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- Michael Roe, Windmill Nursery's VP of Production





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2023 FARWEST SHOW GUIDE

FarwestShow.com

Welcome to Nursery Country

The Oregon Association of Nurseries welcomes you to the 2023 Farwest Show, celebrating its 50th anniversary!

35 Show Guide

The 2023 Farwest Show Guide helps you get the most out of your show experience and your visit to Oregon.

53 Exhibitors by Product Explore the products that are available at the Farwest Show with

this listing of exhibitors by product.

58 Exhibitors by Name

Find out who's at Farwest with this alphabetical listing of exhibitors.

77 New Products Showcase

Discover great new products to please your customers and make your business easier to operate.

COLUMNS

- **9** President's Message
- **19** What I'm Hearing
- 85 Digital Growth
- 102 Director's Desk

DEPARTMENTS

- 10 Calendar
- 87 Northwest News
- 93 Classifieds
- 95 Subscription Info
- 96 Advertisers Index
- 97 Growing Knowledge
- 101 Digger Marketplace





In addition to the Farwest Show Guide, the August issue of *Digger* features green industry stories and news content. *Dig in!*

11 Farwest turns 50

Ever since the first Farwest Show in 1973, the nursery industry that comes together, grows together. **By Kym Pokorny**

21 Hot for Hinoki

Hinoki cypress is hotter than ever for use in modern landscapes. **By Emily Lindblom**

29 The (not so) big chill Plant sales have cooled off since the highs of the COVID era, but 2023 is shaping up strongly so far for the green industry. By Jon Bell

81 Seeding the next gen Meet the next generation of horticulture specialists, college

students who are preparing for careers in horticulture and related fields. **By Stephanie Weihrauch**

97 Researchers roundup Get to know the horticultural researchers at OSU and USDA. **By Lloyd Nackley**











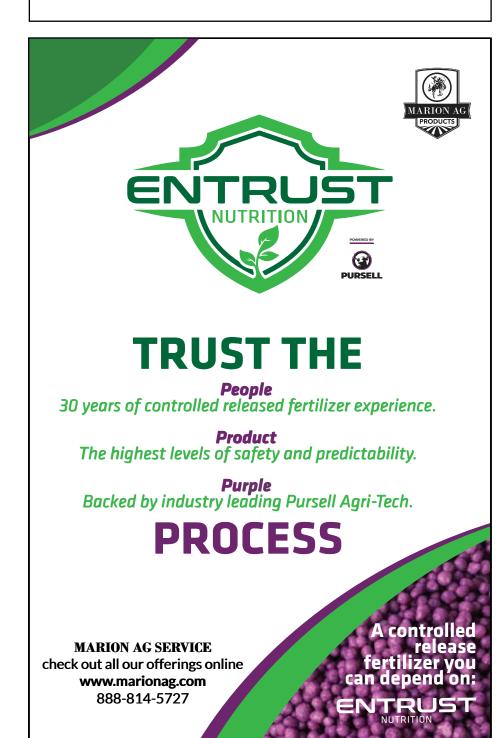
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PRESIDENT'S MESSAGE

An immersive experience

Last month, Las Vegas showcased its newest attraction. The Sphere at The Venetian Resort was turned on for the very first time.

The sphere is 366 feet high and 516 feet wide. With a total of 875,000 square feet, it will be the largest spherical building anywhere in the world. The exterior uses 1.2 million small, programmable LED lights. This feature was showcased when the switch was flipped and tourists and residents alike were astonished to see realistic renderings of a giant life-size basketball, a human eyeball, and the American flag displayed on the exterior of the sphere. I imagine it really was an incredible sight to see.

The interior of the sphere will have the largest 16K resolution LED screen in the world. It will also feature over 150,000 speakers. Sound will even be delivered through the floorboards. Additional 4-D technologies will be used to mimic scent and the wind. All of these sophisticated resources are being used to create a more immersive experience for the consumer.

As humans we want to connect with the things around us through sight, taste, sound and touch. This idea is what makes Disney theme parks stand out above many of their competitors. They focus on the small details that allow you to feel a part of the story in a personal way.

Fifty years ago, a group of trailblazers in the Oregon nursery industry had an idea to create a trade show locally. The first Farwest Show took place in 1973 with targeted ads proclaiming, "All Roads Lead to Portland." The goal was to create a world-class trade show that allowed growers, customers, sales reps and business partners to come together; to create an immersive experience with the people and places that produce the quality plant material they have come to expect.

I have attended the Farwest Show since I was a child. I followed my Dad around, mesmerized, watching him in his element. It seemed like he would interact with every person in every booth.

The relationships created and built upon at the show were critical for him as an individual and a business owner. Through these interactions, Dad would leave with a better barometer of the health of the nursery industry in Oregon. He would see upcoming business trends that would excite him, and come away more edified and engaged from having spent time interacting with the best this industry has to offer.



Todd Nelson OAN PRESIDENT

Dad has since passed on, but I still look for the familiar faces of those great people he would visit with - folks like Bob Fessler of Woodburn Nursery & Azaleas, Mark and Jolly Krautmann of Heritage Seedlings and Liners, and Ray Klupenger of Klupenger's Nursery and Greenhouses.

Ray passed away in 2022, but we are fortunate to have Karen, his daughter, work as one of our managers.

Following my father's example, I bring my family to the Farwest Show. It's an event we look forward to every August. When they were young, my children would race from table to table collecting as much swag as possible and often would come away with way more candy than what they could score on Halloween.

The Farwest Show marked the last few days of summer break. It gave our family the perfect opportunity to connect and reflect.

Usually, after the final show, we would treat the children to dinner at a special restaurant and talk about the upcoming school year. We would share our hopes and dreams, make plans and goals, and renew our commitment to helping each other be our best. This became the highlight of summer break, and we looked forward to it each year.

Fifty years later, and all roads STILL lead to Portland. The Farwest Show this year, as it has been in the past, will be an immersive experience. Throughout the week, there will be tours, networking events, social events, guest speakers, seminars and specialized training for you to participate in. There will be continued opportunities to sell nursery stock, visit with old friends and make new friendships that could very well last for generations.

And just maybe, if you're lucky, you will see a young child following their dad - or a bunch of kids racing from booth to booth searching for the best swag and candy.

One thing's for certain, it will be the highlight of summer! I look forward to seeing you there. \bigcirc

/OD CNESON



CALENDAR

Get the word out about your event! Email details to Calendar@OAN.org.

AUGUST 8-10

THE GARDEN CENTER SHOW

This annual trade show and networking event for independent garden center owners will take place in Milwaukee, Wisconsin, and includes an education program sponsored by Garden Centers of America. For more information, visit www.GardenCenterShow.com.



AUGUST 9-11 NURSERY/LANDSCAPE EXPO

San Antonio, Texas, is the site for this annual expo presented by the Texas Nursery & Landscape Association. For more information, visit **www.NurseryLandscapeExpo.com**.



AUGUST 13-16 TREES + TECH SUMMIT / ISA CONFERENCE

The International Society of Arboriculture will host its annual conference and trade show in Albuquerque, New Mexico, from August 14–16. A new pre-conference event, the Trees + Tech Summit, will take place the day before on August 13. The summit will bring together thought leaders from around the world to learn about the latest technology and strategies to solve common urban forestry challenges. Log on to **www.ISA-Arbor.com for more information**.



AUGUST 17 CNGA BUYERS EXPO

The Colorado Nursery and Greenhouse Association (CNGA) is hosting an outdoor Buyers Expo at Adams County Fairgrounds



(9755 Henderson Road, Brighton, Colorado). The expo is designed for buyers and specifiers who are interested in purchasing or sourcing plant



AUGUST 23-25 | FARWEST SHOW

Cheers to the biggest green industry trade show in the West! Celebrating its 50th anniversary this year, the annual horticulture extravaganza is produced by the OAN and brings together more than 300 exhibitors and 4,000 attendees – growers, retailers, wholesale buyers, suppliers and landscape

professionals — to the Oregon Convention Center in Portland, Oregon. For more information and to register, visit **www.FarwestShow.com**.

material, including retail nurseries, garden centers, landscape contractors, municipal parks and recreation departments, landscape architects, property management companies and other relevant industry professionals. To register, please visit www.ColoradoNGA.org.

AUGUST 22-24

GREEN TRANSPORTATION SUMMIT & EXPO / GREAT WESTERN CARBON CONFERENCE

Electric, hydrogen and hybrid trucks, tractors, excavators and other vehicles will be on display at the West Coast's premier fleet modernization and sustainable transportation event, taking place at the Greater Tacoma Convention Center in Tacoma, Washington. The Great Western Carbon Conference will take place on Thursday, August 24. Hear from policymakers, industry stakeholders, academia and NGOs about the state of carbon policy in the country, the next phase to reduce emissions, the impacts of these policies, and how to adapt to this transitional era of decarbonization. To learn more and register, log on to www.GTSummitExpo.com.

973~2023



OCTOBER 27-28 OAN CONVENTION

Save the dates for the Oregon Association of Nurseries' Convention, taking place over a long weekend at a location to be announced soon. This annual gathering is a special opportunity to discuss the state of Oregon's nursery and greenhouse industry in a relaxing, celebratory setting. Contact Allan Niemi, OAN Director of Events, at **ANiemi@ OAN.org** or 503-682-5089 for information about sponsorship opportunities. C

Farwest turns 50

Ever since the first Farwest Show in 1973, right up to this year's 50th anniversary, the nursery industry that comes together, grows together

BY KYM POKORNY



the Farwest Show. Above: Dave Fleming (wearing cowboy hat) and Paul Lother man the booth. Below: J. Frank Jr. promoted Nursery Country and the show's original home at Memorial Coliseum.

VERY AUGUST, thousands of nursery professionals kick the dirt off their boots and head for the Oregon Convention Center, where the Farwest Show offers them a chance to show off their best products, plants and people. Over the last 50 years, the Farwest Show, produced by the Oregon Association of Nurseries, has grown into the largest nursery trade show on the West Coast.

As it celebrates a half-century, the show continues to demonstrate its relevance, drawing people from around the country, Canada and the world. Walking the aisles, checking out new products and visiting with old friends has become a tradition for many, including those original exhibitors who have attended every year without fail.

J. Frank Schmidt III, the second-generation co-owner of Boring, Oregon-based **J. Frank Schmidt & Son Co.**, along with his sisters Jan Barkley and Jean Webster, learned the ropes by attending with their father, J. Frank Schmidt Jr., who founded the nursery more than 75 years ago. As the Farwest Show has grown, so has the Schmidts'



Farwest turns 50

Below: Former Oregon Gov. Barbara Roberts (second from left) attended the Farwest Show and posed for this photo with Rod Park of Park's Wholesale Nursery LLC (far right), Kathie Femrite of Femrite Nursery Company (second from right) and an unidentified person (far left). Above: The scene from the Silver 25th Anniversary Farwest Show.

business. From humble beginnings, J. Frank Schmidt now ranks as one of the largest shade and ornamental tree growers in the U.S. with 1.5 million plants sold each year.

Schmidt remembers many hours spent in the large booth, now featured prominently at one of the entrances to the show with a 10-foot-tall banner proudly announcing their line of trees. Farwest was where he met the late, great Ted Van Veen Sr., the famed rhododendron grower from Van Veen Nursery; Don Howse, owner of **Porterhowse** Farms; and Raymond Klupenger, owner of Klupenger's Nursery and Greenhouses, who died in 2022 and was instrumental in the creation of the Farwest Show.

"I spent a lot of time in the booth and learned a few things over the years," Schmidt said. "I remember meeting all of those guys. They all knew so much and were respected."

How it began

Jim Heater — the first manager of the Farwest Show — was one of those guys. To this day, Heater remembers exactly that the first show in 1973 had 121 exhibitors and 1,462 attendees. He also remembers there were some who didn't immediately jump on board. But nurserymen like Klupenger, Van Veen, Schmidt and Howse believed in it from the start and threw their weight behind the show.

"All roads lead to Portland," an ad

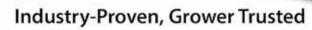
trumpeted for that first Farwest Show. Heater and Ray Klupenger, president of the OAN in 1972, donned white cowboy hats and took their show on the road to the five big trade shows at the time.

"We got reservations for those shows and had a booth advertising Farwest," Heater said. "We invited everyone to Portland — kind of like (newspaper editor) Horace Greeley, who said 'Go West, young man' (in 1871). We were looking for >> national attention."





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Farwest turns 50

The industry began to respond. From afar, people had seen

the quality of Oregon plants they were buying and were eager to see examples of the millions of plants shipped to the Northeast and other regions, and meet the women and men who produced them. Every subsequent year the Farwest Show grew bigger.

The show, which started at Portland's Memorial Coliseum, moved to the Portland Expo Center and then relocated to the shiny new Oregon Convention Center in 1991, where it eventually spilled onto two floors. Booths and, back then, display gardens, lined the packed aisles.

"It took off with such a bang once it got its feet," Heater said. "It's just the place to go now. No one has to travel all over the county with white cowboy hats anymore."

Heater, who also led the Northwest

Farwest in the 1970s saw its fair share of Chia Pets and polyester slacks.



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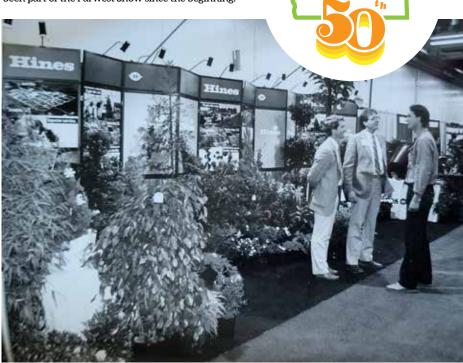
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kelsey.dean@trlcompany.com P 503.951.3929 Hines Nursery and its successor, Everde Growers, have been part of the Farwest Show since the beginning.



Agricultural Show for many years, remembers driving the 50 miles or so to get to Portland from his seven-generation farm. It wasn't fun for a farm boy.

"It was a challenge at times, but an awful lot of fun," Heater said. "I was working with this group of nurserymen who were smart people. They'd been around the world. They guided as much as I did. Most of them are now good friends. That was one of the best parts."

Pat Hughes, Northwest director of independent garden center sales for **Everde Growers**, started working the show in 1995 when he was with **Hines Growers**, which was purchased by Everde in 2018. Today, Everde, with 15 farms in Oregon, Florida, Texas and California, is licensed to grow First Editions, Bloomin' Easy, Proven Winners, Encore Azaleas and Bushel and Berry.

"Farwest is part of the DNA of Everde," said Hughes, who wore a sports jacket and tie before fashions changed and formality went by the wayside. Nowadays, it's polo shirts. "We call it 'old home week.' It's like the red carpet at the Oscars when they ask, 'Who are you wearing?' We do the same thing, but it's 'Who are you with now?' You look at their badge to see if they've moved to another company. There's a lot of hugging and handshakes going on. There's such great value in renewing relationships and keeping them strong. All the people you know in the industry — customers and peers — are at the show."

FARWES

How it's going

Education was and still is an important part of the Farwest Show experience, according to Shane Brockshus, chief operating officer for **Bailey Nurseries**, the Minnesotabased grower with extensive operations in Oregon and another farm in Washington. In 2018, Bailey purchased **Carlton Plants LLC**, one of eight exhibitors who have had a footprint at Farwest since the very first show.

Whether it's looking for improvements and innovations, checking out how others do business, or visiting the New Varieties Showcase and New Products Showcase, where nurseries and businesses introduce new plants or products to the green industry market, the Farwest Show offers much in the way of knowledge.

Not least in learning opportunities is Farwest's educational sessions, which Bailey's plant health employees attend for continuing education and certification.

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Farwest turns 50

keting and sales, writing orders is rare nowadays. Bailey, which sells more than a million trees, shrubs and container plants annually, once had employees sitting at tables with pen and order form in hand. Nowadays, Brockshus feels building relationships is more important. "With technology evolving, the business is becoming more automated," he said. "But a handshake is still worth a lot."

Bill Moyer is sales manager for **Briggs Nursery**, a pioneer in growing woody ornamentals, including top-of-the-line rhododendrons, *Kalmia* and unusual plants their customers can't find anywhere else. He thinks the show is still the best way to connect with current or potential customers.

