For more than 80 years, the Oregon Department of Agriculture has provided service and expertise, not just to those whose livelihoods depend on agriculture, but all citizens of the state. There have been many changes over the decades, but some of the same issues and responsibilities for our agency have carried over into a new century.

ODA remains committed to its three-fold mission of food safety and consumer protection, protection of the state’s natural resources, and market development for Oregon’s agricultural products. Core values guide the actions of ODA employees as they carry out the mission of the agency:

- Honesty, integrity, and fairness
- Technical and professional competence
- Respect for people and property
- Practical approaches to problem solving
- Quality customer service

We are determined and motivated to provide service in an efficient, practical, and friendly manner that meets a high standard of professionalism. We understand the need to be flexible and innovative as we work to solve problems, create opportunities, and offer good customer service.

The 2015-16 Biennial Report describes in detail our programs, goals, and accomplishments over the past two years. Behind the text and pictures in this publication, you will find dedicated state employees who understand and deliver the commitment we pledge each day to fulfill our mission.
## Contents

- State Board of Agriculture .................................. 1
- Agency Overview ............................................. 2
- Administration & Support Services ......................... 3
  - Director’s Office ........................................... 3
  - Information Office ......................................... 5
  - Administrative Services .................................. 5
- Internal Services & Consumer Protection Programs ........ 7
  - Weights & Measures Program .............................. 7
  - Motor Fuel Quality ......................................... 8
  - Laboratory Services ....................................... 9
  - Special Programs .......................................... 10
- Food Safety & Animal Services Programs .................... 12
  - Animal Health Program ................................... 12
  - Animal Feeds Program .................................... 13
  - Animal Identification Program ........................... 13
  - Food: Manufacturing & Retail Safety Program .......... 14
  - Food: Dairy, Meat, & Egg Programs ....................... 15
  - Food: Seafood & Shellfish Program ....................... 15
- Market Access & Certification Programs ..................... 17
  - Certification Services ...................................... 17
  - Shipping Point Inspection Program ......................... 18
  - Plant Health Program ..................................... 18
  - Seed Program ............................................... 19
  - Industrial Hemp Program .................................. 20
  - Trade & Market Development: International ............... 20
  - Trade & Market Development: Local & Domestic ........ 21
  - Specialty Crop Block Grant Program ....................... 22
  - Farm to School Program ................................... 23
  - Commodity Commission Oversight Program ............ 24
- Natural Resource Programs .................................. 25
  - Water Quality Program .................................... 25
  - Confined Animal Feeding Operations (CAFO) Program .... 25
  - Water Resources/ Water Quantity Program ............... 26
  - Soil & Water Conservation Districts Program .......... 27
  - Pesticides Program ........................................ 27
  - Fertilizers Program ........................................ 29
- Plant Protection & Conservation Programs .................. 30
  - Insect Pest Prevention & Management Program .......... 30
  - Native Plant Conservation Program ....................... 31
  - Noxious Weed Control Program ........................... 32
  - Nursery & Christmas Tree Program ....................... 34
- ODA Directory ................................................. 37
A 10-member State Board of Agriculture, appointed by the governor, advises the Oregon Department of Agriculture (ODA) on policy issues and development of rules. Board members serve four-year terms with a maximum of two terms.

State law requires seven of the appointed members to be farmers or ranchers who represent different segments of agriculture; two board members must represent consumers; and, the 10th member is the chair of the Soil and Water Conservation Commission. The board serves to keep ODA’s director in close touch with the day-to-day issues of producers and consumers.

The ODA director and the dean of the College of Agricultural Sciences at Oregon State University serve as ex-officio members of the board without the right to vote.

The board meets four times a year in locations around the state. In addition to meeting in urban centers such as Portland and Salem, the board also took advantage this biennium of an opportunity to connect with the agricultural and food sectors east of the Cascades by listening to local panels of producers and agricultural companies in Boardman, Pendleton, and John Day. This engagement helps the board meet its duty of representing the diversity of Oregon agriculture.

Another major responsibility of the board is to produce a State of Oregon Agriculture Industry Report that is presented to the governor and the state legislature every two years. The report is published as a companion document to ODA’s Biennial Report.

In this report, the State Board of Agriculture develops key policy initiatives and recommendations that speak to long-term viability and sustainability of Oregon’s farms, ranches, fisheries, and forests. This year the board chose focus on five key issues for agriculture:

- Food safety and the Food Safety Modernization Act
- Market access and certification programs
- Land use and coexistence
- Water quantity and quality
- The agricultural workforce

Additional issues and stories about Oregon agriculture are woven throughout the regional geographic sections of the report.

