow to orange to red. Bark has muscle-like fluting. Attractive form.



		1	
X3	Hornbeam, Europe- an (<i>Carpinus betulus</i>)	50' x 35' Oval	Golden-yellow fall color.
X S	Hornbeam, Frans Fontaine (Carpinus betulus 'Frans Fontaine')	40' x 20' Columnar	Narrow columnar form. Tolerates clay soil and drought.
X3	Hornbeam, Japa- nese (<i>Carpinus japonica</i>)	30' x 20' Round	Interesting ornamental fruiting catkins and attractive form.
\$\$\$ \$\$	Ironwood, Persian (<i>Parro-tia persica</i>)	35' x 20' Pyramidal	Beautiful fall color and interesting bark.
₩	Ironwood, Vanessa Persian (<i>Parrotia per-</i> <i>sica</i> 'Vanessa')	40' x 20' Upright	Dense, tight form. Impressive fall color.
X3	Katsura (Cercidiphyllum japonicum)	60' x 30' Round	Gold, orange, and red fall color. Dose better with summer watering.
S. S	Linden, Chancellor® (Tilia cordata `Chancole')	35' x 20' Pyramidal	Yellow fall color. Compact and well-adapted street tree.
X3	Linden, Sterling Silver (<i>Tilia tomento-sa</i> 'Sterling')	45' x 35' Pyramidal	Fast growing and tidy. Leaves are resistant to Japanese beetle.
半鲫	Madrone, Pacific (Arbutus menziesii)	40' x 35' Pyramidal	Native broadleaved evergreen. Bright orange bark peels away to reveal bright green bark underneath.
& **	Magnolia, Edith Bogue (<i>Magnolia grandi-flora</i> `Edith Bogue')	30' x 15' Pyramidal	Hardy evergreen magnolia cultivar. Resists storm damage.
8	Magnolia, Kobus (Magno- lia kobus)	40' x 30' Round	Slightly fragrant white flowers with a light purple base.
& **	Magnolia, Moonglow® Sweet Bay (<i>Magnolia</i> <i>virginiana</i> 'Jim Wilson' PP12065)	30' x 35' Pyramidal	Semi-evergreen with bright green and silver foliage. Flowers for about a month.
→	Oak, Bamboo-Leaf (Quer- cus myrsinifolia)	40' x 30' Round	Evergreen, fast grower, attractive year round. Very cold hardy.
7	Oak, Blue (Quercus douglasii)	45' x 30' Round	Short tree with an open canopy. Drought tolerant.
NS Y	Oak, Crimson Spire™ (Quer- cus robur x Q. alba`Crimschmidt')	45' x 15' Columnar	Rusty red fall color. Fast-growing and hardy. Narrow form.
7	Oak, Forest Green® (<i>Quercus</i> frainetto'Schmidt')	50' x 30' Oval	Glossy deep green summer foliage and strong symmetrical shape.
NS Y	Oak, Sawtooth (Quercus acutissima)	40' x 40' Round	Fast growing with a spreading shape. Yellow fall color.
7	Oak, Silverleaf (Quercus hypoleucoides)	40' x 35' Spreading	Lance-shaped leaves are silvery white below and dark green above.
8 €	Pagoda Tree (Styphnolo- bium japonica)	65' x 40' Round	Attractive compound foliage and fragrant late summer flowers.
¥	Rubber Tree, Hardy (Eucommia ulmoides)	40' x 40' Round	Attractive glossy green foliage. Excellent resistance to insects and disease.

₩	Silverbell (Halesia caro- lina)	40' x 35' Round	Clusters of bell-shaped white flowers. Yellow fall color.
&¥	Snowbell, Bigleaf (Styrax obassia)	35' x 25' Round	Also called fragrant snowbell. Perfect white flowers with showy yellow stamens. Interesting bark at maturity.
\$\$	Tupelo, Black (Nyssa sylvatica)	35' x 25' Pyramidal	Beautiful red fall color. Blue to black berries. Fissured grey bark.
XXX	Tupelo, Chinese (Nyssa sinensis)	40' x 30' Pyramidal	Brilliant red to orange fall color. Disease resistant and tolerant of compacted soils.
King -	Tupelo, Forum® (<i>Nyssa</i> sylvatica 'NXSXF' PP11391)	45' x 25' Pyramidal	Great form with strong central leader. Red fall color.
Ship A	Tupelo, Wildfire Black (<i>Nyssa sylvati-</i> <i>ca</i> 'Wildfire')	40' x 25' Pyramidal	New spring growth is deep red. Fall color is deep orange.
%	Yellowwood (<i>Cladrastis kentukea</i>)	40' x 40' Round	Clusters of fragrant white flowers in spring. Yellow foliage in fall.
King .	(Zelkova serrata `Musash- ino')	45' x 15' Columnar	Tightly columnar shape rises above traffic. Yellow to orange fall color.
XX3	Zelkova, Village Green (<i>Zelkova serra-</i> <i>ta</i> 'Village Green')	40' x 40' Vase	Fast growing cultivar with dark red fall color.