"We may get a few orders, but attendees see what's new and that often inspires future sales," Moyers said. "Getting orders online doesn't offer the opportunity to make contact with customers. Now, Farwest is about customer service, rather than seeing how many orders are written."

A family affair

The hustle and bustle as exhibitors rushed around getting booths set up, not an uncomplicated proposition, was a formative part of childhood for Steve and Joe Gold, owners of **Gold Family Farms Inc.**, a thirdgeneration nursery in Hillsboro, Oregon, that specializes in containerized conifers, deciduous and evergreen trees, and shrubs and topiary. For years the nursery had two booths, and the boys would help build and break them down.

"It was a big thing for us kids; it was something we did with Dad," Steve Gold said. "I remember my dad would tell us what to get ready and we'd get it in the truck. He did the design, we helped set up and then we'd go to dinner. Just the kids with Dad. It was good family time."

Farwest was party time, too. Nurseries shuttled attendees from the Oregon Convention Center to nursery country for operational tours, food, drinks, merriment and, of course, plants.

Starting in 1996, J. Frank Schmidt & Son Co. celebrated its 50th anniversary by inviting Farwest attendees to a plant



50 and counting

Farwest Show exhibitors since 1973:

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Briggs Nursery

Gold Family Farms Inc.

Everde Growers (via Hines Growers Inc.)

Iseli Nursery

J. Frank Schmidt & Son Co.

Bailey Nurseries Inc. (via Carlton Plants LLC) Monrovia

Thank you for growing the Farwest Show into the biggest green industry trade show in the West!

Cheers to the next 50 years!

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Farwest turns 50

Farwest has always been the place to connect with fellow growers and to see the latest plant trends and fashions.

tour, dinner and dance for more than 500 guests. As the special event continued over the years, the Schmidt Arboretum became the place to network away from the Farwest trade show floor. But most of all, these parties were fun, with memorable themes like Augtoberfest and Fiesta Farwesta.

Susie Usrey, retired vice president of customer relations at **Monrovia Growers**, which grows more than 4,000 varieties, remembers many good times, too. People came to Monrovia's farm in Dayton, Oregon, for more fun. "It was just so good to see people you didn't see a lot. We would invite people to our house. We did a lot of that. It was pretty much our life, which was wonderful. I really miss it."

The future of Farwest

Starting in 2008, the Great Recession put a damper on the number of Farwest attendees and exhibitors. Then the COVID-



19 pandemic cancelled the show in 2020. But since coming back in 2021, Farwest continues to show its immeasurable value to the growth of the green industry.

For 2023, more than 300 exhibitors will converge on Portland, along with more than 4,000 attendees. Farwest is, like Hughes said, in Everde's DNA, and so it is in the other stalwart exhibitors (see sidebar, "50 and counting").

"It's our tradition. It always turns a profit for us," said Rick Anderson, president of **Anderson Pots** in Portland, Oregon, an innovative business that produced the first plastic nursery pot in 1957. The company has concentrated more on the nursery industry in the years since they showed up at the very first show..

"Businesswise it's still good, and it's something to carry on. We're part of the nursery industry and we need to support it. It's a very good show, still the biggest on the West Coast." C

Kym Pokorny is a garden writer with more than 20 years' experience writing for The Oregonian (Portland, Oregon) and other publications. She is currently a communications specialist with Oregon State University Extension Service.



Open season for open gardens



ISITING GARDENS is a great way to see how other gardeners use plants in unique combinations, and also for socializing with other gardeners. But probably my favorite reason to go is to see and learn about plants that are new to me.

Fortunately, the Hardy Plant Society of Oregon (HPSO) offers members like me the opportunity to visit gardens through its "Open Gardens" program (www.hardyplantsociety.org/opengardens). HPSO members provide access to their gardens so fellow members can stroll through and see new plants and unique plant combinations, view garden art and learn about new garden products, all while socializing with fellow gardeners. It is a delightful way to spend a day, as I did recently.

In mid-June, I visited the garden of Jeffrey Herbst and Marge Erwin. It was my first visit to see their garden, located along the Tualatin River in West Linn, Oregon. I was immediately impressed by the giant firs and cedars that formed the perimeter around the house and the garden. Jeff is a serious plant person with a passion for plants. He has created a true collector's garden.

As we toured the garden, Jeff told me about the plants and their history. I asked him about a tree that was unfamiliar to me and he identified it as a *Nothofagus antarctica*. For many years this tree was thought to be the southernmost-growing tree on earth. A native of southern Chile and Argentina, it was introduced to the United States in 1830. However, in 2019 another species, *N. betuloides*, was found growing farther south on the Chilean island of Hornos, which then became the southernmost-growing tree on earth.

The *N. antarctica* growing in Jeff's garden has an airy appearance. The glossy leaves are small, dark green with crinkly margins, and the trunk has small white ridges that look like small steps.

Since this is a relatively rare species of tree, I was surprised to see another *N. antarctica* during a different visit to the garden of Pat and Dave Eckerdt in Salem, Oregon. About 10 feet tall, the Eckerdts'



Mike Darcy

Head "plant nerd," longtime speaker, host of gardening shows on radio and TV, and author of the In the Garden email newsletter. You can reach Mike, or subscribe to his newsletter, at ITGMikeDarcy@Comcast.net.

Once thought to be the southernmost-growing tree on earth, *Nothofagus antarctica* grows very well right here in the Pacific Northwest, as Mike discovered during a recent visit to a local garden in Lake Oswego, Oregon. Native to Chile, South America, the tree grows to a mature height of 20–30 feet tall with an airy appearance. Small, dark green, glossy green leaves have crinkly margins, and a trunk with small white ridges that look like steps. PHOTOS BY DAVE ECKERDT

tree grows in an open area and has the same airy appearance as the one in Jeff's garden, which stands about 20 feet tall. Both appear to be growing well here in the Pacific Northwest, far from their native land.

As usually occurs, a visit to an open garden resulted in learning about a new plant, and also a lesson on the value of time.

Farwest is one big open garden

As a fan of open gardens, I'm reminded of the biggest open garden of them all — the annual Farwest Show. For me, Farwest has always been a place to discover new plant introductions and new garden products. It's also a wonderful opportunity to socialize with other green industry professionals. Plus, seminars keep me up to date on the latest industry information.

The Farwest Show turns 50 years old this year and it promises to be a grand celebration. So much has happened during these past 50 years in every aspect of the garden business, and that reflects in the actual structure of the event itself.

At last year's Farwest Show,

WHAT I'M HEARING

Remember the days of dialing "0" to talk to an operator for help looking up a phone number, making a collect call or dialing long-distance? Those days weren't so long ago, as this photo from the 2003 Farwest Show floor shows.

while walking down an aisle of cubicles, I thought back to the days of pay telephones. During past shows, these cubicles were used as telephone booths and they were all in use. Usually there was a line waiting to use the next available one. Today, those pay telephones are gone.

A few years ago, I was watching a movie with my 10-yearold grandson and there was a scene with a man in a phone booth. He asked me what it was, and what was that man doing? How times change! It's hard to believe pay telephones were once the most direct line of communication method for making sales on the Farwest Show floor. Now, cell phones rule!

There are many reasons why I've attended the Farwest Show for many years. For me, it is the plants — seeing the new introductions and the tried-and-true favorites in person. There is really no better way to stay current than seeing plant varieties up close.

The Farwest Show connects the greater growing community. Gardeners are always looking for something new, and the Farwest Show is the place where garden centers can learn about the latest plants plant buyers will be asking for. Perhaps, a *Nothofagus betuloides*!

Of course, the garden centers of today do not look or oper-



ate like the garden centers of 50 years ago. Hopefully, the one constant from yesterday to today is customer service. Gardeners appreciate that social connection, now more than ever.

Whether small like HPSO or big like Farwest, open gardens offer the opportunity to make these vital connections.

Enjoy the Farwest Show and learn about a new plant! O



Hinoki cypress is hotter than ever for use in modern landscapes

Hinoki cypress fits well in small modern landscapes and residential urban gardens. PHOTO BY PETER SZYMCZAK



Scan QR code to connect with 19 nurseries that carry *Chamaecyparis obtusa* 'Nana Gracilis'



BY EMILY LINDBLOM

N JAPANESE, Hinoki literally translates to "fire tree." Like its namesake, Hinoki cypress (*Chamaecyparis obtusa*) lights up the landscape. An evergreen conifer with an upright form that resembles a burning fire, Hinoki has a slow growth habit that fits well in small landscapes, including residential gardens.

Kevin Borts, nursery manager at **Bizon Nursery Company** in Hubbard, Oregon, said the market for Hinoki is hot. Over the years, he's seen demand for them increase as homeowners and landscapers look for plants that will fit into tight spots — and shine.

"Today in most residential neighborhoods, houses have a smaller footprint with not much of a yard, so the plants used have to go vertical or stay smaller in growth habit to utilize the space better," Borts said. "Hinoki works well."

While some varieties can grow 40 to 75 feet tall, the nurseries offering Hinoki cypress for residential landscaping tend to carry smaller cultivars. Bizon, a wholesale grower of primarily evergreens, sells about

Hinoki cypress

Chamaecyparis obtusa 'Chirimen' PHOTO COURTESY CONIFER KINGDOM

30 different cultivars of *C. obtusa* to other wholesale nurseries and garden centers.

Iseli Nursery, a wholesale grower in Boring, Oregon, grows 27 cultivars of Hinoki cypress, ranging significantly in color, habit and growth rate, but all categorized for hardiness zone 5.

Jock Demme, sales manager at Iseli, said growth rate preference for landscaping is predicated on the size of the garden and the architectural function desired.

"Hinoki cypress range in size from the very dwarf to fairly fast-growing tree forms," Demme said. "The most popular in the garden center trades are the slowgrowing and intermediate-growing clones, in either dark green or gold variegated."

Size matters

Rare Tree Nursery, a grower based in Silverton, Oregon, specializes in conifers. They process thousands of orders of Hinoki cypress every year, many of which are sold directly to homeowners for use in their gardens through a direct-to-consumer website, **ConiferKingdom.com**.

Larry Stanley of Rare Tree said that customers should know the difference between miniature and dwarf varieties. A miniature variety will grow less than one inch per year, reaching about 2 feet tall after 10 years. A dwarf variety could grow between 1 to 6 inches per year, and reach 5 feet tall in 10 years. "I can list 40 of them that don't get bigger than 2 feet for 20 years," Stanley said.

Linda Hannan, owner of Linda Hannan Garden Design in Portland, has been using *Chamaecyparis* extensively in her garden design projects for more than 35 years. While she uses different varieties of the genus, she usually chooses *C. obtusa* (Hinoki cypress).

"Most of the time when we're placing plants, we use *Chamaecyparis obtusa*, which really gives the Hinoki look that so many people like. We use them because they last," Hannan said. "For our client's gardens, we want hardcore survivors that are not going to die. They're expensive shrubs, so I don't want to put something in that's not going to make it."



Scan QR code to view plant listing on NurseryGuide.com Chamaecyparis obtusa 'Fernspray Gold' PHOTO COURTESY ISELI NURSERY



Scan QR code to connect with 8 nurseries that carry this plant

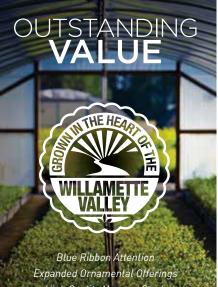


Hannan designs residential gardens and has done some commercial work as well as public gardens.

"*Chamaecyparis* can come in any size you want, they're evergreen and textural plants and people love Hinoki cypress," Hannan said. "Even if they didn't know about them before we started, they love them after that, and I have several in my own garden."

Demme said Iseli Nursery meets a steady demand for Hinoki cypress in retail garden centers and re-wholesale firms in the U.S. and Canada.

"They are a very popular landscape plant and frequently requested by home gardeners and garden designers and landscape architects," Demme said. "They are also fairly able to reproduce 'true to type,' so good populations of reliable plants are generally available to the trades."



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Hinoki cypress

Chamaecyparis obtusa PHOTO COURTESY BOUNTIFUL FARMS

Popular selections

Stanley said Rare Tree Nursery has several miniatures available, including the bun-shaped variety known as 'Green Cushion'.

"At 20 years old, it will be 20 inches across and 8 inches high, like a wheel on its side," Stanley said. "It's rare but we have some gallon cans out there now."

Before joining Rare Tree Nursery, Stanley sold many different cultivars of Hinoki cypress through his own business, Stanley and Sons Nursery. One of the dwarf cultivars that caught Stanley's attention in the 1990s is called 'Chirimen' (*C. obtusa* 'Chirimen'), referring to the silk fabric that kimonos are made of in Japan.

"It grows straight up but all its needles are crushed around the stem, so it doesn't take up much room," Stanley said. "I had the first three that came to America and



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Chamaecyparis obtusa 'Hage' PHOTO COURTESY RARE TREE NURSERY



Scan QR code to connect with 2 nurseries that carry this plant



after 20 years they were 4 to 5 feet tall."

One popular cultivar today is 'Kosteri', a dwarf variety that grows 4 to 6 inches per year. Stanley said it has beautiful netting in its fans that fill out the space around it.

Another is 'Fernspray Gold', which has a fern-like appearance with juvenile foliage growing on top of adult foliage.

But perhaps the most commonly grown variety is 'Nana Gracilis'. "It is a dwarf but I've had them grow to 65 years old at my place and it's over the eves of my house," Stanley said. He noted that its dark green color and medium growth habit have made 'Nana Gracilis' a mainstay at just about every garden center and is always a crowd pleaser.

Borts said Bizon Nursery's top sellers are 'Nana Gracilis', the yellow-green 'Verdoni', and the ornamental mid-



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Hinoki cypress

Chamaecyparis obtusa 'Green Cushion' PHOTO COURTESY RARE TREE NURSERY

size Hinoki called the 'Wells Special', which can be used as a focal point.

"The 'Wells Special' I grow are great for landscaping and are great foundationtype plants," Borts said. "They set the scene for everything else."

Some of the dwarf cultivars can be popular for bonsai as well. Rare Tree Nursery occasionally sells bonsai that have been pre-started over a year or two with wire or have the limbs cut so customers can follow the pattern to continue the practice themselves. The distinct platform limbs of the 'Reis Dwarf' cultivar can be precisely tiered in bonsai work.

Slow and low

While the demand for *C. obtusa* remains high, Hannan said she's seen a change in supply since the pandemic. "Most shrubs are much less available than





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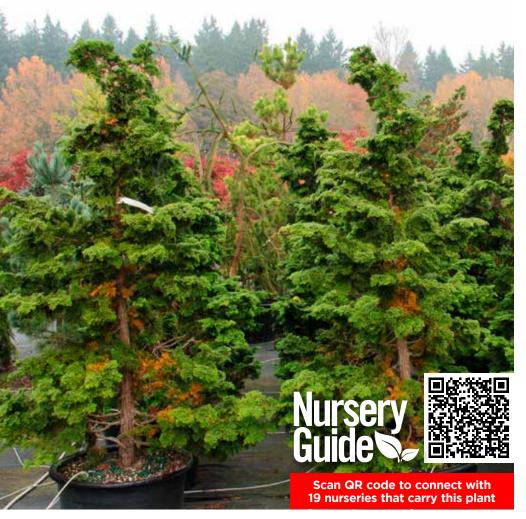
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Chamaecyparis obtusa 'Nana Gracilis' PHOTO COURTESY RARE TREE NURSERY

they were," she said. Even before COVID-19 and the supply chain issues that followed, nurseries had already been through a difficult time of low availability.

"During the 2008 financial crisis we lost hundreds of nurseries," Hannan said "The selection since then has been much more difficult with every kind of plant."

Besides lack of availability, another consideration, according to Stanley, is for homeowners to know when choosing Hinoki cypress for their landscaping how much the plant is expected to grow per year. "It's about knowing your space and how long you want to have it there and how to plant for the area," Stanley said.

'Nana Lutea' is an excellent understory plant that can tolerate shade very well, but other cultivars, like 'Verdoni', prefer to grow in full sun. Demme said most of the green cultivars grow well in full







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sun, while the yellow and gold selections prefer morning sun with afternoon filtered light or shade.