Investments and policy recommendations in key areas include:

- Recognize, support, and promote the diversity of Oregon’s agricultural, food, and beverage industries.
- Support and maintain robust local, domestic, and international market opportunities for Oregon’s agricultural and food sector.
- Continue to invest in water quality and quantity projects to support agriculture in all parts of the state.
- Support capacity building for ODA’s food safety program in order to ensure safe food for all Oregonians.
- Develop strong policies to maintain agriculture as a primary land use, especially in Exclusive Farm Use zones.
- Urge Congress to fully fund the Food Safety Modernization Act and advocate for comprehensive immigration reform.

In the geographic sections of the report, issues may be highlighted in just one region, but are often important to agriculture in other parts of the state.

The full board report to the legislature is available on the ODA website: bit.do/BoardReport
## Agency Overview

### Legislatively Adopted Budget 2015-2017

Total: $105,828,908

- **36%** Natural Resources
- **31%** Food Safety & Consumer Protection
- **23%** Market Access, Development, Certification & Inspection
- **10%** Admin & Support Services

### ODA Staff by Location

ODA provides services across the state with field staff based in strategic geographic locations.

**Budgeted positions: 527**

### Agency Organizational Chart

- **Director**
- **Deputy Director**
- **Budget**
- **Cannabis**
- **Human Resources**
- **Information Office**
- **Legislative Coordination**
- **Special Projects**
- **Assistant Director**

### ODA Provides Services Across the State with Field Staff Based in Strategic Geographic Locations

**Note:** Larger circles reflect multiple cities in the region, not quantity of employees.

### ODA Staff by Location

#### Budgeted positions: 527

- **Oakland**
- **Culver**
- **Hereford**
- **Wallowa**
- **Silver Lake**
- **Lakeview**
- **Jordan Valley**
- **Union**
- **Coquille**
- **Brookings**
- **Princeton**
- **Paisley**
- **Vale**
- **Adel**

**Note:** Larger circles reflect multiple cities in the region, not quantity of employees.

### Agency Organizational Chart

#### Market Access & Certification Programs

- Agricultural Development & Marketing
- Certification Services
- Commodity Commissions Oversight
- Commodity Inspection
- Farm to School Program
- Industrial Hemp
- Plant Health Lab
- Seed Program
- Shipping Point Inspection
- Specialty Crop Block Grant Program

#### Food Safety & Animal Services Programs

- Animal Health & Lab
- Animal Identification
- Commercial Animal Feeds
- Food Safety
- Shellfish Biotoxin Testing
- Shellfish Plant Leasing
- State Veterinarian

#### Natural Resource Programs

- Agricultural Water Quality
- Confined Animal Feeding Operations
- GIS Mapping
- Land Use
- Pesticide Analytical & Response Center
- Pesticide & Fertilizer Programs
- Smoke Management
- Soil & Water Conservation Districts Program

#### Plant Protection & Conservation Programs

- Insect Pest Prevention & Management
- Noxious Weed Program
- Nursery & Christmas Tree Program
- Nursery Research Grant Program
- Native Plant Conservation

#### Internal Service & Consumer Protection Programs

- Egg Laying Hens
- Laboratory Services
- Metrology Lab
- Motor Fuel Quality
- Weights & Measures
- Wolf Compensation

### ODA Staff by Location

**Note:** Larger circles reflect multiple cities in the region, not quantity of employees.
INTRODUCTION
Administration and Support Services manages the executive functions of the agency and provides critical core infrastructure, such as business, accounting, and technical support for agency programs and customers. The program also administers the Farm Mediation Program, coordinates cannabis policy, and works closely with the agricultural and ranching communities.

DIRECTOR’S OFFICE
What we do
• Provide executive oversight of all ODA functions while working with the Governor’s Office, Legislature, other state/federal agencies, and agricultural/consumer groups to carry out the state’s agricultural policies.
• Advocate for agriculture, and educate Oregonians on its importance through speaking opportunities, publications, media relations, and other communication avenues.
• Provide administrative support for the State Board of Agriculture.
• Provide technical assistance to farmers as well as local, regional, and state governments on land use proposals.
• Serve as a liaison between ODA and Oregon’s congressional delegation, track federal policy issues including the farm bill, Food Safety Modernization Act, and immigration reform.
• Attend meetings and represent ODA on task forces and work groups, including the Cannabis Environmental Best Practices Task Force, Agriculture Work Force Housing Task Force, the Governor’s Regional Solutions teams, and the Oregon Agriculture in the Classroom Board.
• Provide oversight and leadership for the Oregon Farm Mediation Program, making agriculture dispute resolution services available across Oregon for labor disputes, boundary/trespass conflicts, family farm transition, and other issues.
• Participate as a member in the state agency-Tribal Natural Resources work group and the Cultural Cluster work group to promote communication between ODA and Oregon’s nine federally recognized tribes.
• Create and maintain web pages on grants and financial assistance to growers, disaster preparation and response, youth tractor training programs, farm internship programs, and beginning and small farm resources.
• Work with Oregon Liquor Control Commission and Oregon Health Authority as they implement rules related to recreational and medical marijuana, and coordinate with ODA programs that affect cannabis production, processing, wholesale, and retail activities.
• Conduct state-supervised price negotiations for grass seed and Dungeness crab industries.