GOING ROGUE

For Oregon's
Chatoe Rogue,
"homegrown" is
more than just
a slogan, it's a
mantra.

by Sarah Gustin

harvested to become the chipotle peppers used in their Chipotle Ale. The rosebushes that you can smell as you wander the grounds are used in the Mom's hef (that can only be found on Mother's Day). As you drive up to the farm you will pass 42 acres filled with seven varieties of aroma hops. These hops will be harvested and processed, and sent off to be brewed. Wander and you may also see rye, berries, and corn that are used in many of the brews, spirits, and meads that Roque is innovating. A trip to Rogue Farms means you can be drinking a beer that was grown where you are standing!

I personally have been to several very fun events out at the farm! Last fall at the Harvest Fest I got to enjoy a pumpkin beer while sitting on the porch overlooking the harvested hop fields that had been replanted with a large pumpkin patch. They provided a pumpkin launch, concert, and lawn games

Whenever I find a little place that I fall in love with, I have to tell as many people as possible. I want a great business to stay in business! And I love Chatoe Rogue. Founded in 1988 in Ashland, Oregon, Rogue Ales and Spirits has been spreading their beer revolution all over Oregon. And with the opening of Chatoe Rogue on the Willamette River, they are showing the Northwest what it really means to be "farm to table".

Drive out past downtown Independence and keep going until you think you've gone too far, and at the end of the road you will find this charming little farm is just so uniquely Oregon! Rogue has started the "Grow your own" movement. Almost everything grown at Rogue Farms is used in their beers. Jalapenos are left to ripen and turn red and are hand

Rogue Farms

3590 Wigrich Road Independence, OR 97351 (503) 838-9813

www.rogue.com





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Local Events September 2015

The 2015 Annual Dahlia Festival Sat.-Mon., September 5-7, 2015 • 10:00am-6:00pm Swan Island Dahlias, Canby, OR

A must see for the dahlia lover, or if you just love flowers. Free admission and parking.

www.dahlias.com

8th Annual Tomato & Salsa Fest Saturday September 12, 2015 • 11:00am-4:00pm Timeless Gardens Nursery, Lebanon, OR

Bring \$3 and a quart (minimum) of your salsa to enter our Tasting contest. 3 Categories: Best all around, Hottest (that you can still eat), Most Unusual. There will be hourly door prizes and The Largest Tomato Contest (free to enter), Raffle prizes, and an end of the day Grand Prize (purchase required for grand prize).

www.timeless-gardens.com/events.html

Colors of Fall Festival Sat.-Sun., Sept. 26-27, 2015 • 10:00am-5:00pm The Cascade Nursery Trail, Salem, OR Area

Unique offerings chosen for fall planting and winter interest will be featured for this celebration of season. There is always a great variety of established pots, begging to be taken home and planted in your garden this time of year. THIS is the time to score some really good stuff!

www.cascadenurserytrail.com.



capitolsubaru.com



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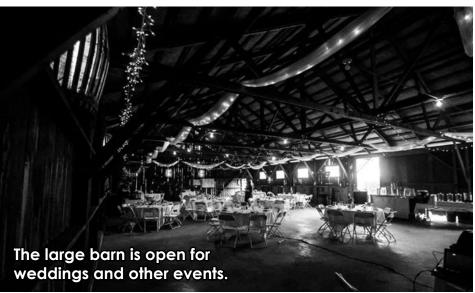
for families. The Labor Day Garage Sale is how I pick up discounted decorations for my man cave, and occasionally a small keg for my weekend BBQ. Hopyard yoga has been one of my favorites. Always free and bring your own mat, a couple dozen people will grab a beer and a workout! I especially enjoyed when our yogi told us to imagine that, "you have a taster tray on your flat back", and to keep it flat so that none of our beer would spill!

Chatoe Rogue perfectly balances innovation and rustic charm, and I've never regretted a visit. Be sure to like "Rogue Farms" on Facebook so you don't miss any events. Maybe you'll see me, in my yoga pants with a mead in my hand, saying "hi" to pigs Voo and Doo.

Tours are free and available Saturdays & Sundays at 3:00pm. Contact them on the Farm at (503) 838-9813 or email cheryl@rogue. com to schedule a tour.

Upcoming Events:

Sept 3
Labor Day Garage Sale
Sept 13 Harvest Fest
Oct 17 Pumpkin Patch Party











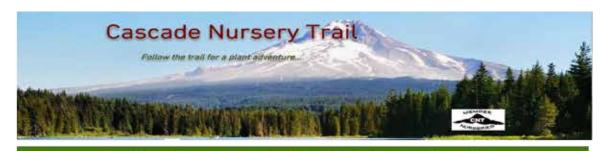












Colors of Fall Festival

This time of year brings the promise of warm soils, cooling ambient temperatures and coming rains - the perfect time for planting! Unique offerings chosen for fall planting and winter interest will be featured at each Cascade Nursery Trail Nursery on the trail for this celebration of season.



Saturday & Sunday September 26th & 27th 10am to 5pm At each of these members' nurseries





Visit www.CascadeNurseryTrail.com for details Follow the trail for a plant adventure...



One of the best aspects of the Garden Time show is the amazing variety of locations we get to visit each week during the production of the show. After 10 years of the show I thought we would run out of new and interesting topics to showcase. Well I am happy to say we live in a part of the country which offers a never-ending array of nurseries, gardens and plant growers to explore! One such story brought us to the coast last summer where we met with the very lovely Jennifer Bloeser from Frog Eyes Wasabi. She and her husband grow wasabi commercially near Pacific City on the Oregon coast. They grow two varieties of wasabi...Daruma and Mazuma. Daruma is the traditional green variety and Mazuma has a purple ring which produces a purple paste when grated.