Landscaping considerations

With origins from east Asia, the Hinoki cypress is a staple of traditional Japanese gardens. It has become popular in the United States in USDA hardiness zones 5–8. While a majority of Hinoki go to the East Coast (zone 6), from Ohio to New Jersey, the prime states for growing Hinoki are Oregon and Washington.

"This is the best place for them," Borts said. "They need rainfall and nighttime temperatures to dip down."

Borts added that all the Hinoki cypress cultivars work well in a Northwest landscape, but their success still depends on the placement of the tree and the exposure it will get. When choosing which cultivar to plant, a landscaper needs to consider whether a shorter shrub or something with more height would make sense in the space.

Since Hannan designs residential areas, she works in all sizes of gardens, some huge and some that she referred to as "pocket gardens."

"You pick your plant according to size," she said. "Some you would never put into a small garden but some of the smaller plants you would put multiple in a large garden."

Hannan said the specific cultivars she chooses to use depend on the conditions of sunlight, shade, moisture in the soil, and shape of each garden she works with.

"Every garden design is completely unique," Hannan said. 🕑

Emily Lindblom is an Oregon-based freelance journalist covering business, environmental and agricultural news. She has a background in community reporting and a master's degree in multimedia journalism. Visit her website at EmilyLindblom.com or reach her at Emily@EmilyLindblom.com. Ice adorns a fountain in Charleston, South Carolina, on December 24, 2022, when a winter storm blanketed much of the Southeast United States with frigid temperatures, fierce winds and snow as far south as Atlanta, Georgia.

PHOTO COURTESY PHYS.ORG

The (not so) big chill

Plant sales have cooled off since the highs of the COVID era, but 2023 is shaping up strongly so far for the green industry

BY JON BELL

T GOT COLD in Atlanta this past winter. One day in December, the mercury topped out at a frigid 7 degrees.

"I can't ever remember a single-digit day since I moved here in 1989," said Danny Summers, managing director for The Garden Center Group (**www.TheGardenCenterGroup.com**), an alliance of garden centers, service providers and vendors that works together on business solutions designed to help garden centers improve operations. "It was a horrendous December."

That Atlanta chill would cast a cool shadow well into the spring all across the country. The spring months were wet and cold, giving nurseries and

growers a bit of a slower, longer start to the growing season. With that came a little worry that 2023 might be the year that the boom of the prior three years might finally taper off. But while there has been some softening since the height of the stay-at-home-and-garden-because-of-COVID trend, 2023 is turning out to be another solid year for nurseries. Inflation has tapered a bit, prices remain solid, housing is holding, and high shipping costs and supply chain slowdowns have eased up. Nurseries are being a little more conservative lest they get burned like they did during the Great Recession, but overall, there is optimism on the outlook for 2023.

"The nursery industry is in a really healthy spot right now. Nurseries are being cautious and really smart about the economic outlook for the next couple years," said Todd Hatley, a relationship manager at **AgWest Farm Credit**, an agricultural lending cooperative serving farmers, growers and other related businesses in the West.

Loosening up

As anyone in the industry knows, nurseries fared well during the COVID years, fueled by record sales as people stayed close to home, tended to their landscapes and delved into gardening.

According to The Garden Media Group, more than 18.5 million new gardeners gave it a go during the pandemic. As people returned to work and their more normal lives, that phenomenon dropped off some, but sales remained strong.

Danny Summers

Here in Oregon, nurseries rode that wave as well. In 2022, nursery sales hit nearly \$1.4 billion, topping the list of the state's agricultural commodities. That happened even though inflation was at a record high, fuel and shipping prices were soaring, and global supply chains were backed up.

Now, some of those challenges have loosened, making the way at least a little smoother for growers here.

"We are actually going to be up from last year a little bit," said Tom Fessler, owner of **Woodburn Nursery & Azaleas** Inc., an azalea and nursery stock production operation in Woodburn, Oregon. "We've increased production of some key items, and we ship throughout the U.S., so the diversity helps spread that out for us."

Continue reading on page 32 ≫





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The (not so) big chill

Leveling off

Retailers and garden centers are off to a decent start this year as well. According to Summers, retail sales among the more than 120 centers in The Garden Center Group were up just over 2% year to date in mid-June over the same time period last year. The Gulf Coast region was up more than 6%, the Mid-Atlantic was up almost 5%, and Ohio was up nearly 8%. Here in the Northwest, sales were up less than 3%. "I think we'd be up more overall if it wasn't for you guys in the West," Summers said. "You had such a late winter, tons of rain, tons of snow. I was talking to someone in Colorado who said they had so much snow that the aquifer where they are has enough to last three years. It's just been a tough spring for the industry out West."

Summers added that, contrary to 2022, sales transaction counts are up in 2023 while average sales prices are down, likely

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the result of easing inflation and other factors. "Most of the inflationary effects on pricing really happened either in late 2021 or into 2022," Summers said, "but that, along with fuel pricing and importing costs ... much of it has leveled off now."

Housing help

The strong sales so far in 2023 are being helped by the lingering effects of the COVID lockdowns. However, as he noted in his "2023 Outlook for the Green Industry," Charlie Hall, professor and Ellison Chair in International Floriculture at Texas A&M University, is unsure just how much longer that might last. One question he cannot answer, Hall wrote, is "whether or not consumers will continue to spend on lawn and garden products and services at the same elevated rate as they have during the pandemic."

"Historically, their consumption has retreated back to trend levels as the industry has not been successful in retaining many of the new consumers that engaged in gardening and landscaping when they stayed at home more during periods of downturns (or now pandemics)," Hall wrote. He also noted that supply chains impacting the industry have been improving and should be

2023 Outlook for the Green Industry

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www.FarmCreditEast.com/en/ Resources/Industry-Trends-and-Outlooks/Reports/20230201KEP_ GreenIndustryOutlook



"functioning closer to normal by late 2023."

While not nearly booming, the housing market has also been fairly good for nurseries. According to the National Association of Homebuilders, a lack of existing inventory and stabilizing mortgage rates helped drive single-family home production up to its highest point of 2023 in April. That month, housing starts were up about 2% over the same time in 2022 and on pace to hit 1.4 million starts this year. While still an increase, the association did note that the overall number of starts for 2023 is expected to be 28% lower than 2022.

Even so, other signs of housing strength are showing in the multifamily sector and in home remodeling, both of which can help drive demand for nursery products.

From a higher level, Summers said Millennials continue to impact the nursery industry as well. Not only are they buying or building homes in both urban and rural areas, but they are getting into gardening as part of their overall lifestyles.



The (not so) big chill

"They are more bought-into nature and organics and recycling than the Boomers ever were," Summers said. "The Millennials are more truly built around our customer profile."

Costs and caution

Looking out over the rest of 2023, nurseries can probably expect more of the same: some easing of demand compared to past years but steady sales in the near term.

Fessler said he is concerned about interest rates remaining high, and also new regulations in Oregon. Among the latter are new rules that require employers to provide workers with more breaks and access to shade during hot weather, which adds time and money to a nursery's operations. Additionally, a new Oregon law will phase in overtime limits so that employers must pay overtime to farmworkers who work more than 55 hours a week. That limit will drop to 40 hours per week in 2027.

"That's going to cost us more money,"

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Fessler said, "and so our costs are going to go up. Our pricing isn't built for that."

One thing that's not likely to happen amidst the continuing strength for nurseries — overconfidence that leads to a collapse like the one that happened in 2008. Then, nurseries were overproducing to keep up with demand from the housing market tidal wave. When that crashed, many nurseries did too.

"A lot of them were expanding pretty heavily and things went south in 2008," Hatley said. "There were a lot of burn piles back in those days."

This time around, however, nurseries are being more cautious. Hatley said nurseries seem to be holding on to their profits and not over-investing in expansions or large capital projects. They're maintaining their lines of credit but not using them and otherwise being mindful about the present and the future.

"I think the industry is very cognizant about the fact that we have come through some really, really good years," Hatley said. "They're being smart about planning so that they can continue to have healthy operations in the future." 🕑

Jon Bell is an Oregon freelance journalist who writes about everything from Mt. Hood and craft beer to real estate. His website is **www.JBellInk.com**.

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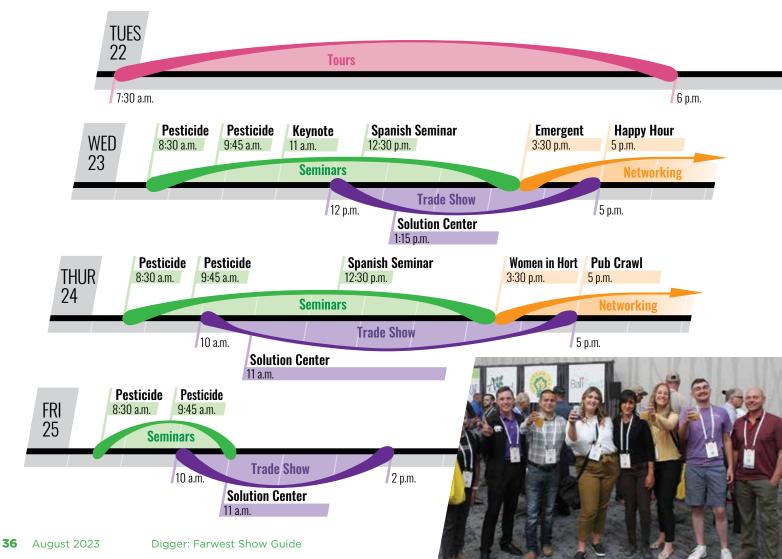
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refreshments and a display garden tour. Smaller groups will then tour various sections of

the farm with presentations from lead growers along the way, including their new integrated irrigation. Stop 2 takes us to **Fisher Farms**, which specializes in woody shrubs offering more than 700 varieties of plants. Next, Everde Growers will host lunch, a new plant presentation, a display garden tour and a nursery tour. From there, we'll visit **Blooming Nursery**, where 2,200 varieties of perennials, flowering shrubs, herbs and more are grown. The grand finale takes us to 350-acre Eshraghi **Nursery** for a tour and finally, a Happy Hour reception to enjoy beverages and light appetizers. The day will not disappoint!

TOUR 2: Garden Center Retail Tour

This tour will visit six garden centers, where you'll collect ideas on merchandising, design, store layout and business leadership. We'll begin at Garden Fever!,

a neighborhood nursery offering plants, tools, soil and more with an emphasis on sustainable gardening practices. Next is Hughes Water Gardens, one of the region's premier water garden centers where visitors can learn about water plants, fountains, fish and more. At Dennis' 7 Dees Urban Plant Shop, we'll get creative ideas on small spaces, decorative containers and plant-related gift items. Then we'll visit fifth-generation **Cornell Farm** for lunch and a tour. The day will end with two nurseries on Sauvie Island along the Columbia River: **Cistus Design** will walk us through their remarkable retail, growing and research facilities, and Sauvie Island Native Plants will highlight their plant propagation station, explaining how they make bocashi and biochar to boost plant health.

KEYNOTE ADDRESS: KATIE TAMONY

WEDNESDAY, AUGUST 23, 11am in Room C123

FREE to all registered Farwest participants



Monrovia Chief Marketing Officer Katie **Tamony** will share techniques and ways of leading and innovating with fresh perspective in her keynote address -"How to See Differently."

With more than 25 years of expertise in the lifestyle, leisure and horticulture industries, Katie has been tracking trends to help companies prepare

for the future since her days as editor-in-chief of Sunset Magazine and Sunset Books, the

Sponsored by:

premier authority on lifestyle and gardening in the West. Today, Katie leads Monrovia's marketing team, using her intuitive sense of what drives consumer lifestyle interests and their relationships to brands.

GROWERTALKS PROFIT

"Many of us have spent years in our industry, and it's easy to forget what it's like not to know what we know," Katie said. "It's also natural to fall into habits of seeing problems and patterns a certain way. But holding a 'beginner's mindset' can help us solve problems more effectively, adapt to change more easily, and actually create more original ideas. So how do we change our perspective and see things with fresh eyes? Looking at the familiar in an unfamiliar way can help us be better leaders and refresh our teams and our approach to our business. Using examples from throughout a career where I have been forced to be a 'beginner' operating at a high level."

MORE SHOW INFORMATION

Show at a Glance	
Farwest Show Map	40-41
Social and Networking Events	
Seminars at a Glance	45-46
Solution Center	
Portland Dining and Lodging	50-52
Exhibitors by Product	54-57
Exhibitors by Alphabetical Order	58-71
New Products Showcase	73-75

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NEW VARIETIES SHOWCASE

See the best and newest plants for 2023

Come explore the next generation of problem-solving plants that are sure to turn heads in garden centers across the nation! This popular show feature gives you the first look at a wide variety of newly



introduced plants, trees, shrubs and grasses gardeners will be unable to resist. With easy-to-read Hip Labels tags providing plant and licensed grower information, you will have no problem finding the Farwest exhibitors offering them for sale. A panel of distinguished industry judges will select the New Varieties Showcase Best in Show award winners. Meanwhile, attendees can vote for their top three plants, which will determine the People's Choice awards. Don't forget to walk through and vote for your favorites!

NEW PRODUCTS SHOWCASE

making their debut at the Farwest Show!

Inspiring products to improve your business Sponsored by:

Discover innovative solutions and the latest new or improved green industry products for 2023. From brand-new retail hard goods to advanced grower applications and



landscape improvements, you will find hot new products to grow your green industry business. These featured products are new to the U.S. market, and introduced in either 2021 or 2022. Some are even

RETAILERS' CHOICE AWARDS by THE GARDEN CENTER GROUP

RETAILERS' CHOICE AWARDS

Calling all trendsetters!

Take part in a journey to uncover hidden treasures as you scour the Farwest Show in search of unique and innovative plants and products with the potential to become best sellers in the garden center!



Sponsored by The Garden Center Group and hosted by Danny Summers, managing director.

Participating in this talent-scouting mission is easy and fun! Here's how:

1. Participating retailers must pre-register. Go to the Farwest website (www.FarwestShow.com) and click Show Features to access the Retailers' Choice Awards registration link to participate in the judging.

2. Wednesday, August 23, Noon: Meet Danny Summers at the show registration area in Lobby C under the Dragon Boat to receive your guidelines and nominating form.

3. Walk the show floor at your pace! Make note of what catches your eye and what you think your customers will love.

4. Reconvene with Danny at 5pm in Room A103: Turn in your nominations, compare notes with your fellow retailers and select the winners.

5. Thursday, August 24, 2:45pm: Danny will announce the winners at the Solution Center stage at the end of aisle 10000 on the trade show floor.

Our awards presentation on Thursday afternoon will recognize products deserving special recognition for their vision, new products retailers plan to add to their inventory and products/services with a new approach to an old formula. You won't want to miss it!

PIETIES SH RODUCTS SA

f 💓 🔽

Show Map

OREGON CONVENTION CENTER



nter

First Aid



LOADING DOCK



N.E. MARTIN LUTHER KING JR. BLVD (STREETCAR)





Protecting You, Your Business And Your Employees



Employee Benefits

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- Dental
- Voluntary Life and Disability

Personal

• Auto

- Home
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Leonard Adams Insurance is here to help you understand your insurance options. Whether you're taking advantage of the OAN's group health insurance program or need solutions to the unique needs of agricultural operations, we can be your guide.

Leonard Adams Insurance, a local, 4th generation, family-owned independent insurance agency in business for 90 years, offers comprehensive insurance options for all sizes of nursery operations. We represent many insurance carriers, enabling us to create a customized program for you and your business. Through the **OAN** Health Insurance program you and your employees will have access to Providence Health Plans, offering coverage at an affordable premium. Let our service and consultative approach work for you.

To receive information and a free quote, call or e-mail:

Randy Skinner or Victoria Monteblanco

Leonard Adams Insurance 503-296-0077 or toll free 866-907-1850 randys@lacoinsurance.com, victoriam@lacoinsurance.com www.lacoinsurance.com Health Plan

Don't miss these FREE Events. You're invited!

EMERGENT NETWORKING EVENT

WEDNESDAY, AUGUST 23, 3:30-5 p.m., Lobby A

Support our industry's Emergents!