Major accomplishments
• Initiated work on an updated agency strategic plan, collecting data from stakeholders and staff, and beginning to identify priorities, goals, and tactics. The new strategic plan is expected to be completed in 2017.
• Promoted Oregon agriculture locally, regionally, and internationally through appearances, speeches, media interviews, and trade mission participation by Director Katy Coba and other key agency officials.
• Coordinated agencywide and multi-agency responses to emergency situations, including drought declarations and another discovery of genetically engineered wheat in the Pacific Northwest.
• Provided leadership in response to the Food Safety Modernization Act through Director Coba’s efforts as a key member of the National Association of State Departments of Agriculture (NASDA). This included the development of official comments and responses to the implementation of rules and
their impact on Pacific Northwest agriculture.

- Created outreach materials targeted to the cannabis industry, presented at numerous meetings, and provided assistance to industry and sister state agencies through the Cannabis Policy Coordinator position in the Director’s Office.

- Created the Western States Cannabis Meetings, which provide opportunities for coordination among western states with cannabis programs on the topics of pesticides, food safety, and general cannabis regulations.

- Provided analysis and technical expertise on land-use policy issues and proposals affecting agricultural lands including urban growth management, the siting of energy facilities, and other non-farm uses. Evaluated existing and possible new tools to accomplish the protection of Oregon’s agricultural lands.

- Provided spatial assessments related to protection of Oregon’s agricultural land base, and associated infrastructure and other operational needs.

- Coordinated the Farm Mediation Program and worked with stakeholders on rule revisions of the program. Completed 13 cases in 2015-16, with nine reaching a settlement. Of the 13 cases, 100 percent of the participants who completed post mediation surveys indicated they would recommend the program to someone else.

- Worked with the State Board of Agriculture to develop the Board’s biennial report to the Legislature.

- Commissioned an updated report by Oregon State University on the agriculture industry’s economic footprint and provided review and input for the final publication. The report, Oregon Agriculture, Food and Fiber: An Economic Analysis, is widely used to document ag sector sales and employment.

- Coordinated with the Washington State Department of Agriculture on a multi-state Asian gypsy moth eradication project that covered thousands of acres and an urban population.

- Conducted state-supervised price negotiations between producers and dealers/processors that resulted in agreements involving grass seed and Dungeness crab.

- Collaborated with state and federal partners, landowners, and other stakeholders on conservation measures that led to improvements to sage-grouse habitat through development of the Oregon Sage-Grouse Action Plan and the landowner Candidate Conservation Agreement with Assurances.

- Provided technical assistance to ODA constituents including the public, agricultural interests, NGOs, and local, state and federal organizations.

- Promote coexistence within a diverse agriculture sector.

**Goals**

- Complete an updated strategic plan for the agency and begin implementation. This includes distribution and communication of the plan to employees, stakeholders, and other key partners.

- Retain a process of continuous improvement within the agency, looking for ways to gain efficiencies and coordination among ODA programs that result in better delivery of core business functions and enhanced customer service.

- Continue working collaboratively with Oregon natural resource agencies, industry partners and interest groups, other states through the National Association of State Departments of Agriculture (NASDA), and federal partner agencies to achieve positive outcomes.

- Maintain the role of the State Board of Agriculture in guiding ODA policy development and ensure that recommendations in the Board of Agriculture Biennial Report are tracked and accomplished.

- Secure adequate funding for ODA programs to efficiently and cost-effectively accomplish the mission and objectives of the agency.

- Increase outreach to cannabis growers, processors, and retail facilities.

- Continue to facilitate communication among ODA programs and the cannabis industry.

- Continue to participate in regional and statewide land use planning activities and to monitor the application of Oregon’s “Right-to-Farm” law.