The plant grows natively in Japan in low light in stream beds. Historically wasabi was used for its antibacterial properties, which is why it is traditionally served on fish. That is where the sushi/ wasabi connection started. All parts of the wasabi plant are edible. The leaves and stems can be eaten fresh or sauted with a little olive oil or the leaves can be pickled for 15 minutes with a little salt and sugar. The traditional wasabi paste comes from the rhizome. The rhizome is scrubbed and then grated with a wasabi grater or oroshiki. The volatile oils are what give wasabi its heat and the oils dissipate rapidly. When using fresh wasabi it's important to only grate as much as you will use within a half an hour in order to maintain the heat and flavor. The rest of the rhizome can be stored wrapped in a wet paper towel in

an open bowl in the refrigerator or in an open plastic vegetable bag. It's important to re-wet the paper towel every few days. The cut surface will oxidize slightly; the heat and flavor will remain unchanged under the oxidized layer. The leaves and stems will keep fresh for one week in the refrigerator stored in the same way you would other fresh greens. Uncut wasabi rhizomes can be stored for at least three weeks in the refrigerator.

Wasabi can be grown by the homeowner in the Pacific Northwest if conditions are ideal. It can take 12 to 48 months to grow a rhizome big enough to harvest and chances are slim that you will be able to grow one large enough to harvest at home. You can however harvest the leaves and stems and get some

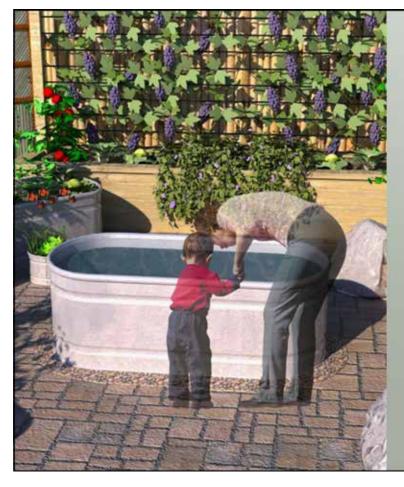


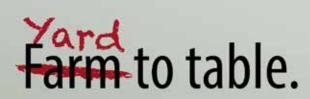
Suggestions for use of fresh wasabi from Frog Eyes customers:

- Steak with a bit of fresh wasabi (and dipped in soy sauce). Imagine steak with a bit of asparagus on the fork with a horseradish heat. (Also a neo-traditional Japanese use)
- French fries with fresh wasabi (also in wasabi aioli)
- Wasabi fresh grated onto a raw oyster
- Mashed potatoes with fresh wasabi
- Soba Noodles with Fresh Wasabi and sautéed vegetables (a Japanese version of Pasta Primavera)
- Fresh wasabi on a hamburger
- Fresh wasabi grated into an asian salad
- Wasabi-infused vodka bloody mary (or grated and stirred)
- Fresh Wasabi ceviche
- Wasabi vinaigrette salad dressing
- Fresh wasabi grated into miso soup or stew.



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of that wasabi heat that way. Wasabi is in the Brassica family, the same family as mustard. The plants like a lot of moisture but not standing water. They also like low light conditions. Frog Eyes grows their plants in several inches of gravel inside algae covered greenhouses. These conditions mimic the low light, well-drained areas by streambeds where they naturally grow in Japan. On a side note, the heat of wasabi leaves does not put off slugs. We found that wasabi leaves were slug magnets.

Another fun fact...that wasabi you buy prepared at the store or served at most restaurants is most likely a combination of horseradish, mustard and green dye.

You can purchase wasabi grown by Frog Eyes Wasabi at Uwajimaya, New Seasons and The Flying Fish Company. You can also purchase wasabi plantlets from Frog Eyes website at www.thewasabistore.com.

I was fortunate enough to be able to take home some plantlets and planted them around a bubbler fountain in our backyard. They are in a fairly well shaded area with water and rocks nearby and they are doing well. Maybe in 3 more years if they survive our winters, I will be able to harvest a rhizome and prepare my own wasabi paste from my own backyard. In the meantime I think I will just pick some up at Uwajimaya.





Entit nebroo

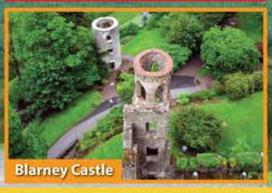


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How to choose and use oil in cooking.

by David Musial

Mention the word oil to most people and you are likely to hear responses like, fracking is bad for the environment or why is the price of gas so high. In Portland, you'll hear, "Stop that ship (reference to the Shell Oil Vessel, MSV Fennica protest in Portland)!" However, if you mention oil to a chef or a cook, you'll be met with excitement and responses like, what type of oil, what are you using if for or what's the smoke point. Same word, different emotional response. Since I'm no expert on fracking or the economics of gas prices, I'll stick with exploring cooking oil.

So what is vegetable oil? Basically it is liquid fat (yum) as opposed to solid fat, like lard. Most liquid fats are plant-based and also known as culinary or cooking oils. Production of these oils goes back thousands of years. The Chinese and Japanese have been making soy oil for over four thousand years and the Europeans olive oil for over five thousand years.