Join us for this free event open to all horticulture professionals. Enjoy free appetizers and a complimentary beverage as you mingle with the brightest and most enthusiastic faces in the green industry - our future leaders. Emergent began in 2011 with a handful of eager and talented horticulture professionals and continues to expand year after year.

The conversation continues where it began on the Facebook group, Emergent: A Group for Growing Professionals. Check out the ever-expanding community of more than 5,000 horticulture professionals sharing information, job postings and inspiring ways we can build the future of the industry.

WOMEN IN HORTICULTURE

THURSDAY, AUGUST 25, 3:30-5 p.m., Lobby A

Join us as we celebrate over 10 years of connecting women in the green industry! Sponsored by:

This is an inclusive event and any advocate for women in horticulture is welcome, regardless of gender!



Wear your support for Women in Hort

Back by popular demand, this year's Women in Horticulture shirt is available for purchase via Bonfire, All proceeds will help provide

for this year's event.

shirts at

Find details to purchase Women in Horticulture

farwestshow.com/event/ women-in-horticulture/

Since its inception in 2010, the Women in Horticulture networking event at Farwest has been a place for women to share their experiences, build connections and strengthen career skills. Together, we can build a strong support network for women across the green industry!



Other styles and colors available.

HAPPY HOUR — 50[™] **CELEBRATION PARTY**

WEDNESDAY, AUGUST 23, 5-7pm, Lobby A

Let's have a party! Join us to celebrate 50 years of good times! Come to party central to enjoy delicious beverages and free appetizers as you mix and mingle with friends and colleagues to celebrate this great show. Farwest exhibitor booth Ball Seed. awards will also be announced during Happy Hour festivities, including the winner of Best of Show! Open to all



PUB CRAWL

THURSDAY, AUGUST 24, 5pm-Late Night, starting at Spirit of 77

Let's hit the town! Socialize and network with new and old friends while snacking and relaxing. Join us on our Farwest Pub Crawl for a



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SON

anced

Ornamentals

fun-filled night of laughter and witty banter. The merriment starts at Spirit of 77 (500 N.E. Martin Luther King Jr. Blvd., Portland), just a short journey across the street from the Convention Center, where light appetizers will be provided. The first 50 people to Spirit of 77 will receive a complimentary beverage. See Farwest website for the next stop of the evening. This lively event is not to be missed and is open to all Farwest participants! .

5pm Spirit of 77 500 N.E. Martin Luther King Jr Blvd., Portland





Disease Control Tools



- EXCELLENT CONTROL OF WATER MOLD DISEASES (PYTHIUM, PHYTOPHTHORA, DOWNY MILDEW)
- UPWARD SYSTEMIC MOVEMENT
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- CONTROLS EGGS, LARVAE, NYMPHS WHILE FEMALES STOP
- **/** PRODUCING VIABLE EGGS
- EFFECTIVE ON TETRANYCHID FAMILY
- TRANSLAMINAR MOVEMENT AND EXTENDED RESIDUAL
- SOFT ON BENEFICIALS



- EXCELLENT BROAD SPECTRUM CONTROL OF IMMATURE AND ADULT MITES
- CONTROLS POWDERY MILDEW IN GREENHOUSE, NURSERY, AND LANDSCAPE ORNAMENTALS
- EASY TO MEASURE AND MIX LIQUID SC FORMULATION

FOR MORE INFORMATION CONTACT **DAVE BURKHARDT** 928.446.9928 | DBURKHARDT@GOWANCO.COM

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- CONTROLS MITES, WHITEFLY, THRIPS AND MEALYBUGS
- COMPATIBLE FOR USE WITH OR AROUND BENEFICIAL INSECTS
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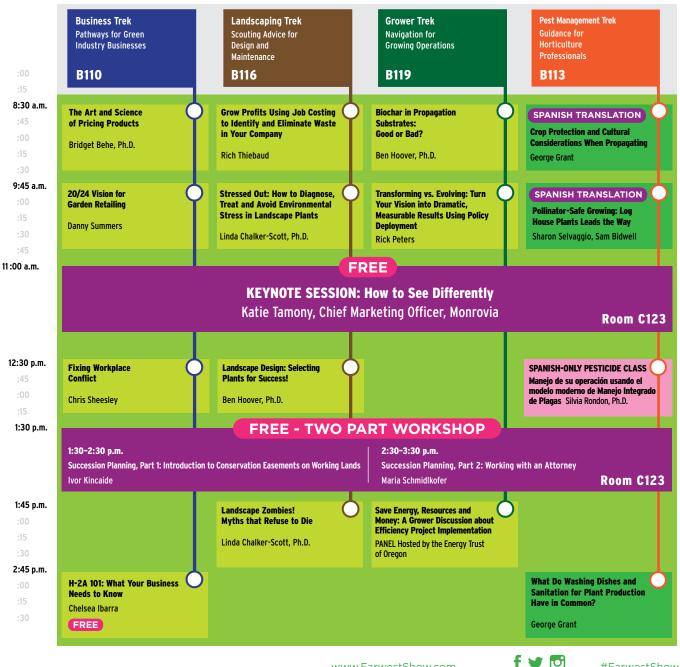
Seminars at a Clance

EDUCATION SEMINARS. PESTICIDE CLASSES AND FEATURED SPEAKERS

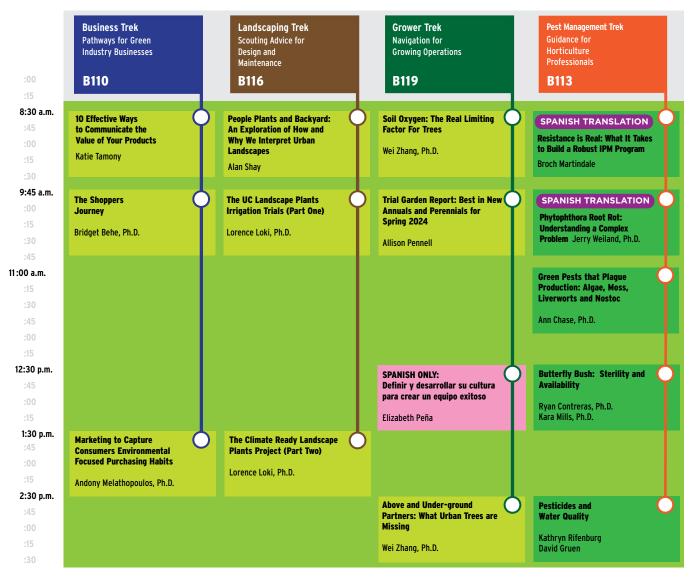
Advance your career by registering for the Farwest Show's industry-focused seminars! We have put together an extraordinary schedule of new and in-demand speakers to share the latest developments and business opportunities for growers, retailers, landscapers and business professionals. Ticket holders will hear directly from the thought leaders in our network who are coming up with creative business innovations, launching new technologies, and sharing their solutions for fixing our most significant business concerns.

Find session descriptions in the Farwest Planning Guide available at the Farwest Resource Center (Aisles 13000-14000 at the center of the show floor). You can find out even more at www.FarwestShow.com.

WEDNESDAY SEMINARS SMark your schedule

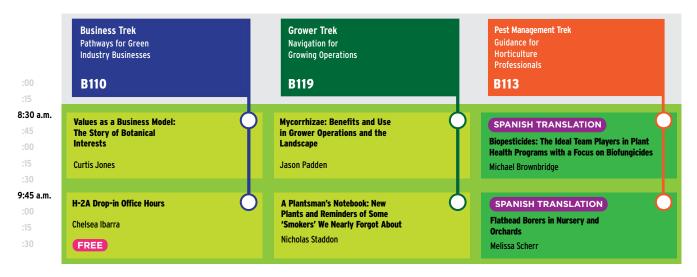


THURSDAY SEMINARS SMark your daily plans!



FRIDAY SEMINARS

Mark your daily plans!



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Solution Center

WEDNESDAY, AUGUST 23 - FRIDAY, AUGUST 25

THESE FREE MINI-SESSIONS ARE INCLUDED WITH YOUR TRADE SHOW PASS.

Sponsored by





Throughout the expo hours each day of the Farwest Show, you can attend free live mini-sessions, demos and workshops from top industry speakers and experts. Find the answers you need to a wide range of topics designed to help you grow and improve your operation. These sessions compliment the main education program and pesticide classes, so make sure to find the topics especially relevant to you and gather quick insight that's conveniently located on the show floor!

Located on the show floor at the end of aisle 10000.

Mark your daily plans!

Wednesday, August 23	Thursday, August 24	Friday, August 25
	Prune Clematis Like a Pro! Pruning Demo Linda Beutler	Pollinators of the Rogerson Clematis Garden Linda Beutler
	Indoor Gardening:	Discover the 50% Off Solar Project
	The Hottest in Lawn and Garden Retail Joe Farinacci	USDA REAP Grant Program Zachary Peek
	Topiary with Bountiful	Reduce the Cost of Spraying
	Farms Nursery Inc. Todd Nelson	Your Nursery Timothy Schaal
Profiting With Integrated Pest	Profiting With Integrated Pest	
Management (IPM) Mary Choate	Management (IPM) Mary Choate	
Make Signs People Will Read	Foth Calabration	
Bridget Behe, Ph.D.	50th Celebration Ceremony	
Pruning/Topiary Demo	Retailers' Choice Awards	
Bountiful Farms	Danny Summers	
0		
	www.FarwestShow.com	f 🎔 🖸 🛛 #Fal

Experience Portland Dining and Hotels

August is the perfect time of year to dine around Portland. Not only is the Farwest Show in full gear, but all the best summer produce is at its peak of ripeness.

Portland's dining scene has it all, from familiar comfort food classics to exotic cuisines from around the world. What unites the city's best menus is a passion for locally grown, seasonal ingredients.

Following is a sampling of some of our favorite restaurants in Portland's close-in neighborhoods. Most are located within a 15-minute walk, car or bus ride from the Oregon Convention Center. So after a long day touring Nursery Country and making new connections on the show floor, pull up a seat and get down to business satisfying your hunger and thirst.

For more dining recommendations, log on to www.TravelPortland.com or www.TravelOregon.com.

CONVENTION CENTER AND VICINITY

BAO BAO

545 NE Couch Street;503-477-8911 **www.BaoBaoPDX.com** Authentic Chinese comfort food — steam bao buns, soup, noodles and dumplings.

LITTLE BIG BURGER

787 NE Holladay St.; 503-477-6829 **www.LittleBigBurger.com** With several locations around town, you're never far from burgers and truffle fries.

METROPOLITAN TAVERN

1021 NE Grand Ave., Suite 600 503-963-3600 **www.MetTavern.com** Upscale brasserie and bar atop the Hotel Eastlund with a sweeping view of downtown.

NOBLE ROT

1111 East Burnside Street, Fourth Floor, 503-233-1999 **www.NobleRotPDX.com** Panoramic city views and farm-to-table

Panoramic city views and farm-to-table plates featuring seasonal, local ingredients.

NORTH PORTLAND

EEM

3808 N Williams Ave., #127 971-295-1645 **www.EemPDX.com** Acclaimed Thai barbecue joint popular for curries, fried rice and tropical drinks.



Enoteca Nostrana is a wine bar next door to iconic Italian eatery Nostrana in Southeast Portland's Central Eastside District. Opened in 2018, this bright space boasts a two-story glass wine cellar, regional Italian dishes, full bar and Italian and Iocal beers. Photo by NashCo Photography, Travel Portland

¿POR QUE NO?

3524 N Mississippi Ave. 503-467-4149 **www.PorQueNoTacos.com** There's always a line, but this taqueria is worth the wait for tasty Mexican fare featuring local produce and meats.

EASTSIDE

LAURELHURST MARKET

3155 E Burnside St. 503-206-3097 **www.LaurelhurstMarket.com** Steaks, house-cured meats and craft beverages on Burnside Street (across from Music Millennium for the vinyl lovers out there).

NOSTRANA

1401 SE Morrison St. #101 503-234-2427 **www.Nostrana.com** Chef Cathy Whims serves robust salads, bowls of pasta and wood-fired oven pizza you cut with scissors, the Italian way.

SCREEN DOOR

2337 E Burnside St. 503-542-0880 www.ScreenDoorRestaurant.com Diners queue up for dinner and weekend brunches featuring country-style buttermilk-fried chicken and substantial vegetables sides .

DOWNTOWN

DEPARTURE

525 SW Morrison St., 15th floor 503-802-5370

www.DeparturePortland.com

Stylish restaurant and bar atop the Nines Hotel in the heart of downtown with a rooftop deck overlooking Pioneer Square.

ELENI'S PHILOXENIA

112 NW 9th Avenue 503-227-2158 **www.ElenisRestaurant.com** Greek classics like grape leaves, saganaki, moussaka, lamb and seafood, paired with ouzo and wine.

MOTHER'S BISTRO

121 SW 3rd Ave. 503-464-1122 **www.MothersBistro.com** Love your mother! Bustling breakfast bistro and bar with homey décor and chandeliers specializing in hearty comfort-food classics.

PINE STREET MARKET

126 SW 2nd Ave. www.PineStreetPDX.com Food hall with communal seating and vendors serving everything from ramen, Mexican and donuts to a curated selection of beers on tap and cocktails.

NORTHWEST PORTLAND

DESCHUTES BREWERY PORTLAND PUBLIC HOUSE

210 NW 11th Ave. 503-296-4906

www.DeschutesBrewery.com

Mecca for beer lovers in the Pearl District, plus seasonal and experimental ales available onsite only.

ELEPHANTS DELICATESSEN

115 NW 22nd Avenue, Portland, OR 97210 503-299-6304

www.ElephantsDeli.com Gourmet deli plus prepared foods and grab-and-go beverages with several locations around town.

PAPA HAYDN

701 NW 23rd Ave, Portland, OR 97210 503-228-7317

www.papahaydn.com

After window-shopping along "trendy third" avenue, stop in for a slice of homemade cake and more at this chic bistro and bar

PINE STATE BISCUITS

1717 NW 23rd Ave.; 971-407-3621 www.pinestatebiscuits.com Local chain serving a myriad of biscuits, cocktails, beer and other beverages for breakfast and lunch.

VANCOUVER WATERFRONT

WILDFIN AMERICAN GRILL

777 Waterfront Way #101 360-718-7701 www.WildFinAmericanGrill.com/ Vancouver/

Enjoy stunning views of the Columbia River from the patio or bar while enjoying fresh salads, salmon and specials featuring locally sourced ingredients.

TWIGS BISTRO AND MARTINI BAR

801 Waterfront Wy Suite 103, 360-726-4011

TwigsBistro.com/Vancouver Chic modern setting for sipping martinis and supping on flatbread pizzas, charcuterie boards and upscale tacos.

STACK 571

670 Waterfront Way 360-450-0774 Stack571.com/Vancouver/ Burgers and whiskey, beer and boozy shake bar open for lunch and dinner.

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Book at official Farwest host properties and enjoy exclusive perks:

- Discounted room rates
- Discounted or free parking

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NEW

Free TriMet passes

To book your hotel room at a discounted rate, please visit www.FarwestShow.com/Hotel, or call the hotels directly and mention the Farwest Show group rate or room block.

Hotels 1-4 are within walking distance of the Oregon Convention Center. For attendees wanting a scenic location just outside downtown Portland, the Holiday Inn-Columbia Riverfront, located right on the Columbia River 6.5 miles away from the Convention Center, is a great option, although you will have to shuttle yourself to and from the Convention Center.

1 HYATT REGENCY – Mention code: G-IPWZ

375 N.E. Holladay Street, Portland, OR 97232, 971-222-1234

2 COURTYARD by MARRIOTT

435 N.E. Wasco Street, Portland, OR 97232, 503-281-6111

3 DOUBLETREE HOTEL

1000 N.E. Multnomah Street, Portland, OR 97232, 800-445-8667

4 HOTEL EASTLUND NEW

1021 N.E. Grand Avenue, Portland, OR 97232, 503-235-2100

5 HOLIDAY INN PORTLAND (COLUMBIA RIVERFRONT) 909 N. Hayden Island Dr., Portland, OR 97217, 503-283-4466

Discounted rates can be reserved through August 2, 2023, subject to availability.