- Continue to provide technical assistance to ODA constituents including the public, agricultural interests, NGOs, and local, state and federal organizations.
INFORMATION OFFICE

What we do

• Serve as the agency’s first point of contact for external customers.
• Provide communications and information services and assistance to all ODA programs.
• Provide media relations and public information services, including publications and other informational/educational materials.
• Coordinate ODA’s website and social media services while providing assistance to agency staff.

Major accomplishments

• Responded to more than 1,200 requests by media for interviews and information, and more than 14,000 telephone or email requests for information by the public in 2015-16.
• Provided communication and information services as part of the Asian gypsy moth eradication project in Portland, including assistance at public open houses and delivering real-time status updates to media and public during the spraying.
• Increased social media followers and engagement on Facebook by more than 80 percent and Twitter by more than 40 percent over 2015-16.
• Worked with ODA’s Agricultural Development and Marketing Program to produce a second edition of Growing Oregon, a widely distributed magazine aimed at consumers of Oregon agriculture.
• Assisted with the creation of a new Celebrate Oregon Agriculture (COA) blog and a grant to dramatically increase followers and engagement on the COA Facebook page. Also added a COA Instagram account.
• Increased photos and albums on Flickr photo sharing site for agency and public use, including the hugely popular “spiders” album.
• Developed event materials for special projects, including a national Specialty Crop Block Grant Program Conference, avian influenza educational materials, design for the Invasive Species Education Station, insect identification guides, and a cannabis infographic and fact sheets.
• Created the “What is a Pesticide?” video, available on YouTube with plans to produce a Spanish version of the video. This is the first in a series of pesticide-related videos to be produced by the Information Office.
• Continued to modify and improve the ODA website.

Goals

» Increase engagement of the public through social media channels. This includes more investment in Facebook content and an improved social media calendar for strategic messaging.
» Create a strategic communications plan for the agency that supports the goals and objectives of the agency strategic plan that is currently being developed.
» Develop a series of short videos that explain the jobs and functions of ODA.
» Continue to enhance and refine ODA’s website through analytics and customer feedback.

ADMINISTRATIVE SERVICES

What we do

• Provide support for all of the department’s programs in areas of financial management, licensing, contracts and procurement, human resources, and computer information systems. Through department programs, administrative services interacts with all of ODA’s diverse customer base.
• Make payments for all goods and services purchased by the department as well as reimbursements for expenses; coordinate, train, and oversee compliance with travel rules; administer Small Purchase Order
Recruit, maintain, and retain
Continue to receive annual State
Maintain optimum level of vehicles
Implement a system to allow online
Create an online system for
Further develop ODA’s technical department’s network; deploy,
• Assist Director’s Office in the development and control of the department’s biennial budget; prepare quarterly allotments; provide expenditure and cash flow information; prepare fiscal impact analyses of proposed legislation; analyze fund balances and prepare forecasts.

• Provide centralized department licensing functions, including auditing of license applications, issuing of license renewals and certificates, and monitoring license activities.

• Develop, establish, and administer department contracts; act as central procurement authority for the department; provide building maintenance and fleet management.

• Prepare monthly payroll; process health, dental, life, and disability insurance applications in addition to other voluntary deductions.

• Coordinate employee training, recruitment, hiring, job classifications, diversity management, and labor relations.

• Maintain department’s computer infrastructure, including hardware and software that comprises the department’s network; deploy, configure, maintain, and monitor network equipment; develop and support custom business applications; provide help desk service and support.

Major accomplishments

• Enhanced online license renewal and payment system for ODA licensees, adding additional features and simplifying the customer experience. Enhanced features include addition of brand renewals, as well as allowing customers to add products to their veterinary product registrations and pesticide products registrations. Modified renewal notices to eliminate large volume of paper and replaced with postcards. Created a new voucher option for customers who wish to calculate their fees online and send payment by mail. For the June 2015 license renewal period, 40% were renewed online. For the December 2015 license renewal period, 66% were renewed online. For the June 2016 license renewal period, 91% of all licenses renewed to date, were renewed online.

• Received State Controller Gold Star Certificates, once again, for ODA and the Commodity Commissions. Certificates are awarded to state agencies that meet requirements related to timeliness, accuracy, completeness, communication of important issues, and training attendance as part of the state of Oregon’s Comprehensive Annual Financial Report.

• Implemented enterprise model of fleet management for ODA’s 235 vehicles and began using new web based fleet management system (Fleet Commander), which allows staff to reserve ODA motor pool vehicles online and retrieve keys from automated key box system. New fleet system increases utilization of vehicles and inventory tracking, life-cycle processing, and other reporting capabilities. Also surplused 73 older vehicles and replaced them with new models, increasing gas mileage, dependability, and safety while lowering maintenance costs.