In North America and Mexico, peanuts and sunflower seeds were used to create oil. The legume or seed was roasted and then ground. This ground mixture was boiled in water and the oil would be removed as it rose to the top. There is also evidence of Native Americans grinding and cooking hickory nuts for oil extraction. It was during the Middle Ages, that a mechanical press was developed for extracting oil and the same basic principles are still in use today.

There are now three primary methods for extracting oil; cold pressed, expeller pressed and solvent extraction. Cold pressed oils use a hydraulic or a screw type press. What makes the oil 'cold pressed' is the fact that the process cannot raise the temperature above 120 degrees. Sesame seeds and olives both work well in the production of oil with this method.

Expeller pressing uses a screw or worm press to obtain the oil. This method generates a temperature above 120 degrees and quite often, the product having the oil extracted will be heated to 200-250 degrees to assist in oil extraction.

Solvent extraction is primarily used for soy and corn oil. Solvents help to dissolve the oils and are then removed at the end of the process. It results in higher yields of oil at a lower cost.

The final process in some oils is refinement. This is a process that removes color, odor, bitterness and

gumminess from the oil. Additionally, it generally raises the smoke point which we'll talk about later.

The term vegetable oil is generic and there are no oils made from what we recognize as vegetables. No you won't find cabbage or eggplant oil on the shelves. What we typically see sold as vegetable oil is actually a blend of oils. Oils today are made from seeds, nuts and in some cases fruit such as the avocado.

The most common oils on the shelves today are vegetable, olive, canola, safflower, sunflower, peanut and corn oil. Each oil has its merits and uses.

Oil serves many purposes in our diet, eating pleasure, baking and cooking. Although fat in excess is not desirable, fat is a part of a healthy diet. Oil also makes food taste better. It can add a rich flavor, add a smooth texture and improved mouth feel.

In baking, oil can tenderize, help with leavening, increase moisture retention and prevent food from sticking to a surface. When used in a cooking method, such as frying, it can create a crispy exterior while keeping the inside moist. Oil can also be used to make emulsification like salad dressings. All in all, it is a pretty versatile ingredient.

When cooking with oil, you want to match the oil with the use. The two main considerations when using oil are flavor and smoke point. Many oils have a neutral flavor and will not impart any additional flavor to the food. This can be important when the oil is used for properties other than flavor, such as a cake. In some recipes, flavor is important, like when using sesame oil for that distinctive Asian flavor.

The smoke point should be considered when using oil to fry or sauté food. The smoke point is the temperature at which the oil breaks down and begins to



Showing the difference between refined and unrefined.					
Fat	Quality	Smoke	Point		
Soybean Oil	Unrefined	320°F	160°C		
Soybean Oil	Refined	460°F	238°C		
Sunflower Oil	Unrefined	225°F	107°C		
Sunflower Oil	nflower Oil Refined		232°C		
Canola Oil	High Oleic	475°F	246°C		
Canola Oil	Refined	400°F	204°C		
Olive Oil	Olive Oil Extra Virgin (Unrefined)		210°C		
Olive Oil Refined		468°F	246°C		
Peanut Oil	Peanut Oil Unrefined		160°C		
Peanut Oil	Refined	450°F	232°C		
Avocado Oil		520°F	271°C		
Butter		270°F	136°C		

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smoke. Olive oil has a relatively low smoke point and would not be a good choice for a high temperature sauté. The oil will burn and fill the house with smoke before the food is ready. Been there, done that and had to open all the doors and windows in the house.

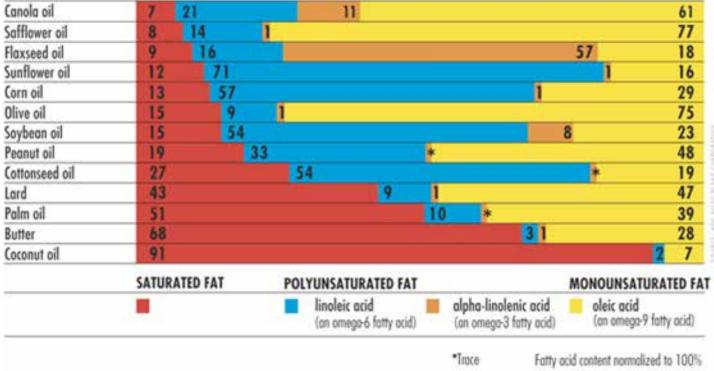
Nutritionally, there is a lot of information about healthy and unhealthy oil. What you need to know is the American Heart Association advises that oils high in saturated fat increase the bad cholesterol and lower the good cholesterol, while the polyun-



saturated or monounsaturated can actually lower bad cholesterol. Additionally, saturated fats can increase the risk of stroke, where polyunsaturated and monounsaturated can lower the risk.

Most polyunsaturated oils are tropical oils like palm kernel, palm and coconut oil. Although coconut oil is high in saturated fat, it is still fine in frying due to its high smoke point. Healthy oils include olive, canola, peanut and safflower oil. Lastly, remember that fat is fat and although a part of a balanced diet, too much 'healthy' oil is not healthy.

Comparison of Dietary Fats Canola oil 7 21 11



Storing oil properly will increase its shelf life and keep it from going rancid. It should be stored in a dark cool cabinet, not the one over the stove. Choose a size bottle that you will use within six months. Although some will keep longer, you don't know how long it was on the shelf at the grocers. Expensive nut oils, like walnut and hazelnut, can be stored in the refrigerator. They will solidify, but will return to a liquid after being brought to room temperature.