Nursery Guide.com

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PLANTS
COMPANIES
SERVICES & SUPPLIES

1 #13025 The Oregon Association of Nurseries' Nursery Guide is the most comprehensive wholesale buyers' guide in the industry, online and in print with over 6,500 copies. Find MILLIONS of plants from HUNDREDS of growers, plus THOUSANDS of services and supplies for the horticulture industry. Pick up your copy at the Farwest Show — August 23-25, 2023 in Portland, Oregon. For more information, visit **www.NurseryGuide.com.**



PRODUCTS BY CATEGORY

ANNUALS, PERENNIALS AND BULBS

A.D.R. Bulbs Inc.	
Ball Seed	
Company1	5025, 15027, 15029, 16026, 16028, 16030
DeVroomen Garden Product	s10045
F & B Farms	
Griffin	
Growing Colors	
Netherland Bulb Company	
Pacific Growers	
Smith Gardens Inc.	
ThinkPlants	
Walla Walla Nursery Co. Inc.	

ASSOCIATIONS AND NON-PROFITS

Chemeketa Community College -	
Horticulture Program	
Chicagoland Grows Inc	
Clackamas Community College	
Energy Trust of Oregon	14048
Flowers Canada Growers	
Great Plant Picks	
Grow West Coast Horticulture Trade Show	14013
Master Nursery Garden Centers	
Northwest Nursery Buyers Association (NNBA)	14008, 14010
OAN Affinity Programs	14020, 14022
Oregon Agricultural Trust	
Oregon Association of Nurseries13025, 130)27, 13029, 13031,
14026, 14028, 14030, 14032	
Oregon Department of Agriculture	
Oregon Dept. of Revenue	
Oregon Landscape Contractors Board	
Oregon State University Dept	
Oregon State University Dept.	
of Horticulture	
WA State Dept of Labor & Industries	10055
wafla	15030

BAMBOO AND ORNAMENTAL GRASSES

Bamboo Garden18	8014,	18016
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BOOTH

BENEFICIAL INSECTS

Beneficial Insectary	
Bioline Agrosciences	
Evergreen Growers	
Supply	

CHEMICALS

BASF Turf & Ornamentals	
BioSafe Systems LLC	
BioWorks Inc	
Bobbex Inc	
Corteva Agriscience	
Dip 'N Grow Inc	11045
Envu	
GardenCare Naturals LLC	16058
Gowan USA LLC	
Marrone Bio Innovations	
Nufarm Americas	14027, 14029
Nutrien Solutions	
OHP Inc	
Pace 49	
Syngenta	
Wilbur-Ellis Company	
	,

CHRISTMAS TREES, WREATHS AND GREENS

Kirk	Company		1404	6
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COMPUTER EQUIPMENT AND SOFTWARE

CompuPlants	
eGrow Solutions LLC	
LMN	
Plantiful Technologies Inc	
PlantX	

CONIFERS

Brooks Tree Farm	
Durkin's Nursery	
Evans Farms LLC	
Hopper Bros	
Iseli Nursery	
Tree Frog Nursery	
5	



CONTAINERS

BOOTH

Anderson Die & Mfg Co	
Discount Nursery Supplies LLC	
Glenhaven Home & Holiday	
GROWinBAG	
HC Companies, The	
HerkuPlast International	
K-Pots Nursery Containers	
McConkey Co	
New Christie Ventures	
Nuova Pasquini & Bini	
Nursery Supplies Inc	
NurserySource LLC	
Root Pouch	
RootMaker Products Company LLC	
UFP Packaging/ T&R	
Vego Garden	
Western Pulp Products Co	
XY Inc	
Zhengzhou Wilson Garden Co	12007, 13008

EQUIPMENT AND APPLICATORS

Agri Spray Drones	
Air Tray Technologies by Blackmore Co	
Airtec Sprayers Inc	
Aumsville Equipment Sales	
Dramm Corp	
Eliet USA Inc	
Ellis Products Inc., Mitchell	
Flier Systems USA Inc	
Hort Tech Systems LLC	
ITG Chile - NANOOX	
JAVO USA Inc	
King Steel Fasteners	
Marion Ag Service Inc	
Mechanical Transplanter	
Raymond West Intralogistics Solutions	
Synergy Agricultural Products	
Toyota Lift Northwest	
TTA USA LLC	

FERTILIZERS

Down to Earth Distributors	
Haifa North America	
Harrell's LLC	11046, 11048
Neilson Orchids LLC	
Simplot Professional Products	
SQM North America	
Sustane Natural Fertilizers Inc	
YARA North America	

GARDEN AND GIFT ACCESSORIES

Cerati G	
Elegant Garden Design	10027, 10029
Le Primitif Galleries	11007, 12008
Mossify	
T & L Cedar Lawn Furniture Inc	

GRAFTED ORNAMENTALS

Laceleaf Maples LLC	
Windswept Gardens	13048, 13050

GREENHOUSES / EQUIPMENT

Adapt8	
Agra Tech Inc	
Atlas Greenhouse LLC	
BW Global Structures Inc	
Cravo Equipment Ltd	
GK Machine Inc	
Harnois Industries Inc	
OBC Northwest Inc.	
Oregon Valley Greenhouses Inc	
Prospiant	
Siebring Manufacturing Inc	
Stuppy Greenhouse Mfg. Inc	
Svensson	

IRRIGATION EQUIPMENT AND SUPPLIES

Aivaka	
HPS Pipe & Supply	
Nelson Irrigation Corporation	
TALOSYS Inc.	
TreeDiaper	

LABELS OR TAGS

Gardenware	
GrowTech Solutions LLC	
HIP Labels LLC	
Horticultural Marketing	
& Printing	
LODA Enterprises Inc	
Parker Davis Company	
Stover Manufacturing LLC	
WestHort	16051

LANDSCAPE PRODUCTS AND YARD DÉCOR

BFG Supply Co	
Landscape Materials Northwest	
Wolverine Tool	

LINERS

I	Briggs Nursery	
	Magnolia Gardens Nursery	
	Mountain Shadow Nursery LLC	
I	Noname Nursery	
I	Powell's Nursery Inc	
I	Proven Winners	8055, 8057, 9056, 9058
I	Ruby Nursery	
	Sylvan Vale Nursery Ltd	
-	Terra Nova Nurseries Inc	
1	Westcan Greenhouses	
1	Willamette Nurseries Inc	

NATIVES AND RESTORATION PLANTS

BeaverLake Nursery	17007
Sevenoaks Native Nursery LLC	13044
Trillium Gardens	18044

STAKES AND PLANT SUPPORTS

SUPPLIES

Aqua Dream USA Braun Horticulture Inc	
Continental Western Corporation	
Critterfence Garden & Deer Fence	
Dayton Bag & Burlap	
Ed Staub & Sons	
Grower Direct Supply Inc.	
Growers Nursery Supply Inc	
HortGrow Solutions LLC	
Huanmei Supply Inc	
NYP Corp	
Pacific Lamp Wholesale	
Pest Wizard Brands LLC	
PlantRight Supply	
Simplot Turf & Horticulture	

TOOLS

Barnel-USA	
Cinch Packaging	
Sound Horticulture	
Yoshida Hamono Co. Ltd.	
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PAPÉ	
RDO Vermeer	15007, 15009
Wurdinger Manufacturing Inc	10031, 11032

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Engel's Evergreens LLC	11027

TREES - SHADE AND FLOWERING

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Brentano's Tree Farm LLC	
Don Marjama Nursery Co. Inc	
Garden Gate Nursery LLC	
Hans Nelson & Sons Nursery Inc	
J. Frank Schmidt & Son Co	
John Holmlund Nursery	
Kuenzi Turf & Nursery	
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Robinson Nursery	

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Distributors...... 20050, 20052 Beth Coombs PO Box 1419 Eugene, OR 97440 541-485-5932, FAX 541-485-7141 beth@downtoearthdistributors.com www.downtoearthdistributors.com

Started in Eugene, Oregon, in 1977, Down to Earth Distributors has grown to become a national supplier of all-natural garden-totable products and manufacturer of Down to Earth Fertilizer. Active gardeners, canners and cooks, we have been at the forefront of the green and all-natural community, tailoring our catalog for garden centers, co-ops, natural grocers, and lifestyle stores to give them the widest selection of natural living products available.

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www.ekstrom-schmidt.com

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Energy Trust information, cash incentives and contractor connections help customers use less energy, generate renewable power and protect the environment. We have specific programs for nurseries and agriculture. Stop by our booth to learn more. Please see our advertisement on Page 23.

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503-359-5757, FAX 503-357-5780 engels.evergreens@frontier.com

www.engelsevergreens.com

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phughes@everde.com www.everde.com

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Please see our advertisement on Page 28.

Fisher Farms......13043, 14044

Linda Tellez 9650 SW Hardebeck Rd. Gaston, OR 97119 503-985-7561, FAX 503-985-3495 Linda@fisherfarms.com www.fisherfarms.com

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Michiel van der Waal 3939 Royal Dr. NW, Ste. 131 Kennesaw, GA 30144 678-662-7055 m.vanderwaal@fliersystems.com www.fliersystems.com

Flowers Canada Growers 🗈 8049

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www.flowerscanadagrowers.com

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https://gardengatetrees.com

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BOOTH

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Kuenzi Turf & Nursery16016 Amanda Hernandez

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Kuenzi Turf & Nursery is a tree nursery and turf farm based in Salem, Oregon that has been serving the landscape and nursery industry since 1990. Besides suppling shade trees and sod to the local market, Kuenzi Turf and Nursery sells shade trees and liners to wholesale growers and distributors across the United States and Canada. We pride ourselves on exceptional quality and excellent customer service while providing products that will thrive in our customer's landscapes and growing operations.



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Leonard Adams Insurance brokers all lines of insurance, from our own exclusive, OANendorsed health insurance program, to business property and casualty insurance. We also offer personal lines for home, auto, boat and more. Please see our advertisement on Page 42.



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Oregon Department of Agriculture.....19064 Chris Benemann 635 Capitol St. NE, Ste. 100 Salem. OR 97301 503-986-4640, FAX 503-986-4786 cbenemann@oda.state.or.us www.oregon.gov/oda Government agency.

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Proven Winners ... 8055, 8057, 9056, 9058

Jessica DeGraaf 111 E Elm St., Ste. D Sycamore, IL 60178 877-865-5818, FAX 815-895-1873 jessica@provenwinners.com www.provenwinners.com



Raymond West Intralogistics Ben Daughdrill, Jessica Shoup 3148 NE 181st Ave. Portland, OR 97230 971-288-7450 ben.daughdrill@raymondwest.com; jessica.shoup@raymondwest.com www.raymondwest.com

RDO Vermeer......15007, 15009

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B&B Chamaecyparis, pine, spruce, Japanese maple, fir, poodle pine and spruce, and cut Christmas trees. Please see our advertisement on Page 101.

Rio Verde Plantas.....11012, 11014 Josh LaPoint

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josh@riovp.com www.riovp.com

Rio Verde Plantas is a production nursery specializing in shrubs and evergreen uprights. We are a Proven Winners Gold Key Grower and produce large, install grade shrubs as large as #10 & #15 sizes. Please see our advertisement on Page 24.

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469-878-2859 neall@ceyhinzlink.com www.riococo.com

Robinson

72 August 2023

Nursery18028, 18030, 18032 Josh Robinson PO Box 100

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www.robinsonnursery.com

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BOOTH

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RootMaker Products

Company LLC 17015 Wayne Hinton

PO Box 14553 Huntsville, AL 35815-0553 800-824-3941, FAX 256-882-0423 whinton@rootmaker.com

www.rootmaker.com

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Rose City Transportation8026 **Greg Hamlin**

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gregh@rosecitvtransinc.com www.rosecitytransinc.com

Since 1997, Rose City Transportation has offered the nursery industry cost-effective, temperature-controlled over-the-road truck transportation. Please see our advertisement on Page 92.

Royal Gold 17048

Michael Beck 600 F Street, Ste. #3 PMB 603 Arcata, CA 95521 707-822-4653 sales@royalgoldcoco.com

www.royalgoldcoco.com

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colin@seattleurbanfarmco.com seattleurbanfarmco.com

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Schwope Brothers West Coast 11010 Joshua LaPoint

39881 NW Wilkesboro Rd. Banks, OR 97106 503-713-9907 josh@riovp.com https://www.dcaoutdoor.com/schwopebrothers-tree-farms

The West Coast Division of Schwope Brothers Tree Farm is a bareroot tree grower specializing in Fruit, Ornamental and Shade Trees. It also operates 125 acres of packaged deciduous and conifer trees. Please see our advertisement on Page 24.

SeaCoast Compost	5 14016
David Boyer	

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Simplot Turf & Horticulture8028, 8030 Doug McCullen

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Solar company.

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18049, 18051, Youngblood Troy Youngblood

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RoLanka GeoNatural Coir GrowBag - Regular

Manufactured and distributed by RoLanka International Inc. Company (Booth #21048)

Contact: Lanka Santha, rolanka@rolanka.com, www.rolanka.com, 800-760-3215

RoLanka has been in business for 30 years and our expertise is coconut fiber products. All our products are made in Sri Lanka using world class quality coconut fiber. The raw material used

in our products comes from mature coconut husks, delivering an excellent medium for growing. RoLanka GeoNatural Coir GrowBag - Regular is an upright grow bag with compressed coir slab. It is ready to use. Our coir medium is multi-washed, free from pesticides, free from heavy metals, and free from sand particles. It has a unique blend of coir fiber pith and coir husk chunks to enhance aeration. It is an excellent growing medium for root development. Our daily random testing of raw material guarantees the uniform specification leading to the highest quality. We are happy to

customize our GrowBag to fulfill your special needs. For the past 30 years, RoLanka International, Inc. is the leading supplier of technically advanced coir products for the USA soil erosion and sediment control industry. Also, RoLanka is one of the leading suppliers of coir hop twine for the hop growers in the world. We welcome you to try our RoLanka GeoNatural Coir GrowBag - Regular. We guarantee 100% satisfaction.

RoLanka GeoNatural Coir GrowBag - Open Top

Manufactured and distributed by RoLanka International Inc. Company (Booth #21048)

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Plantiful Software

Manufactured and distributed by Plantiful Technologies Inc Company (Booth #22051)

Contact: David Turer, david.turer@tryplantiful.com, www.tryplantiful.com, 914-299-6112

Plantiful has developed modern cloud-based software specifically for plant growers and wholesalers that is flexible, powerful, and easy to use. Plantiful's customizable production inventory tracking is live, exportable, and tablet and mobile friendly. Businesses can easily

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track and update all production information guickly and on-the-go including item locations, quantities, sizes, and ready dates. Plantiful can bring your business live availability with real-time updates integrated across inventory, production, sales orders, and order pulling. Plantiful will give your sales team complete visibility into sales orders and associated production. Automatically generated pick tickets give businesses the flexibility to do bulk master pulls or pick by order. Plantiful's activity audit logs will store valuable historical information about your production as you make changes and give you access to powerful insights for future seasons. Communication has never been easier with Plantiful's notes, tasks, and sales order flags. Most importantly, Plantiful is always listening to customer needs and growing, with exciting new features rolling out every week!



Neilsons Plant Elixir

Manufactured and distributed by Neilson Orchids LLC Company (Booth #23049)

Contact: Julie Neilson, hello@neilsonbotanics.com, www.neilsonbotanics.com, 888-882-0722

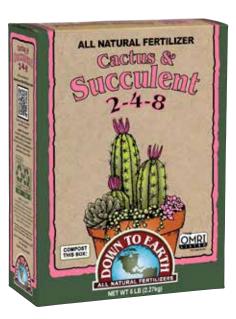
Neilsons Plant Elixir is a mild formula for houseplants and orchids, made from natural mineral salts in meticulouslyhoned proportions, partly diluted in the purest Oregon aquifer water. It is the reason our cymbidium orchid nursery became one of the largest in the U.S. What sets it apart is it has a good concentration of magnesium, an important catalyst for other nutrients,, without being high in sulfer. Our unique chemistry requires that the Elixir come partly diluted. Easy to use and odorless, it benefits blooming and foliage houseplants, succulents, cacti, cannabis and all orchid species.