Goals

» Recruit, maintain, and retain highly qualified staff who are provided with the necessary tools to service a wide range of complex and valuable programs for Oregon agriculture and consumers statewide.

» Further develop ODA’s technical infrastructure and capacity to provide effective and efficient service delivery.

» Implement a system to allow online payment for accounts receivable invoices. ODA invoices customers for a wide variety of fee for service work. This system would allow customers to quickly and easily pay invoices online in a secure environment through US Bank.

» Create an online system for accepting new license applications and payment. ODA’s online license renewal and payment system is only for renewal and payment of current licensees. This system would allow new ODA customers to apply and pay for department licenses, streamlining the process and speeding up issuance of new licenses.

» Continue to receive annual State Controller Gold Star Certificates for ODA and Commodity Commissions.

» Maintain optimum level of vehicles within ODA fleet to optimize and meet utilization goals. Continue to standardize vehicle types in order to gain economies of scale when purchasing new vehicles and to increase the usage of vehicles across agency programs.
INTRODUCTION
The Internal Services and Consumer Protection (ISCP) Program Area provides consumer protection, ensures fair competition among businesses, and facilitates interstate commerce and international trade. This is done by ensuring the accuracy, validity, uniformity, and confidence in Oregon’s Commercial Weighing System; ensuring that motor fuels sold in Oregon meet national standards for quality; providing safe, accurate, timely, and cost-effective laboratory analysis and technical support to ODA regulatory enforcement programs and other local, state, and federal agencies; and providing analytical and technical support for moving value-added food products to domestic and foreign markets. The ISCP Program Area also administers the Wolf Depredation Compensation Financial Assistance Grant and the Egg-Laying Hen Care programs.

WEIGHTS & MEASURES PROGRAM
What we do
• Act as an impartial third-party overseeing Oregon’s commercial marketplace to ensure equity in transactions for the buyer and seller while, at the same time, working to prevent and eliminate fraud and other deceptive and misleading practices.
• Examine and certify approximately 58,000 commercially-used weighing and measuring devices for accuracy and compliance with state and nationally recognized quality standards. This includes conducting annual performance tests on more than 29,000 retail motor fuel dispensers in Oregon. These devices are licensed and examined for accuracy and suitability each year by 18 field inspectors and two field supervisors.
• Respond to and investigate complaints involving discrepancies in weighing and measuring devices, and motor fuel quality issues.
• Provide Oregon industries the highest level of precision calibration available through the metrology laboratory. The lab maintains custody of the state’s mass and volumetric standards for measurement, which are used to 1) provide precision calibration and traceability for over 2,700 standards used in the field by weights and measures inspectors (in order to make sure that the tools used to check weighing and measuring devices for accuracy are, themselves accurate), and 2) provide precision calibration services to more than 140 private high technology, manufacturing, and production firms each year.
• Act as the state’s technical experts and provide technical assistance to businesses in the proper selection and use of weighing and measuring equipment by interpreting the National Institute of Standards and Technology (NIST) Handbook 44, and by collecting and distributing information on the continuing advancement of commercial measurement technology.
• Represent Oregon at the annual National Conference on Weights and Measures, during which laws and regulations, technical codes for weighing and measuring devices used in commerce, test methods, enforcement procedures, and administrative guidelines are developed and adopted by weights and measures regulatory agencies in the interest of promoting uniformity of requirements and methods.

Major accomplishments
• Examined 52,557 (91%) of the 57,486 total weighing and measuring devices licensed in Oregon for 2015 and approximately the same percentage of the 58,500 licensed devices for 2016. These devices are associated with approximately 12,300 businesses and are used to weigh or measure an estimated $107 billion of goods and products each year in Oregon. Determined approximately 85.8% of the weighing and measuring devices examined by field inspectors for 2015-16 were in compliance with national and state weights and measures laws.
• Issued more than 1,000 small scale licenses to the cannabis industry as of 2016, with more expected as newly created licenses for marijuana producers, processors, and wholesalers are issued by the Oregon Liquor Control Commission (OLCC) and Oregon Health Authority (OHA) for recreational and medicinal marijuana businesses, respectively.
• Worked closely with staff at the OLCC and OHA to develop recreational and medical marijuana rules regarding the use of commercial scales in the cannabis industry, and for the packaging and labeling of marijuana and marijuana-derived products, in order to make sure the rules are consistent with ODA weights and measures rules, generally accepted national standards for commercial weighing equipment, Uniform Packaging and Labeling Regulation, and the Fair Packaging and Labeling Act.
• Received, investigated, and resolved 184 complaints regarding weighing
and measuring issues in 2015-16.