So how can you tell your oil has gone rancid? Open up the bottle and smell; you'll know! It will have an acrid and bitter aroma that will become more pronounced as you use in cooking.

A few tips on using and storing oil:

- Always heat oil to the proper temperature when frying. Too low of a temperature and your food will absorb the oil and be oily as opposed to crisp.
- When frying or sautéing, keep the pieces to be cooked uniform in size.
- As the volume of oil goes down in the bottle from use, transfer to a smaller bottle to reduce the air space which causes oxidation.
- Oil used for deep frying can be reused if it is strained after cooling and before storing. The oil will break down after being used a second or third time and should be disposed of at that time.
- Save the extra virgin olive oil for salad dressings or use as finishing oil, not sautéing.

Oil is a wonderful and useful ingredient. Happy cooking and may your fried food never create an oil slick on your plate due to improper use!





wtditg

WIDITE

The time goes so fast! With Summer winding down, it's time to enjoy the last warm days of the year, and turn our focus to Fall. September is a good month to plant, and it's a great time to start planning your garden for next year. With Fall rains coming, new plants will get established before the cold weather arrives.

PLANNING

• Plan some new color for spring by figuring out where to plant some spring bulbs. Creating pots with 'layers' of bulbs would be fun. A cluster of



bright yellow daffodils planted at the base of a tree or three will really liven the yard up in the early months. Daffodils aren't eaten by squirrels or deer so they should remain intact for years giving you more color every spring.

- Check on the vegetables to be harvested. This is an important time to check on the crops, picking them before the veggies lose their flavor.
- Since September is a good month to plant and there are usually sales now on nursery stock, why not do a little landscape renovation? If you need help, bring some photos and notes into your local independent garden center. They can help you put together some good ideas of what to plant and where.

PLANTING

• It's time for shopping and planting spring bulbs! As the weather cools, that should be your signal to purchase some bulbs for a spring display of sunny color. Tulips, daffodils, hyacinths and crocus can be found now. You'll have up until late October to plant them, but

selection of the coolest bulbs is gone early so don't delay.

• Fall is an exceptional time to plant landscape trees and shrubs! With the rains coming on soon and the soil being so warm from the summer sun, the plant's root systems take right off this

time of year.
Most likely
there are
sales to take
advantage of,
so the savings
make it even
more enticing.



TASKS, MAINTENANCE & CLEAN-UP

- Apply Beneficial Nematodes to the beds below rhododendrons and azaleas to fight root weevil damage. Root weevil adults do the damage above ground that is visible so you'll know if they are around. The grubs below ground are the killers, girdling the trunk, besides eating the majority of the roots. Beneficial Nematodes are microscopic creatures that hunt out and destroy these pests and 229 more species of insects, but are not harmful at all to earthworms, humans or pets. They are active for two years in the soil too!
- Be on the lookout for slugs and their eggs. Fall is egg laying time again for the slimy creatures. Eggs



are easy to spot and get rid of, if you know what they look like. Slugs lay eggs under stones, pavers, boards, plant debris or wherever they can find a hiding spot. The eggs are usually clustered in groups and look like little BB's, but are a creamy

color. By finding and destroying these eggs before they hatch, you will take care of hundreds of the slimy leaf-chompers before they can get to your plants.

• Begin to get plants ready for winter by holding

back on the watering and stop any fertilizing this month. The plants need to get toughened up for the coming winter. If watered frequently and fed too late in the season the leaves are more tender and apt to freeze or be severely damaged.



 September is an excellent month to start a lawn from scratch or over seed a thin lawn. In fact this time of

year is about the best and fastest time to start a lawn.

• Fertilize the lawn now if you haven't done so for a couple of months. With the cooler weather and rains on the way you will notice the lawns becoming greener and thicker again, naturally.

- Pull up begonia tubers before it gets too cold or at least move the pot into a garage or shed. Let foliage die down naturally, then remove foliage, lift bulb out of the soil and store the begonia tubers separately in paper bags (breathable!) in a protected cool, not cold, environment like a basement or a chilly room.
- Dahlias: to dig or not to dig? If you dig up the dahlias to store them, and then divide and replant in the spring, they will continue to come up bigger and better every year. If left in the ground eventually they will poop out, getting many smaller stems and fewer flowers.

Dig the tubers at least one week after a frost and after the stalks have died down. Dahlias dug too early will not store well. Cut the stalks down to 6-8", shake the loose soil off the clumps (don't



wash the clump) then allow the clump of tubers to cure or dry for a few days before being stored

indoors in a cool dark area. Check stored tubers occasionally for any rot developing. You will divide and replant them next May.

• This is a great month to divide iris and other spring and early summer blooming perennials. Iris and other perennials can become overcrowded and that slows down on its flowering show. By lifting the clumps, cutting out the old centers or mushy parts and then replanting the leading growing edge of the clump immediately back into the garden, the perennials can again take off and give you additional years of flowers.