Cactus & Succulent 2-4-8 All Natural Fertilizer

Manufactured and distributed by Down To Earth Distributors Inc. Company (Booth #22052)

Contact: Mario Serra, sales@downtoearthdistributors.com, www.downtoearthdistributors.com, 541-485-5932

Cactus & Succulent 2-4-8 is a blended fertilizer specially designed to support the keystone plants commonly found in arid climate gardens and water-wise xeriscapes. These fascinating specimens are adapted to withstand challenging environmental stresses and utilize diverse tactics to manage water storage efficiently. This robust blend of natural and organic ingredients will supply succulents of all types, including cactuses and agaves, with the nutritional backbone to keep them growing strong and producing beautiful blooms. At the same time, improving soil conditions and encouraging their extensive root systems can help maintain fabulous conservation focused gardens filled with striking cactuses and succulents. Listed by the Organic Materials Review Institute (OMRI) for use in organic production.





Palm Tree 6-2-8 All Natural Fertilizer

Manufactured and distributed by Down To Earth Distributors Inc. Company (Booth #20052)

Contact: Mario Serra, sales@downtoearthdistributors.com, www.downtoearthdistributors.com, 541-485-5932

Palm Tree 6-2-8 is specially formulated to feed all varieties of palms and cycads with the essential macro and micronutrients they need to thrive in outdoor spaces. Whether in tropical or subtropical landscapes, palms add a regal touch and are unparalleled at transforming ordinary backyards into your own small piece of paradise. From the initial selection and design planning, to the planting, watering and fertilization, palms of all species need care and attention to ensure success. Feeding two to three times per season can help make sure that their nutritional needs are being met and prevent fronds from yellowing or curling. Palms can be an attractive gardening solution for adding shade and curb appeal; use Down To Earth Palm Tree fertilizer for the ultimate results for your tropical beauties. Listed by the Organic Materials Review Institute (OMRI) for use in organic production.



Island Phosphate 0-11-0 All Natural Fertilizer

Manufactured and distributed by Down To Earth Distributors Inc. Company (Booth #20052)

Contact: Mario Serra, sales@downtoearthdistributors.com, www.downtoearthdistributors.com, 541-485-5932

Island Phosphate 0-11-0, a high-phosphorus fertilizer, can be used to dramatically increase both the amount and size of blooms throughout the flowering period for all indoor and outdoor plants. Strawberries, melons, vegetables and all types of flowers will benefit from mid-season applications to improve yields and enhance fruit quality. Can be mixed into garden soils and potting mediums or applied as a side dress throughout the growing season. Listed by the Organic Materials Review Institute (OMRI) for use in organic production.





OREGON NURSERIES FOUNDATION

HE OREGON NURSERIES FOUNDATION (ONF) supports incoming or continuing college students who are preparing for careers in horticulture or related fields. Students were evaluated based on academic achievement, nursery industry commitment, financial need and OAN affiliation.

Scholarships are applied for during winter term and awarded by the ONF's committee each spring. The next cycle of applications will open in January 2024 and are due by April 1, 2024.

Please join us in congratulating the ONF's 2023-2024 Scholarship Award recipients!

Seeding the next generation of horticulture specialists

The Oregon Nurseries Foundation announces the 2023 ONF scholarship recipients

BY STEPHANIE WEIHRAUCH



has been awarded the Retail Chapter I Award for her pursuit of higher education at the University of Southern California.

Alex plans to study civil engineering with the intent of applying her skills to strengthen the infrastructure that supports the agricultural industry.



Ann Amato has been awarded the Retail Chapter III Award. Ann currently works for two OAN nurseries and will continue her studies at Clackamas

Community College to complete her associate degree in horticulture.



Avery Lord has been awarded the Joseph H. Klupenger Award. Avery will be an incoming first-year student at the University of Southern California

with plans to study occupational therapy. Growing up on an ornamental nursery, Avery has developed a passion for utilizing horticulture as a form of therapy and plans to incorporate the two.

Benjamin Bailey has been awarded the Bill Egan Memorial Award and is currently studying at the University of Arkansas in Fayetteville.

Heading into his junior

year, Ben is working on a degree in >>

ONF scholarship recipients



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business and attributes his education and appreciation for new opportunities to his time at Smith Gardens, including an upcoming internship position.



Brady Traeger has been awarded the Arthur Spada Memorial Scholarship. Brady will be a junior at Oregon State University, where he is

currently pursuing a degree in agriculture and food business management with the intent to help grow the family operation at Woodburn Nursery and Azaleas.



Carson Henderson has been awarded the Woodburn Nursery I Award and will be a first-year student studying crop science at the University of Idaho.

Carson plans to expand the family nursery operation, Thistledown Farms, and explore propagation and grafting.



Chloe Hupp has been awarded the Willamette Chapter Award to apply towards her studies at Chemeketa Community College. Chloe plans to transfer to

Oregon State University to complete her agribusiness degree, then continue the family tradition of owning a nursery — but with a twist of adding an event center.



Cydney Stables has been awarded the Sid and Cindy Miles Nursery Award. Cydney will be a junior at Graceland University, where she is pursuing a

degree in agribusiness. Her plans include becoming a spokesperson, educator and advocate for the agriculture industry.

Elizabeth Minnich has

been awarded the Nurseries Memorial Award as she pursues her degree in horticulture and urban agriculture at the University of

Idaho. As the assistant to the greenhouse manager on campus, she looks forward to staying involved in the greenhouse industry promoting sustainability and responsible pesticide application practices.



Ellie Perkins has been awarded the Nurseries Foundation Award. Ellie will be a sophomore at Oregon State University, where she is pursuing a degree in horti-

culture. Ellie is passionate about growing flowers and working in the nursery and greenhouse industry.



Emily Jones has been awarded the Larry Fitzgerald Memorial Award. Emily is pursuing a degree in horticulture and sustainability from Oregon State

University, and plans to apply her education to enhancing local food systems with an emphasis on sustainable agriculture.

Emmett Henderson



has been awarded the Woodburn Nursery II Award. Emmett will be a sophomore at the University of Idaho, where he is pursuing a

degree in crop science. He hopes to return to the Willamette Valley to farm and own greenhouses for flowers, shrubs, fruit and vegetables — all similar to the family operation, Thistledown Farms.



Gabbie Schloe has

been awarded the Nursery Employee Award and is entering her first year at Oregon State University. Gabbie has spent many years at

the family business, Swan Island Dahlias, and held various roles that will contribute to her success towards a degree in business.



Hannah Kruse has

been awarded the Retail Chapter II Award. Hannah will be a sophomore at Corban University, where she is pursuing a degree in agri-

culture science with a business minor. She is highly interested in greenhouse production as well as having her own business.





Join the ONF Committee

The ONF Committee is comprised of OAN members who serve a five-year term, with their fifth year as chair. Each year, we look to add a new OAN member to the committee.

If you are interested in being on this committee, please contact Stephanie Weihrauch at 503-582-2001 or

SWeihrauch@OAN.org.

For more information about the ONF, please visit **www.OAN.org/ONF**.

Rest Parts

Hilliary Montero has been awarded the Clackamas Chapter/Ed Wood Memorial Award. After working in public service for over a decade, Hilliary is

following her passions professionally. She currently works as a grower at Fessler Nursery and is attending Clackamas Community College, where she is pursuing an associate degree in horticulture.

Landon Erbrick has been awarded the Mt. Hood Chapter II Award. Landon will be a senior at Auburn University, where he is pursuing his bachelor's

»

degree in horticulture and is presi-





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ONF scholarship recipients

dent of the Auburn University Landscape and Nursery Association. He looks forward to the opportunity to work hands-on in the nursery and greenhouse horticulture industry.



Marcella Cross has

been awarded the Royal Boltman Memorial Award. After earning her undergraduate degree at Cornell University,

Marcella will enter the graduate program in botany at the University of British Columbia. Originally from Dallas, Oregon, Marcella continues to follow her dreams in furthering the field of horticulture through plant research.







Nate Bailey has been awarded the Clackamas Chapter Award. Currently attending American River College, where he is pursuing an associate

degree, Nate plans to pursue a bachelor's degree in horticulture at a four-year institution. Nate has spent time as a seasonal worker in various positions at Smith Gardens, which furthered his interest in the horticulture industry.



Xavier Tacker has been awarded the Emerald Empire Chapter Award. Xavier will be a senior at Oregon State University, where he is pursuing a dual major in forest management and bioresource research and a minor in chemistry. Xavier was named a Barry Goldwater Scholar as a sophomore. This summer he is an intern with Corteva Agriscience.

Congratulations, students!

The Oregon Association of Nurseries and the Oregon Nurseries Foundation congratulate these students on their accomplishments thus far and wish them the best as they grow the future of the horticulture industry.

Stephanie Weihrauch is the director of finance and administration at the Oregon Association of Nurseries. Contact her at 503-582-2001 or SWeihrauch@OAN.org.

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Plant purchases gain momentum

-COMMERCE SALES of plant material as a percentage of total plant sales exploded over the pandemic and have continued to grow. According to research funded by the Horticultural Research Institute, the growth of plant e-commerce sales is here to stay and will continue to substantially increase.

I had the opportunity to view a presentation on this research and wanted to share my high-level takeaways and insights based on this important marketing data. A growing trend is more people are purchasing plant material across multiple sales channels. Consumers are researching products and making purchases across multiple platforms including in-store, online and social media options. They are also going beyond traditional word of mouth and utilizing reviews, social media and other forms of proof to validate their purchases. Google has conducted similar research across all types of products and their data confirms this trend.

Only a small percentage of plant buyers purchase exclusively online, with the majority purchasing across multiple channels. Customers who predominantly purchase plants online spend three times what predominantly in-store purchasers spend online.

Online plant purchasers still make about 30% of their purchases in-store. However, it is important to understand and adapt to the fact that online buyers purchase more plant material and related products overall than traditional in-store purchasers.

Impact of social media

Social media has had an increasing influence over plant purchases overall, and online sales through these channels are increasing. With the predominant platforms being Facebook and Instagram, newer platforms are having an increasing impact especially among younger shoppers. It is apparent that social media will continue to grow in its influence on online plant purchases.

It is no surprise that younger people tend to learn about products, follow plant brands and make purchases through social media and online. As it turns out, there is an inverse relationship between age and online engagement. The weighting of engagement online is towards younger and first-time plant buyers, with engagement decreasing among older buyers.

It is important to understand that the number of first-time plant buyers on social media is higher than other platforms. This is because they tend to learn about new things and get engaged in this way. Related to this, there is a general trend towards product purchases being driven on social media through FOMO (fear of missing out).

In the plant world, this purchasing trend is enhanced by either a real rarity or a perceived one. It is apparent that the excitement of scarcity or rarity of a plant drives sales. Online retailers who have understood this trend have greatly benefitted by using promotion or advertising that enhances this perception of rarity and scarcity as this drives purchases.

More parents are shopping online than other households. Online plant retailers have benefitted by targeting these family purchases through unique plant products or solutions, and by using imagery that supports a family purchase experience. For example, grow kits for kids or educational plant experiences are becoming increasingly popular with families.

An interesting insight from this research is that online plant purchases address a more



Ron McCabe

Ron McCabe has been a technologist for over 35 years and an expert digital marketer for 14 years. He is the president of Everbearing Services, a full-service digital marketing agency dedicated to the green industry. Visit his website and subscribe to his newsletter at www.EverbearingServices.com or email him at RMcCabe@ EverbearingServices.com.

predominantly ethnically diverse audience than in-store shoppers. I think this presents an important opportunity to embrace and engage a potentially new and lucrative consumer base for plants. Engaging these new consumers through online marketing efforts could yield new clients and related sales.

In-store vs. online

It is not an "either/or" question anymore, as consumer plant purchasers are trending toward utilizing more of their purchase options. It is becoming more likely that in-store purchasers will buy online. While purchase trends are shifting, one advantage that in-store plant sales have over online options is that in-store buyers are much more likely to make impulse purchases. So, those marketing for in-store customers need to enhance and take advantage of these impulse purchase experiences. Based on my experiences with my clients, I think garden centers may be able to capitalize on both trends by creating a crossover experience between online and in-store marketing.

Just like in-store retailing, online retailing benefits from presentation and by categorizing plants by common needs. For example, categories like pet-friendly, easy-care, low-water or deer-resistant help online consumers find the products that fit their needs.

A quick tip related to this is to do keyword research to find out what consumers are looking for regarding the plants being sold. Use these searches for characteristics to tag your online plants appropriately. This tagging has greatly enhanced purchasing experiences and sales.

Making sure your overall online experience creates a positive and convenient

DIGITAL GROWTH BY RON McCABE

Shoppers are more likely to buy again once they have made their initial **purchase.** However, they are more discerning shoppers that are more likely to look at online reviews or social proof before engaging with a new store.

experience enhances perceived value and loyalty. The quality of online plant retailing has increased greatly over the last four to five years and consumer expectations for their shopping experience have increased in tandem. Presentation of plants, as well as the overall feel of a shopping experience, increasingly matters. It is important to take care when creating visual cues and settings for online plant pictures while creating a unique and seamless plant buying experience.

This research supports that an often overlooked but major part of this enhanced experience is smooth online checkout. Based on checkout experiences I have worked on, it is important to decrease transactional friction by decreasing steps, creating clear visual cues, easing payment processes and considering deferred payment options. The best online plant retailers test their checkout system often and continually refine it.

Keeping customers coming back

Another important takeaway is that customer and brand loyalty is higher among online shoppers. These shoppers are more likely to buy again once they have made their initial purchase. However, they are more discerning shoppers that are more likely to look at online reviews or social proof before engaging with a new store for plants, and they will often sort their plant purchases within a store based on ratings.

Online buyers are loyal, with 90% of online purchasers buying that way again. Purchasers buy through multiple platforms, but the predominant options are Amazon and Farm Direct. Garden centers were noticeably not predominant as an online resource.

My opinion and my own research in this area indicates that this is because of the resources, focus and time garden centers give to their online endeavors.



For example, in a small national survey I did of garden centers that provided online sales, the results were mixed. The garden centers that had dedicated the appropriate time and resources to their endeavors were highly successful. The garden centers who understood their multichannel advantages did very well at leveraging these experiences into more sales overall.

Unfortunately, the garden centers that did not do this were more numerous and did not do well. I believe that if appropriate resources and attention are allocated, online sales present a unique multi-channel opportunity for garden centers that can be realized in the upcoming years.

Online plant sales and social media marketing are going to continue to be growing forces in our industry. We would all do well to take note and make changes to embrace these growing opportunities in the green industry.





NORTHWEST NEWS

OAN members and chapters are encouraged to send in relevant news items, such as new hires, new products, acquisitions and honors. Email **News@OAN.org**.

NEW LEGISLATION WOULD ESTABLISH 'POLLINATOR-SAFE' LABEL PLANTS

U.S. Sen. Jeff Merkley (D-Oregon) recently announced new legislation that would create a pollinator-friendly plant labeling program, modeled after the Organic Foods Production Act that created organic labeling. The program would require the U.S. Department of Agriculture to create a certification program for plant producers in order to certify that their plants are not treated with pesticides harmful to monarch butterflies and other pollinators.

Under the pollinator-friendly plant labeling program, plants must be native to the United States and must not have been grown using pesticides or substances that are not approved for use in organically grown products. Producers who choose to participate in the program would be able to use a "USDA pollinator-friendly" label on their plants and products.

"Protecting Western Monarch butterflies and other pollinators is a critical issue, and I know many of us are looking for ways to help," Sen. Merkley said. "Projects like at-home gardening are great ways that every day consumers can take action. But folks across the country buying milkweed plants to help boost pollinator populations may unknowingly be picking up pesticidetreated plants that are actually harming the pollinators they are intended to support. We need to ensure that consumers who want to help can find safe, pollinatorfriendly plants when they head to their local nursery."

This new legislation follows findings of pesticides in pollinator plants at U.S. nurseries. Last year, a study by the Xerces Society and University of Nevada, Reno, found that milkweed plants in nurseries across the U.S. are frequently being treated with pesticides that are harmful to Monarch caterpillars.

The pollinator-friendly plant labeling program is supported by The Xerces Society for Invertebrate Conservation, National Wildlife Federation and the Sierra Club. The bill is co-sponsored by Sens. Ron Wyden (D-Oregon), Martin Heinrich (D-New Mexico), Peter Welch (D-Vermont), Alex Padilla (D-California), Richard Blumenthal (D-Connecticut), Dianne Feinstein (D-California) and Cory Booker (D-New Jersey).