• Examined 28,358 fuel-metering devices in 2015, most residing at retail motor fuel sites—with 2,818 (10%) issues found (calibration or display issues, leaky hoses, defective switches, etc.) warranting appropriate compliance action. These fuel meters are used to measure an estimated $5.9 billion of gasoline (including aviation fuel) and diesel fuel sold in Oregon each year.

• Worked in partnership with the agriculture industry (farming, ranching, commercial fishing, processing, wholesale, and retail) to certify weighing and measuring devices and systems that assisted in accurately weighing $5.4 billion worth of agricultural production for 2015 and a similar number for 2016. This included scales and automated bulk weighing systems that assisted in weighing $137 million of commercial fish landings, as well as livestock scales that assisted in weighing $914 million worth of cattle.

• Collaborated with over 170 farmers markets in Oregon in certifying scales, which weighed an estimated $44 million of Oregon’s farm sales in 2015.

• Assisted the Port of Portland in certifying continuous weighing and measuring systems in terminals 4 and 5, which assisted with the weighing and measuring of 7.5 million tons of grain and bulk minerals that passed through the Port in 2015.

• Initiated a project to add remote control to all weight carts that are used to test livestock and truck scales. As a result, inspectors can now operate a 10,000 lb. plus weight cart from a safe distance on potentially uneven terrain and sometimes questionable scale decks while testing a scale. In addition to safety benefits, it is estimated that this modification saves up to 10 minutes of time per scale test as the inspector is no longer required to walk back and forth repeatedly to reposition the cart and to check the scale indicator.

• Teamed with ODA’s Food Safety Program in 2015-16 (through October 2016) as part of the “Just Checking In” efficiencies project and conducted 386 food safety audits at retail food establishments across the state when a weights and measures field inspector was already near, or on-site, for work-related purposes.

• Maintained close partnership and cooperative training effort with the National Institute of Standards and Technology (NIST), the National Conference on Weights and Measures (NCWM), and the National Type Evaluation Program (NTEP). This has resulted in ODA weights and measures staff being nationally recognized as trainers in the area of metrology, liquefied petroleum gas (LPG), retail motor fuel dispensers, and as a NTEP field evaluator for the testing of large scales in the western part of the country.

• Received another outstanding third-party assessment of ODA’s Metrology Laboratory from the National Voluntary Laboratory Accreditation Program (NVLAP), reaffirming the lab as one of the best in the country. The lab also is just one of eight state mass labs nationwide that NVLAP accredited to Echelon 1 mass calibration designation, permitting the highest precision available as required by today’s high technology business sector.

Goals

» Develop a software-based field inspection system to reduce the program’s dependence on handwritten reports.

» Automate measuring processes in the metrology laboratory by replacing, modifying, and augmenting existing measuring equipment.

» Replace four aging liquefied propane gas volumetric testing units with compact high accuracy mass flow meter-based systems.

» Deploy a railroad scale testing unit to replace a nearly 100-year-old railroad scale test car and eliminate the program’s dependence on railroads to convey its test equipment from one licensed railroad track scale to the next (completion expected summer 2017).

MOTOR FUEL QUALITY

What we do

• Ensure that the 2.3 billion gallons of motor vehicle gasoline (including aviation fuel), diesel, and biofuels sold in Oregon each year meet national standards and specifications for quality.

• Test gasoline sold in the retail market to make sure the product’s actual octane rating is consistent with what is posted. This regular testing helps ensure consumers are getting the octane rating they are paying for at the pump.
• Enforce Oregon’s Renewable Fuel Standards of 10% ethanol in gasoline and 5% biodiesel in diesel fuel and respond to consumer complaints regarding motor fuel quality.

• Continue to work with renewable and alternative fuel producers and retailers to develop adequate product documentation and labeling guidelines to make sure that the federal standards for product labeling continue to be met, that consumers are able to make informed buying decisions, and that the program retains its ability to enforce the state’s renewable fuel standard.

(As of August 31, 2016), for visual contamination and excessive water, with 33 tanks having excessive water and being placed out of service until corrected.

• Pulled 92 fuel samples from across the state in 2015 and tested for compliance to American Society for Testing and Materials (ASTM) International quality standards. Of the 92 samples, 33 diesel samples were collected from across the state during the winter months (November through February) as part of ODA’s winter diesel sampling program, in order to test the cold weather operability of the diesel fuel. Considering the individual regions where each fuel sample was collected, all were found to be well-suited as motor fuels given the prevailing temperatures.