VEGETABLE GARDEN

- You can still seed these crops right into the garden: Arugula, beets, cabbage (for spring harvest), carrots, endive, fava beans, garlic cloves, lettuce, kale, mache, onion sets, radish, salad greens and shallot bulbs.
- Mulch the mature carrots, beets, turnips and parsnips for winter harvesting. By applying good 3-5" thick mulch you can store these veggies right out in the garden. Pull some up whenever you want to fix some for a meal.
- Harvest the winter squash when the 'ground spot' turns from white to a cream or gold color. (The ground spot is just what it sounds like, the part of the squash fruit that lay on the ground.) Winter squash can be harvested whenever the fruits have turned a deeper color and the rind is hard. Harvest the main part of the crop in September or October, before the heavy frosts. Cut squash from the vines

- carefully, leaving two inches of stem attached if possible. Squash that is not fully mature, has been injured, or had their stems knocked off, or has been subjected to heavy frost will not keep.
- Harvest potatoes when the tops die down and before the first frost. Dig up the tubers, being careful not to nick the spuds with the shovel. Any tubers that have a damaged spot from digging should be cooked up and not stored. By hand remove any soil clinging to the potatoes and then leave them on top of the soil for a few hours to dry out - if they are stored damp, they will rot. Leaving them on the soil surface in the sun will harden the skin slightly, doubling the storage time.
- Protect the tomatoes, peppers and eggplant from early frost. Drape the plants with Harvest Guard protective yard and garden cover. Pick green tomatoes and ripen indoors if cold weather threatens.



2015 Annual Dahlia Festival Saturday-Monday, September 5-7, 2015 • 8:00am-6:00pm Swan Island Dahlias, Canby, OR

Indoor Display Hours: 10:00am-6:00pm. Field Hours: 8:00am-6:00pm. Free Admission, Free Parking, Handicap Accessible, A Rainbow of Color! A must see for the dahlia lover, or if you just love flowers. View over 400 floral arrangements of dahlias, over 15,000 cut dahlia blooms on display, in our three indoor display rooms. This is the largest display put on by one grower anywhere in the United States!

13th Annual Gardening Festival Saturday, September 5, 2015 • 10:30am National Guard Readiness Center, Dallas, OR

Polk County Master Gardeners will hold their 13th Annual Fall Fling educational event at the National Guard Readiness Center, 12830 Westview Drive in Dallas, OR on Sat., Sept. 5, 2015. Registration is \$30 and includes lunch. Pre-registration is mandatory and must be received by Aug. 25. Download a registration form from the Polk County Master Gardener website at http://extension.oregonstate.edu/polk/mg or Google "Polk County Master Gardeners.

What to do in the Veg Garden for September Saturday, September 5, 2015 • 11:00am-12:30pm Portland Nursery (Division), Portland, OR

With Donna Smith and Robyn Streeter. Don't miss your chance for questions with Donna Smith and Robyn Streeter, at this monthly lecture series of what you need to be doing now in your vegetable garden.

Trees in Pots Saturday, September 5, 2015 • 1:00pm Portland Nursery (Stark), Portland, OR

With Haley Keegan of Portland Nursery. What trees will work well in pots, and how do you take care of them? Are there shrubs that can give you the look of a tree without outgrowing the pot so fast? Keegan will share some favorite trees and shrubs for sunny or shady containers, and advice on knowing when to up-pot, how to fertilize, and all the rest. Get tips on underplanting and combinations for year-round interest!

continued next column

Japanese Maple Pruning Sunday, September 6, 2015 • 11:00am-12:30pm Portland Nursery (Division), Portland, OR

Join Holly Beare of Eshraghi Nurseries to learn how to make the right cuts to keep your Japanese Maples happy and healthy. Holly will provide information for homeowners on how to prune and shape their trees, seasonal needs, and troubleshooting tips. She will also go over the basics of using and caring for your pruning tools. If you have purchased a Japanese maple before the class, or want to bring in your own potted maple from home to work on, please bring your own hand pruners, small pruning saw, and gloves. We will provide disinfectant for pruners.

Fall Lawn Care Sunday, September 6, 2015 • 1:00pm Portland Nursery (Stark), Portland, OR

With Paul Hastings of Portland Nursery. Come enjoy an effective and healthy approach to fertilizing your lawn in the autumn. Paul will cover both organic and conventional approaches to a healthy and vigorous lawn as the rains come back and everything re-greens.

Oregon Trail Iris Society Sale Saturday, September 12, 2015 • 9:00am-3:00pm Al's Garden Center, Woodburn, OR

The Oregon Trail Iris Society will hold their annual sale at Al's in Woodburn. Experienced iris growers will be on hand to offer expert advice, and sell their freshly dug plant divisions. These lovely flowers are one of the easiest plants to grow, offering fragrant, colorful blooms each spring with little effort. Many colors of Tall Bearded Iris will be available, and some dwarfs, too. Cost: Event is free and open to the public. Society Iris rhizomes \$5.00 each. Registration: Registration not required.

Master Gardeners: Bugs Saturday, September 12, 2015 • 10:00am–2:00pm Al's Garden Center, Woodburn, Sherwood, Gresham, OR

The OSU Extension Master Gardeners will help you identify local bugs that may be in your yard. They'll suggest methods for reducing insect pests, and offer information on how to attract beneficial insects that help control the bad guys. Come meet your Volunteers at the continued next page



Master Gardener table, and learn about what's bugging you in your garden! Cost: Event is free and open to the public. Registration: Registration is not necessary.

Garden to Table: Dinner on a Late Summer's Evening Saturday, September 12, 2015 • 10:30am Farmington Gardens, Beaverton, OR

Call 503-649-4568 or email events@farmingtongardens.com to register for one or all of our free classes this month. Invite Some Friends over and Celebrate the Harvest. www.farmingtongardens.com.