"This legislation is short-sighted and falls into the 'zero tolerance for pesticides' camp," OAN Executive Director Jeff Stone said. Stone plans to discuss the proposed program with Sens. Wyden and Merkley's agricultural staff, as well as with Oregonians for Food and Shelter and Oregon State University.

GOV. KOTEK MEETS WITH OAN LEADERS AS PART OF LISTENING TOUR

Oregon Gov. Tina Kotek is in the midst of her One Oregon Listening Tour, part of her commitment to visit every county in Oregon during her first year in office. Last week she was in Marion County and requested to sit down with the nursery and greenhouse industry, along with Christmas tree growers in Marion County.

The hour-long discussion covered a lot of ground: the outlook of passing along family operations, how Oregon competes with other states that do not have the wage and regulatory pressures, water policy, plants and trees as carbon-sequestering green goods, the pressures of family farms and the growing suicide rates across agriculture. Christmas tree growers focused predominantly on research needs at the state Extension service and nationally.

Surprisingly, the governor's attention focused on the agricultural overtime issue and the OAN offered to bring back the compromise that the agricultural community put forward two years ago. "More conversation is possible, and the OAN will press for additional work to be done on fixing ag overtime," OAN Executive Director Jeff Stone said.



From left to right: Casey Grogan of Silver Bells Tree Farm, Bob Schaefer of **Noble Mountain Tree Farm**, Josh Zielinski of **Alpha Nursery Inc.**, OAN Executive Director Jeff Stone, Gov. Tina Kotek, Kyle Fessler of **Woodburn Nursery & Azaleas Inc.**, Amanda Staehely of **Columbia Nursery LLC**, Todd Nelson of **Bountiful Farms Nursery Inc.**, Mark Bigej of **Al's Garden & Home** and staff from Regional Solutions.

HOUSE AG ANNOUNCES BIPARTISAN H-2A REFORM WORKING GROUP

Leaders of the U.S. House Agriculture Committee appointed a 14-member working group in June to find solutions for the labor challenges facing farmers, the Agri-Pulse agricultural news website reported.

The working group evenly split between Republicans and Democrats. Reps. Rick Crawford (R-Arkansas) and Don Davis (D-North Carolina) will cochair the group.

The group's members largely represent districts where workforce challenges are particularly acute, is charged with first writing an interim report that will detail the shortcomings of the H-2A visa program, and then producing a final report with recommendations. Among the Republican members in the working group is Rep. Lori Chavez-DeRemer (R-Oregon, 5th district). Crawford told Agri-Pulse that the group would start its work in July and will have six months to deliver recommendations.

OREGON WATER RIGHTS 'PAUSE' SCRAPPED BY LAWMAKERS

A bipartisan legislative proposal to pause new water rights permitting in Oregon died in the 2023 legislative session, the *Capital Press* agricultural newspaper (Salem, Oregon) reported.

Rep. Ken Helm (D-Beaverton), chair of the House Agriculture Committee, and Rep. Mark Owens (R-Crane), committee vice chair, had proposed the pause under House Bill 3368. The idea was to buy regulators time to calculate water supplies, uses and needs, basin by basin.

"We are over-allocating both the surface and ground water in this state for various reasons and it's not an ideal situation," Helm told the newspaper.

The solution? Creating a water balance sheet of sorts. "Show us in every basin in the state: what comes in and what goes out, and then show us what's been allocated," Owens said.

Owens told the paper that the pause frustrated everyone. "That was intentional, to say what we're doing is not working," he said. "I feel it's appropriate to slow things down to plan for the next generation."

Agricultural and environmental groups, including the Oregon Association of Nurseries, liked the idea of knowing how much water is available to allocate, but both communities urged lawmakers not





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manufactured by Pursell Agri-Tech, then formulated and blended at Marion Ag's state-of-the-art custom fertilizer blending facility near St. Paul, Oregon, which opened in 2017. The facility is ISO 9001-2015 certified for quality management.

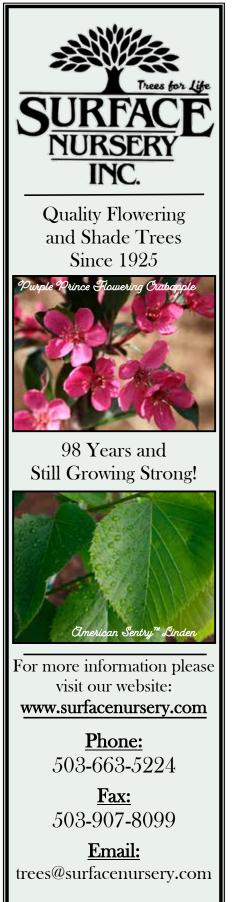
The new line of Entrust fertilizers will be available to nurseries in the Pacific Northwest starting this fall through Marion Ag and their expert consultants, who work with growers individually to create nutrient plans designed to meet their needs and goals.

"We have been working with Pursell controlled-release fertilizers since the mid-1990s, and are excited to solidify our partnership with them," said John Hockett, CEO for Marion Ag Service. "This change, and bold step forward, is about our customers and our vision to be the most trusted solutions partner, empowering customers to succeed at feeding and beautifying the world."

Earlier this summer, the two companies announced that Marion Ag would become the exclusive distributor of Pursell's controlled-release fertilizers in 11 Western states.

Additionally, they announced the launch of a new software tool called MASter Graph, which will help create custom tailored nutrient delivery plans for customers. The software has been fine-tuned with the benefit of five years' worth of field trial data evaluating actual nutrient release rates, as analyzed by J.R. Frelich & Associates.

With this software, Marion can create customized nutrient plans for customers knowing that the fertilizer blends will perform safely and accurately, as intended. Plans can be adjusted as production goals change. The software maximizes plant health, reduces nutrient waste, increases profits and protects the environment,



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to rush the legislation.

"Behind the scenes, the OAN urged both Owens and Helm to take time and do the policy right," OAN Executive Director Jeff Stone stated in an update to association leaders. "OAN and our legal counsel at Jordan Ramis were nervous about the policy turning into a moratorium on all water applications. We opposed the bill in virtually all its forms but will work alongside the legislators to get it right."

ODA EXTENDS QUARANTINE FOR EMERALD ASH BORER TO NOVEMBER

The Oregon Department of Agriculture (ODA) reinstated a temporary quarantine in Washington County to prevent the spread of emerald ash borer (*Agrilus planipennis* Fairmaire), the invasive insect that has killed hundreds of millions of North American ash trees. The quarantine will remain in effect until November 23, and could be amended or extended as more data becomes available.

The temporary quarantine was first adopted in June 2022, after emerald ash borer was found in planted ash trees at a middle school parking lot in Forest Grove, Oregon, about 20 miles west of Portland. Native to Asia, the emerald ash borer arrived in the U.S. in 2002. Researchers consider it North America's most damaging forest pest.

The extended quarantine excludes olive trees, but still applies to ash and fringe white tree material — including logs, stumps, green lumber, nursery stock, scion wood, roots, branches, chips, mulch and firewood.

Announcements

MARION AG SERVICE, PURSELL ANNOUNCE ENTRUST NUTRITION, A NEW CONTROLLED-RELEASE FERTILIZER

Marion Ag Service and Pursell Agri-Tech have introduced Entrust Nutrition powered by Pursell, a new line of controlled release fertilizers jointly developed by the two companies.

The fertilizer substrates will be

Northwest News

Personnel changes at Kraemer's Nursery. From left to right: Ron Swanson and Steve Manfield; Barry Gregory and Freddie Cortez; and Treda McCaw and Jose Tapia.

the two companies said.

The new line of fertilizers will benefit from Pursell's patented new production process, which allows the company to coat a variety of nutrients — not just nitrogen, phosphorus, potassium and urea, but also calcium nitrate, potassium nitrate, ammonium sulfate and iron sulfate.

Additionally, active fertilizer ingredients can be incorporated into the coatings themselves, enabling the delivery of micronutrients, biologicals and biostimulants. The end result is stronger, healthier plants.

KRAEMER'S ANNOUNCES PERSONNEL CHANGES

Kraemer's Nursery, a wholesale grower of container-grown woody plant material in Mount Angel, Oregon, announced the retirement of three longtime employees and



introduced the people taking over for them.

Barry Gregory, vice president of sales, had been with Kraemer's for 16 years, overseeing the sales team. He had previously worked at Hines Nursery in Texas for 17 years. He and his wife Cathy are moving to Texas to be near their children and grandchildren.

Taking over for Gregory is Freddie Cortez, former director of operations at Marion Ag Service. Cortez previously worked at Kraemer's for nine years as production manager.

Also retiring is Steve Mansfield, who managed the Home Depot account for 14 years. He previously worked at Smith Gardens in Bellingham, Washington, and Coast Nurseries in California. He and his wife Cherie plan to travel and hang out with kids and grandkids.

Taking over for Mansfield as account manager is Ron Swanson, who moves over





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from American Nursery Services, where he'd been for 17 years.

Treda McCaw also announced her retirement. For the past 14 years, McCaw has supported Kraemer's sales representatives, Macy Lindsay, Shawn Holt and Josh Russell, and handled inside accounts. She previously worked for J. Frank Schmidt & Son Co., Leo Gentry Nursery and Bailey Nurseries. She plans to continue to volunteer in the industry, create quilts and maintain her landscape at home in Silverton.

Taking over for McCaw is Jose Tapia, who previously worked in Kraemer's propagation division for nine years.

BAILEY ANNOUNCES CHANGES TO MARKETING AND BRAND TEAMS

Bailey Nurseries, the horticultural company headquartered in St. Paul, Minnesota, with operations in Oregon, Washington, Illinois and Georgia, announced changes to its marketing and brand teams.

Gretchen McNaughton, who has been with Bailey for over two years in the role of communications and content specialist, was promoted to communications and content strategist. In her new role, McNaughton will lead the team that covers consumerfocused content, Bailey and its consumer brands' social media channels, and public relations activities.

"Since joining the team, Gretchen has brought fresh ideas, refined our processes, and shown herself to be a strong leader. We are excited for her to take on additional responsibilities and offer additional strategic insights in her new position," said Marketing and Communications Manager Ryan McEnaney.

Katie Swartzer joins Bailey as social media specialist. In this new role, she will be responsible for the day-to-day implementation of social media and digital content for Bailey Consumer Brands and Bailey social media.

"We are thrilled to create this new role and welcome Katie to the team," McEnaney said. "Katie's background



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in marketing agency work, social media and public relations supports our focus on growing what's next with these crucial channels."

Rachel Prescott joins Bailey with a background in production management and sales. She joins the brand team as retail and landscape program coordinator, and will lead efforts in building relationships with garden center and landscape partners.

"We are thrilled to add someone with Rachel's background and personality to our brand team," Brand and Business Development Manager Layci Gragnani said. "Her infectious positive attitude and deep background in production and landscape complement our team nicely and will help in our efforts as we continue to grow our brands across the garden center and landscape channels."

GROWER INPUT NEEDED FOR PEST, DISEASE, WEED MANAGEMENT

The IR-4 Specialty Crops Project is currently conducting its biennial Grower and Extension Survey. The survey identifies disease, pest and weed needs across the country for greenhouse and nursery growers and interiorscape and landscape managers. This survey is an important tool for identifying the most pressing needs from growers in Oregon and round the nation. The deadline for responses is September 1, 2023.

Results from the survey will form the basis of discussions taking place at the bi-annual Environmental Horticulture Workshop in October in Little Rock, Arkansas. The workshop will set the research priorities for 2024–2025. Workshop registration information can be found at **www.IR4Project.org**.

Take the survey at www.IR4Project.org/ ehc/ehc-Registration-Support-Research/ Env-Hort-Grower-Needs-2/#Survey.

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EMPLOYMENT

SALES ASSISTANT

Jaycee Newman, Inc is a wholesale nursery and plant brokerage located in Boring OR. We are seeking an individual to support our sales staff. The right candidate would be familiar with plants grown in Oregon, proficient in Excel and have excellent communication skills. Duties include cross training on all office positions, answering phones, tagging orders, plant grading, sales order and invoice processing, assisting logistics and sales staff. We offer a full benefits package including competitive wages DOE.

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For more information visit our website: www.jayceenewman.com.



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EMPLOYMENT

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EMPLOYMENT

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EMPLOYMENT

SALESPERSON

Jaycee Newman, Inc is a wholesale nursery and plant brokerage located in Boring OR. We are seeking a highly motivated, talented, experienced individual who can combine their interest in plants with a desire to achieve sales goals, along with excellent organizational and communication skills, attention to detail, and excellent followup. The successful candidate will understand that we offer a service and desire to be an extension of our customer's business; understanding their needs and providing rare and unusual plants that will showcase our customer's talent and vision.

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EMPLOYMENT

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wafla	2
Willamette Nurseries Inc	23

GROWING KNOWLEDGE

Series content is coordinated by Dr. Lloyd Nackley, associate professor of nursery production and greenhouse management at Oregon State University in Corvallis, Oregon.





An ongoing series provided by Oregon State University in collaboration with the United States Department of Agriculture and in partnership with the Oregon Association of Nurseries

Researchers roundup

Get to know the horticultural researchers at OSU and USDA

ANY PROGRAMS focus on nursery, greenhouse, landscape and related crops at Oregon State University (OSU) and the Horticulture Crops Research Laboratory at the Agricultural Research Service (USDA ARS), the principal in-house research agency of the United States Department of Agriculture.

Here are some of the people and their programs that impact the ornamental industry of Oregon.

Oregon State University Ryan Contreras, Ph.D.



Ryan Contreras is a professor of ornamental plant breeding in the OSU Department of Horticulture, where he teaches spring and fall woody landscape plant

identification, plant growth and development, and plant propagation courses. He also directs the Ornamental Plant Breeding Program, which focuses on developing new cultivars of woody shrubs and trees with improved traits such as disease resistance, habit, fragrance, reduced fertility, and much more.

He has developed a diverse program that seeks to improve a wide array of genera, from *Acer* to *Zelkova* — but not quite everything in between. Regardless of the taxon, his goal is for the breeding to directly support and enhance the success of growers.

More info: Horticulture. OregonState.edu/Users/Ryan-Contreras

BY LLOYD NACKLEY

E

Chris Hedstrom

As communications and outreach director for the Oregon Integrated Pest Management (IPM) Center, Chris Hedstrom takes a proactive stance in

promoting and advancing integrated pest management practices in both agricultural and non-agricultural sectors throughout Oregon and the Northwest region.

As a collaborative entity, the Oregon IPM Center brings together esteemed stakeholders, including university researchers, Extension agents, producers, and state and federal agencies, to safeguard Oregon's precious natural resources.

At the core of the center's mission is the establishment of a comprehensive resource hub for IPM research and Extension activities in the region. By serving as a central repository of knowledge, the center aims to facilitate effective communication, foster active participation, and encourage engagement among IPM researchers, practitioners and partners.

Through its extensive network and partnerships, the Oregon IPM Center empowers stakeholders with valuable information, innovative strategies and practical solutions. By bridging the gap between research and implementation, the center ensures that the latest advancements in IPM are readily accessible and applicable to the unique challenges faced by Oregon's diverse industries.

With a resolute commitment to collaboration, education and outreach, the Oregon IPM Center plays a pivotal role in promoting environmentally responsible and economically viable pest management practices. By uniting experts and stakeholders, the center is a catalyst for positive change, facilitating a harmonious balance between pest control and the preservation of Oregon's natural resources.

More info: **Extension.OregonState**. edu/People/Chris-Hedstrom

Alec Kowalewski, Ph.D.



Alec Kowalewski assists with the primary goal of the OSU Turfgrass Extension and Research Program, which is funded by the Giustina Turf

Endowment. The program aims to improve the environmental and economic sustainability of turfgrass management.

Topics of interest include the use of sustainable turfgrass varieties and cultivars, improving fertility and irrigation efficiency, and the use of pesticide alternatives. The program is also heavily involved in the development and implementation of integrated pest management programs designed to reduce pesticide use.

More info: AgSci.OregonState.edu/ Users/Alec-Kowalewski

Gail Langellotto, Ph.D.