• Completed first testing and evaluation of all eight compressed natural gas metering systems licensed to sell as motor fuel at retail in Oregon. During this testing campaign, it was found that one system was operating with a 20% error in favor of the customer, underscoring the benefits of third-party independent evaluation of these systems for not only the consumer, but the seller as well.

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• The main responsibilities of the MFQ Program are accomplished by:
  - Fuel inspections at terminals, wholesale dealers, retail dealers, and in-state biofuel producers
  - Field screenings of fuel for contaminants, octane levels, and biofuel content
  - Fuel sample testing at in-house lab and private lab to prove specification and standards
  - Inspection of fuel storage tanks for water and other contaminants

**Major accomplishments**

- Screened 4,728 motor fuel samples (unleaded, mid-grade, and premium gasoline) from across the state in 2015-16 (as of August 31, 2016) for octane and visual contamination, with 15 samples failing (99.7% compliance rate).

- Examined 8,195 fuel storage tanks from across the state in 2015-16.

**Goals**

» Provide education and training to our staff as the world of motor fuel quality evolves. Provide the best possible specialized equipment to help staff accomplish their job and promote health and safety in the workplace (i.e., implementing more effective ways to control employee exposure to gasoline vapors during meter testing operations.)

» Work toward adding a new mid infrared spectrophotometer to the motor fuel quality laboratory’s inventory to enhance the program’s ability to determine compliance with the state’s renewable fuel standard and to enhance our ability to respond to consumer complaints.

» Continue to work closely with industry representatives in the realm of biofuels, renewable energies, and clean technologies in order to add resilience and certainty to Oregon’s fuel industry, while continuing to implement, regulate, and enforce Oregon’s Renewable Fuel Standard.

» Stay abreast of emerging alternative fuel markets (compressed natural gas, liquefied natural gas, liquefied propane gas, electricity, biomass fuels, etc.) and the new technologies and challenges they may bring. Work with the fuel industry and fuel marketers to facilitate these changes, while providing consumers with the information they need to make informed buying decisions.

**LABORATORY SERVICES**

**What we do**

- Provide organic chemistry, inorganic chemistry, and microbiological testing services for ODA’s regulatory enforcement programs, as well as many private industries and governmental programs.

- Provide analysis and technical support to ODA’s Fertilizer and Pesticide Enforcement programs, as well as many private industries and governmental programs.

- Provide analytical and technical support to ODA’s Confined Animal Feeding Operation (CAFO) Program to improve water quality on agricultural lands.

- Provide analytical and technical support to help facilitate the export of Oregon agricultural products to domestic and foreign markets.

- Provide consumer protection by conducting testing under the Interstate Milk Shippers Program, which allows milk and milk products to move across state lines.

- Conduct testing under the Interstate Shellfish Sanitation Conference’s National Shellfish Program by regularly monitoring bacteria levels in waters. This allows shellfish harvested in
Oregon’s waters to be sold and moved across state lines.

- Serve in the Food Emergency Response Network (FERN), which is activated when a foodborne emergency occurs to help identify the causative agent and source, and assure recovery.
- Provide organic pesticide residue analyses for DEQ Ground Water Program.
- Provide laboratory services for the Environmental Protection Agency, Department of Environmental Quality, Department of Forestry, and other state and federal agencies.

**Major accomplishments**

- Provided internal and external customers with timely and effective analytical responses by conducting 43,000 tests on 12,000 samples from dairy, CAFO, food, fertilizer, pesticides, bay water, shellfish, food exports, and ground water in 2015-16.
- Improved testing turnaround through cross-training staff, (moving to a six-day work week schedule and adding new equipment.
- Received ongoing FDA Cooperative Agreement grant for obtaining International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) 17025:2005 accreditation. Accreditation was granted in September 2016 by the American Association for Laboratory Accreditation (A2LA). With the accreditation, ODA’s laboratory can now demonstrate it has a quality management system to help ensure confidence in food safety testing.
- Participated successfully in multiple proficiency testing programs and several on-site audits by FDA, EPA, and A2LA.
- Implemented process for tracking staff training to ensure staff are cross-trained on specific test methods and maintain competency.
- Acquired and installed a ICP (Inductively Coupled Plasma) analyzer to increase the lab’s capacity for metals and element testing in support of ODA’s fertilizer and pesticides programs.
- Collaborated with applicable ODA program areas (internal clients) to meet evolving testing programs needs.