8th Annual Tomato & Salsa Fest Saturday September 12, 2015 • 11:00am-4:00pm Timeless Gardens Nursery, Lebanon, OR

Do you have a favorite salsa? One that your friends and family rave about? Bring \$3 and a quart (minimum) of your salsa to enter our Tasting contest. You could win a cash prize and bragging rights. 3 Categories: Best all around, Hottest (that you can still eat), Most Unusual. There will be hourly door prizes and The Largest Tomato Contest (free to enter), Raffle prizes, and an end of the day Grand Prize (purchase required for grand prize).

We will also have samples of tomato foods: A Roasted Tomato Soup, Fried Green Tomatoes and Green Tomato Bunt Cake; a Tomato Recipe book with various tomato and salsa recipes available for purchase; 2 Carnival type games for kids of all ages; and 2 Salsa Making Demonstrations.

Timeless Gardens will have their flowers and plants on very special pricing, All proceeds will go to Hannah's House (a division of Adult &Teen Challenge PNW for women at risk). www.timeless-gardens.com/Events. html/.

Tomato Fest 2015 Saturday, September 12, 2015 • 11:00am-2:00pm Farmington Gardens, Beaverton, OR www.farmingtongardens.com

Little Sprouts: Nature Walk & Pressed Flowers Saturday, September 12, 2015 • 11:00am Garland Nursery, Corvallis, OR

As fall approaches and the leaves begin to turn vibrant continued next column

colors, we are exploring these changes with our Little Sprouts class. We will take our young gardeners on a nature walk through the garden and see all the changes that are happening. Then we will create beautiful pressed flowers to take home. Registration required. Call (541) 753-6601 to register. Cost: \$7 per child.

What to Do in the Garden: Bulbs and Garlic Saturday, September 12, 2015 • 1:00pm Garland Nursery, Corvallis, OR

Fall is a time for planning and plotting and in What to Do in the Garden we are doing just that. We will share which are the best bulbs and garlic to plant this time of year and the coming month for a spring bloom and a summer harvest. No registration required. Free and open to the public.

Fuchsia Society Show Sunday, September 13, 2015 • 10:00am-5:00pm Al's Garden Center, Woodburn, OR

The Fuchsia Society will be at Al's in Woodburn for their annual show. A special guest speaker, Frances White, will speak from 1-2pm about putting fuchsias 'to bed' for the winter and about how she got started growing these hardy plants. She's been growing fuchsias for over 65 years, and still has a part of that original plant! Come meet this Fuchsia Expert and learn from her experience. Cost: Fuchsia Show is free and open to the public. Registration: Registration is not required. Speaker: Frances White, of the Fuchsia Society.

WSU 2015 Master Gardener **Advanced-Education Conference** Wednesday-Saturday, September 16-19, 2015 Hilton Hotel, Vancouver, WA

Master Gardener Foundation of Washington State and Washington State University Extension present 2015 Master Gardener Advanced-Education Conference hosted by Master Gardener Foundation of Clark County. Email: MG2015Vancouver@gmail.com. Phone: 360-397-6060 ext 5706.

Senior Gardening Day Wednesday, September 16, 2015 • 1:00pm-3:00pm Portland Nursery (Division), Portland, OR

Sponsors: Home Instead, Portland Memory Garden and continued next page



Portland Parks & Recreation partner with Portland Nursery to bring a variety of hands-on activities and special gardening demonstrations aimed at the elder gardeners of our community. Free Gardening Activities, Special Senior Day Discount, Refreshments, Shopping Assistance Available, Live Music.

Seed Saving Series Pt.3: Saving Diversity Saturday, September 19, 2015 • 11:00am-12:30pm Portland Nursery (Division), Portland, OR

With Farmer Evan Gregoire of Boondocker's Farm. What to save in the garden this time of year? Winter is coming up quickly so now is the time to get all the seeds out of the garden. Farmer Evan Gregoire of Boondockers Farm and the Portland Seedhouse will review techniques for wet/dry seed collection on a few different varieties that are ready to be saved late in the season. We will review harvesting, storage for winter preparations.

Botanical Printmaking with the Sun: Anthotyping Saturday, September 19, 2015 • 1:00pm Portland Nursery (Stark), Portland, OR

With Amy Rosenheim. The evanescent forms and textures of leaves, flowers, twigs, and other plant parts provide pleasures in the garden while they last. Capture their images, and you can remember the season whenever you look at them. In this hands-on workshop, we will harness the photosensitivity of plants to create beautiful and distinctive prints. Participants will have the opportunity to create an anthotype of their own, and leave with the skills to create many more! Materials fee \$5, class limit 10 people.

Street Trees Lecture Sunday, September 20, 2015 • 11:00am-12:30pm Portland Nursery (Division), Portland, OR

With Friends of the Trees. Join Andrew Land of Friends of the Trees as he discusses the many benefits of and options for street trees in the City of Portland. Andrew will discuss the role street trees play in reducing pollution, managing storm water, improving public health and safety, and improving neighborhoods' live-ability, as well as provide examples of some of his personal favorites. He'll explain the permitting process as well as the basics of how to get a street tree properly established.

continued next column

So, bring your questions and enthusiasm for Friends of the Trees!