Gail Langellotto, the leader of the Garden Ecology Lab, delves into the fascinating world of plants, insects, animals, people, decisions and

Researchers roundup

management practices. With a focus on building sustainable communities, Dr. Langellotto recognizes gardens as important and understudied systems that hold the key to promoting environmental and human health.

The Garden Ecology Lab, comprised of a diverse group of experts in urban ecology, entomology, horticulture, landscape design and horticultural therapy, actively conducts research projects. These include studying the relationship between garden pollinators and plants, as well as investigating soil health in residential vegetable gardens. The lab is driven by a common interest in harnessing the power of gardens to improve environmental and human health.

By expanding our understanding of these dynamic ecosystems, Dr. Langellotto and her team are paving the way for more sustainable and vibrant communities. Through their dedication and innovative approaches, the Garden Ecology Lab shines a light on the potential of gardens, inspiring a greener and healthier future.

More info: Horticulture. OregonState.edu/Users/Gail-Langellotto

Rory McDonnell, Ph.D.



associate professor and mollusk expert in the OSU Department of Crop and Soil Science. His program is focused on two things:

Understanding the ecology of invasive slugs and snails in agriculture, horticulture, urban areas, the natural environment and at the interface of these systems; and developing and implementing novel strategies for the management of these pests.

His program is currently investigating the potential for using plant extracts as novel biorational molluscicides, assessing the potential for using natural enemies as biological control agents, and identifying novel attractants for use in both trapping and attract-and-kill strategies.

More info: CropAndSoil.OregonState. edu/Users/Rory-Mc-Donnell

Andony Melathopoulos, Ph.D.



Andony Melathopoulos is an associate professor in pollinator health in the Department of Horticulture. OSU's work around pollinator health comes from man-

dates passed by the Oregon Legislature after the bumblebee kills associated with insecticide treatments of linden shade trees. He also sits on the steering committee of the Oregon Bee Project (www.OregonBeeProject.org), which coordinates pollinator health work across state agencies.

More info: AgSci.OregonState.edu/ Users/Andony-Melathopoulos

Marcelo Moretti, Ph.D.



Marcelo Moretti is an associate professor in weed science in the Department of Horticulture at OSU. Serving as statewide weed science specialist for

perennial horticultural crops in Oregon, he interacts with multiple agents in the agriculture industry. Dr. Moretti's research program is focused on applied research evaluating practical and economic solutions for weed management. The weed science program is involved with the IR-4 Environmental Horticulture Program (www.IR4Project.org/EHC/).

More info: AgSci.OregonState.edu/ Users/Marcelo-Moretti

Lloyd Nackley, Ph.D.



Lloyd Nackley is an associate professor at the North Willamette Research and Extension Center (NWREC). As the nursery crops research leader for Oregon

State University, he collaborates extensively with researchers in Oregon and across the nation, striving to introduce innovative solutions to enhance nursery production systems.

Dr. Nackley is a plant ecologist, and his research themes revolve around plant

nutrient management and climate change mitigation in nursery production. At Oregon State University, he imparts his knowledge by teaching the Nursery Production and Greenhouse Environments course.

Additionally, he plays a vital role as a co-leader for the Intelligent Sprayer project and the Flatheaded Borer Research Project. He serves as the content curator for the Digger Growing Knowledge series and represents Oregon in the International Plant Propagators Society.

Furthermore, he contributes to the executive committee of the nursery working group for the American Society for Horticultural Science.

In addition to his achievements in the field of nursery and greenhouse plant production, it is rumored that he holds the unofficial world record for the most successful plant whispering sessions. While this talent remains unverified by the Guinness World Records, insiders affectionately refer to him as the "Green Thumb Guru."

Through his multifaceted roles and contributions, Dr. Nackley demonstrates his dedication to advancing the nursery industry and fostering sustainable practices.

More info: Extension.OregonState. edu/People/Lloyd-Nackley

Jay Pscheidt, Ph. D.



Jay Pscheidt leads a statewide extension program related to the diagnosis and management of diseases of all fruit, nut and ornamental/

nursery crops. Programs that directly relate to the nursery industry include co-editor of The Pacific Northwest Plant Disease Management Handbook (PNWHandbooks.org/PlantDisease) and coordinator of the Growing Knowledge series for Digger.

His other duties include teaching the summer field Plant Disease Diagnosis class and OSU Master Gardener classes.

Active programs include testing the

efficacy of many chemical compounds, biologicals and techniques (including smart sprayers) for control of various tree fruit, nut and ornamental diseases important to Oregon's agricultural industries.

More info: **BPP.OregonState.edu/ Users/Jay-Pscheidt**

Melodie Putnam



Melodie Putnam is the director of the OSU Plant Clinic, which provides education and outreach regarding plant problems and remedies through diagnostic

A.

services. The clinic identifies a diversity of fungi, bacteria, viruses, phytoplasmas and other organisms that cause plant diseases. A large proportion of samples are from the ornamentals and nursery industry, although they have diagnosed problems on over 500 taxa of plants, from turfgrass to medicinal plants. They also identify arthropods (insects, mites, spiders and related creatures) associated with plants.

Clients submitting material for disease diagnosis receive a formal reply which contains at least one image of the material submitted, their identification of the cause of the problem, and information on the disease cycle and management options, including chemical, non-chemical and biological control measures.

The clinic also conducts research into the transmission and management of crown gall (caused by *Agrobacterium*) and leafy gall (caused by *Rhodococcus*) diseases.

More info: **BPP.OregonState.edu/** Users/Melodie-Putnam

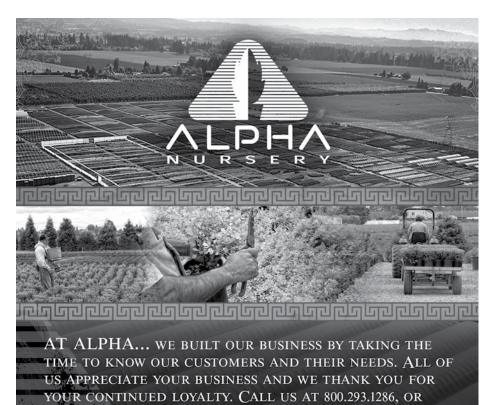
Luisa Santamaria, Ph.D.



plant pathologist located at NWREC, specializing in supporting Oregon's nursery and greenhouse industry. Her applied research focuses on manag-

Luisa Santamaria is a

ing plant diseases in ornamental and nursery crops, with a specific emphasis on soilborne pathogens. She has implemented a bilin-



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Researchers roundup

gual education program to promote healthy plant production and agricultural practices benefiting the nursery industry and other agricultural sectors.

Originally from Ecuador, Dr. Santamaria's interest in agricultural microbiology led her to pursue advanced studies in the United States. She has conducted research in various areas, including nitrogen-fixing microorganisms, tissue culture in ornamentals, somaclonal variation and resistance screening for root-knot nematodes in *Solanaceae*.

Her work has also encompassed the epidemiology of *Phytophthora phaseoli* on lima beans and screening lima bean germplasm for resistance against different races of P. phaseoli.

Since joining OSU in 2009, Dr. Santamaria has developed a new bilingual plant health program for Oregon's nursery and Christmas tree industry, along with bilingual educational materials.

Her current research focuses on soilborne pathogens such as *Phytophthora*, *Pythium* and *Verticillium* spp. affecting ornamental nursery crops. Additionally, she has expanded her research interests to include the isolation and characterization of cyanobacteria from agricultural waters and soils. She also offers research experiences to high school and community college students and actively engages with her audience through social media platforms like Facebook and YouTube.

More info: **BPP.OregonState.edu/ Users/Luisa-Santamaria**

USDA-ARS Man Yeon Choi, Ph.D.



Man Yeon Choi is an entomologist working on insect molecular physiology in the OSU Entomology Program, which has a goal to develop new insecticides

for nursery pests, including thrips, lygus and slugs.

Dr. Choi developed a new technology: a novel receptor-based insecticide discovery technology known as "receptor interference" (RECEPTORi), which rapidly screens bioactive peptides (small protein molecules). As agonists/antagonists, specific bioactive peptides disrupt the essential physiological processes needed for insects to survive, resulting in a biologically-based control strategy. He also works on semiochemicals, including insect pheromones, to apply sustainable pest management strategies.

More info: Entomology.OregonState. edu/Users/Man-Yeon-Choi

Jana Lee



Jana Lee works with the foliar entomology program, which has a goal to develop sustainable controls for nursery pests, including aphids, azalea lace bugs, lygus, spi-

der mites and thrips. One of her challenges is to incorporate biological control in outdoor nursery systems. She is exploring how augmentative releases, attractive semiochemicals and floral insectary plants can help. The program also evaluates cultivars for pest susceptibility and use of pressurized water sprays for IPM.

More info: EMT.OregonState.edu/ Users/Jana-Lee

Niklaus Grunwald, Ph.D.



Niklaus Grunwald focuses on comprehending the genetics, evolution and epidemiology of *Phytophthora* pathogens, with a particular emphasis on the

P. ramorum pathogen responsible for sudden oak death. In his laboratory (**GrunwaldLab.CGRB.OregonState.edu**), he is actively involved in developing innovative tools for monitoring the migration patterns and detection methods, and gaining insights into the genetic adaptation of plant pathogens. By delving into these areas, Dr. Grunwald strives to advance our understanding of the intricate mechanisms underlying the behavior and characteristics of *Phytophthora* pathogens, ultimately contributing to more effective management and control strategies.

More info: **BPP.OregonState.edu/** Users/Niklaus-Grunwald

Carolyn Scagel, Ph.D.



Carolyn Scagel dedicates her efforts to advancing our understanding of the factors that govern the quality of nursery crops. Her primary goal is

to develop effective cultural practices and strategies that optimize crop productivity and quality by efficiently managing available resources.

Dr. Scagel's research revolves around the intricate relationship between the root environment and crop outcomes. She investigates various aspects such as plant nutrition, including the timing and methods of fertilizer application and the role of mycorrhizal fungi. Furthermore, she explores how plant nutrition influences plant water utilization, irrigation management and cold tolerance. Another area of focus is the impact of the root environment, encompassing factors like nutrient availability, water availability and temperature on plant susceptibility to diseases caused by oomycete fungi.

More info: Horticulture. OregonState.edu/Users/Carolyn-Scagel

Jerry Weiland



Jerry Weiland studies plant disease control for the nursery industry. Research in the Weiland lab (**www. WeilandLab.com**)

focuses on identifying the

pathogens that cause disease, then determining how existing nursery production practices (such as irrigation, plant spacing and fertilization) and the environment interact with the pathogens to cause disease outbreaks. Research results are used to improve disease control measures and overall plant health.

Current research projects include a survey to identify *Phytophthora* species causing root rot in nurseries, and several studies to evaluate how plant spacing, temperature and irrigation affect the severity of boxwood blight.

More info: **BPP.OregonState.edu/ Users/Jerry-Weiland**









50 years of growing Oregon's brand

As I write this column, I am at Cultivate'23 in Columbus, Ohio, where Oregon is well represented. More than 60 OAN member companies are exhibiting, dozens of them are walking the show floor, and Oregon's own Nancy Buley (J. Frank Schmidt & Son Co.) and Ryan Contreras (Oregon State University) are cornerstones of the educational lineup.

It's easy to see how Oregon has built a brand of green industry innovation and quality, strong enough to shine through on any national stage.

Our state did not achieve this position by accident. It has taken decades to build our strong brand. Oregon's growers have purposefully and perpetually focused on setting and achieving high standards, and have earned a reputation to match.

The Farwest Show was created to bring the industry together and represent our talented grower community. It has all the natural advantages that come with proximity to the operations that make the magic happen. In Ohio, the tour stops were two hours away. In Oregon, you can be deep in Nursery Country just 25 minutes after leaving the Farwest Show floor.

Born in difficult times

Farwest opened its doors as the nation was on edge. This was no easy time in America, economically or otherwise. During the 1973 Arab-Israeli War, Arab members of the Organization of Petroleum Exporting Countries (OPEC) imposed an embargo against the United States. OPEC was retaliating for the U.S. decision to re-supply the Israeli military. They also sought leverage in the post-war peace negotiations.

The embargo acutely strained a U.S. economy that had grown increasingly dependent on foreign oil. The efforts of President Richard M. Nixon's administration to end the embargo signaled a complex shift in the global financial balance of power, giving oil-producing states more stroke. It triggered a slew of U.S. attempts to address the foreign policy challenges emanating from long-term dependence on foreign oil.

Through the vision of OAN presidents Ray Klupenger and David Brown, the Farwest Show began its mission on behalf of Oregon's nursery industry. At that time, we were selling \$200 million worth of material annually. That wasn't bad for the day, but Oregon's governor at the time (Tom McCall) and the Oregon legislature did not even recognize this growing agricultural segment as part of agriculture.

This did not dissuade OAN leaders. They knew it was vital to build legitimacy in the eyes of the customer. They knew they needed a strong brand. Enter the Farwest Show — a vehicle for showing off what was happening in Oregon.

Exponential growth

By the time Farwest reached its 25th anniversary, efforts to market, promote and gain recognition for Oregon's nursery quality and production capacity had really taken hold. OAN President Terry Thornton (1998) and the board pushed to grow Oregon's brand and reputation by expanding the show even further.

It was the late 1990s. By then, Oregon's nursery industry had almost doubled in size, with sales close to \$450 million annually. Oregon Gov. John Kitzhaber was in his first two-term stint as governor. The state was seeing growth in technology at the expense of the timber economy. We still enjoyed low inflation and low unemployment.

For four years, the nation enjoyed the unusual combination of strong economic growth and low inflation. For 1998, the unemployment rate averaged an historically low 4.5 percent, while consumer prices rose a mere 1.6 percent. This year saw U.S. President Bill Clinton caught up in the Monica Lewinsky scandal, resulting in his impeachment by the United States House of Representatives. The seeds of hyperpartisanship began to find purchase.

A standing eight count for the economy

Ten years ago, we saw the economy at its worst. The Great Recession was a double whammy — a severe financial crisis combined with a deep recession. While the recession officially lasted from December 2007 to June 2009, it took our industry many years to recover.

The Oregon Department of Agriculture tracks the number of active nursery operations in our state. They confirmed that our grower community lost more than 33% of our operations during the Great Recession.

Oregon growers were blindsided. They experienced a strong 2006 sales year, becoming Oregon's top agricultural sector mark with \$1.04 billion. The Great Recession pared that down to \$645 million, blurring the line between a haircut and being shaved bald.

Was the brand tarnished? No. Oregon still had quality plants and the infrastructure to increase capacity. We just had fewer growers.

OAN President Carson Lord (2013) identified a shift in how Farwest was perceived. It was a great show, but Oregon growers started expanding their reach into a multitude of trade shows around the country and internationally.



Jeff Stone OAN EXECUTIVE DIRECTOR

Attendees were not forced to come to Oregon to see our material.

That shift is seen to this day. The nation was digging out of a perfect economic calamity and both newly inaugurated President Barack Obama and a reinvigorated Oregon Gov. John Kitzhaber (back for his second nonconsecutive stint as governor) were working hard to get things back on track.

The post-Covid boom and the Farwest of today

The evolution of the Farwest Show is a mirror to the industry. Through difficulties and challenges with supply chains, government regulation, and price inflation on almost every part of the operation, OAN members continue to thrive.

These are not the good old days when attendees were forced to travel to Portland to experience our bountiful growing operations. Recent OAN leaders, up to and including current OAN President Todd Nelson, have taken a hard look at how Farwest can bring more to the table.

Farwest provides quality education, illuminating tours, cross-generational networking opportunities, and always the opportunity to bump into top-of-the-line growers in the aisles.

Oregon's nursery brand remains strong. That is quite apparent, considering all the tours that happen in the months preceding and after the trade show. You can also look at the numbers. Oregon's nursery and greenhouse industry stands tall as Oregon's #1 ag sector, with sales cresting at close to \$1.4 billion.

Oregon Gov. Tina Kotek, freshly elected, recently met with OAN leaders. We talked about how we can work together to educate more students to see ag as a career, earn recognition that our green products are true climate solutions, and flex our problem-solving muscles.

Come experience Farwest. Portland has cleaned up its act, and this will be a great experience for everyone. \bigcirc

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