The Many Pleasures of Irises Sunday, September 20, 2015 • 1:00pm Portland Nursery (Stark), Portland, OR

With Chad Harris of Mt. Pleasant Iris. Chad Harris of Mt Pleasant Iris and President of the Greater Portland Iris Society will talk of the different irises that can be grown here in the NW with their varied cultural needs, wet to dry, sun to shade. Hands on demonstration on dividing.

Pumpkin Patch, Pig Races, Mazes & More! September 26-October 30, 2015 French Prairie Gardens, St. Paul, OR

Pumpkin Patch Hours: Tuesday-Saturday: 9:00am-5:00pm; Sunday: 10:00am-5:00pm; Monday: Closed. We will be closing at 5pm on 10/31 (Halloween). The crisp fall air signals it is time for a little Farm Family Fun at French Prairie Gardens and Family Farm's Pumpkin Patch! During this 5 week event, people travel from all over to enjoy a day out in the country and have the opportunity to enjoy one of the main attractions - Pigtucky Derby! We have many fun new additions this year to help make your fall trip even better! Visit us opening weekend for our Fight For Your Life 5k, 9/27/15, for a Fun Run to help raise awareness and to support women's rare cancers! Run, walk or crawl, we'd love to have them all! A flat course, on all dirt roads. Money raised goes towards Em's Fight, a foundation formed in memory of Emily Pohlschneider-Edwards. More information at FightForYourLife5k.com. Back by Popular Demand!: Free Admission and free parking on Weekends! www. frenchprairiegardens.com.

Fall Harvest Festival September 26-October 31, 2015 Bauman Farms, Gervais, OR

Check the website for activities and prices. www.bau-manfarms.com

Harvest Time September 26-October 31, 2015 Fir Point Farms, Aurora, OR

Every weekend in October is harvest time. Fall at the farm is all about having a great time with family!! Pick continued next page



your own pumpkins in our Pumpkin Patch while getting your own corn stalks or hay bales for decorating. Celebrate Autumn with us and our many fun activities. Activities run every weekend starting the last weekend in September thru October 31st. Free admission and parking. www.firpointfarms.com.

Colors of Fall Festival Satuday-Sunday, September 26-27, 2015 • 10:00am-5:00pm The Cascade Nursery Trail, Salem, OR Area

10-5 at all CNT Nurseries! Late season gala brings glowing surprises in the garden that are seldom seen! Unique offerings chosen for fall planting and winter interest will be featured for this celebration of season. This time of year brings the promise of warm soils, cooling ambient temperatures and coming rains – the perfect time for planting! Wander thru our gardens and let us be your muse...it is also time to ponder winter interest additions and spring surprises. There is always a great variety of established pots, begging to be taken home and planted in your garden this time of year. We are happy to advise and suggest. As we rev up our wagons one more time to collect our visions for next year's dreams, we find that THIS is the time to score some really good stuff! www.cascadenurserytrail.com.

Celebrate the Fall Equinox with a Craft! Saturday, September 26, 2015 • 1:00pm-2:30pm Portland Nursery (Division), Portland, OR

With Holly Pruett. Join Life-Cycle Celebrant Holly Pruett to explore the world of fall rituals, and teach you about Fall Equinox traditions around the world. She'll then help you to set your intentions for the life you wish to nurture as you build an autumnal wreath. Wreath construction will be led by Portland Nursery creative Cody Phillips. Join us in welcoming Fall! Class limited to 12 students. Please bring hand pruners, gloves and any elements you'd like to incorporate into your wreath. \$10 materials fee.

Fruit Tree Harvest Time Saturday, September 26, 2015 • 1:00pm Portland Nursery (Stark), Portland, OR

With Monica Maggio of Core Home Fruit. It is getting to be that crucial time in your fruit tree season: harvest continued next column

time! Monica will talk about how to properly harvest and store commonly planted fruit, like apples and pears, so you can get the best use from your harvest. She will also discuss some of the best varieties for the Pacific Northwest - start getting warmed up for apple tastina.

Mason Bee Fall & Winter Maintenance Sunday, September 27, 2015 • 10:00am(D); 1:00pm(S) Portland Nursery (Division, Stark), Portland, OR

With Rich Little. Mason bees will complete their development from egg to adult bee in the cells/cocoons within the nesting holes by the end of summer. The adult bees 'hibernate' in their cocoons for the winter. This is the time you prepare the bees for winter storage, fix and clean the nesting block for next Spring. Learn how to remove and examine the cocoons closely for signs of infestation by mites or other predators/parasites. Learn what to do if they are found. Learn the proper storage conditions using your refrigerator veggie crisper drawer until next Spring when you release them. Students are welcome to bring in their own mason bee houses to get their bees ready for the winter. Class fee: \$5 cash to teacher.

Landscape Basics Part 2 - Fleshing it Out Sunday, September 27, 2015 • 1:00pm Garland Nursery, Corvallis, OR

Join us as Lee Powell, landscape architect (PLA#288), completes the second half of Landscape Basics. In April, Lee shared design basics on how to create the structural foundation of your landscape. In Fleshing it Out, Lee will share how to complete the design by filling in with shrubs, groundcovers, perennials, bulbs and garden art. If you missed the April class, not to worry, this class will be just as informative as a stand-alone. No registration required. FREE and open to the public. www.garlandnursery.com.

LOOKING FOR MORE?

You will find more events and updated information on the Garden Time Events Calendar www.gardentime.tv/events.htm

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