**Goals**

- Update and replace aging laboratory equipment as funds are made available.
- Continue to seek opportunities to improve work processes for efficiency and effectiveness.
- Work toward improving physical work space to increase efficiency and explore potential for colocating department labs for optimizing shared processes.
- Maintain ISO/IEC 17025:2005 laboratory accreditation and add to its scope by encompassing methods from all analytical program areas.
- Continuing to work toward the purchase and implementation of a new Lab Information Management System (LIMS) to increase efficiencies of the lab and offer real-time access for customers wanting to check on the status of their sample/test results.
- Provide analytical and technical support that facilitates the exporting of Oregon agricultural products to other domestic and foreign markets.

**SPECIAL PROGRAMS**

**What we do**

- Administer ODA’s Wolf Depredation Compensation and Financial Assistance County Block Grant Program. ODA provides pass-through grants to qualified county wolf depredation compensation programs. County programs can distribute compensation to persons who suffer loss or injury to livestock or working dogs as a result of wolf depredation and provide financial assistance to persons who implement livestock management and/or nonlethal wolf deterrent techniques designed to discourage wolf depredation of livestock. The grant program complements and supports the Oregon Department of Fish and Wildlife’s Wolf Conservation and Management Plan in the area of developing and maintaining a cooperative livestock producer assistance program that proactively minimizes wolf-livestock conflict and assists livestock producers experiencing wolf-related livestock losses.

- Administer ODA’s Egg-Laying Hen Care Program, which regulates the manner in which egg-laying hens may be confined in an enclosure. This law is intended to transition commercial egg farms in Oregon away from the use of small battery cages to larger cages and ultimately to enriched colony systems, including cage-free production systems. Among other requirements, the law prohibits the sale (distribution) of eggs or egg products into or within Oregon from hens that are confined, during
the production of the egg, in an enclosure that fails to comply with the space requirements.

**Major accomplishments**

- Facilitated the creation of 15 county wolf programs in the eastern, central, and southern parts of the state, with more counties working toward qualified programs.
- Awarded a total of $17,814 for direct compensation, $79,690 for missing livestock, $190,890 for prevention, and $8,980 for county administration during the 2015 and 2016 grant periods. These award totals were dispersed to 13 county wolf programs across the state.
- Received two federal wolf-livestock demonstration grants from the US Fish and Wildlife Service totaling $72,310 for 2015 to help supplement state general funds directed to ODA’s Wolf Grant Program.
- Conducted first audit of hen care compliance with major commercial egg farm in Oregon.
- Investigated and successfully resolved a case involving a large out-of-state distributor of eggs into Oregon that was delivering non-compliance eggs to a grocery store chain.
- Worked with Food Safety Program field staff to provide educational and compliance literature to egg producers and distributors that do work within Oregon regarding hen care space compliance laws.

**Goals**

- Continue to work with legislators, county officials, and other stakeholders to offer technical support and assist established and emerging county wolf programs.
- Explore alternative revenue streams to help fund ODA’s Wolf Grant Program as the state’s wolf population increases, the number of eligible county wolf programs grows, and the number of grant award applications increases.
- Increase the number of in-state audits of commercial eggs farms in Oregon, while promoting self monitoring and compliance within the industry and referral of complaints to ODA regarding egg compliance issues.
- Work with an advisory group to further refine applicable administrative rules regarding SB 805 and egg-laying hen care.
Food Safety & Animal Services Programs

INTRODUCTION

The Food Safety and Animal Services Program Area (FSAS) inspects all facets of Oregon’s food distribution system (except restaurants) to ensure food is safe for consumption, protect and maintain animal health, and ensure animal feeds meet nutritional and labeling standards. Specifically, FSAS works to (1) assure a safe, wholesome, properly labeled, and protected food supply, (2) ensure that feed for livestock and animals is wholesome and unadulterated, (3) prevent, control, and eliminate diseases harmful to humans and livestock, and (4) prevent livestock theft. FSAS programs are conducted statewide, affect the state’s food and livestock production and distribution systems, and impact all Oregon consumers.

The food safety portion of the program area issues more than 11,000 licenses and inspects licensed firms. Programs respond to food safety issues to protect the public while working with the food industry through education and collaboration to prevent unhealthy or unsafe conditions in the food supply.

In the animal health portion of the program area, Oregon’s livestock industries and their markets are protected through programs that test for, control, and eradicate animal disease, including those transmissible to humans, and through programs that regulate the movement of livestock and other animals.

In the livestock identification portion of the program area, brand registration and brand inspections protect Oregon’s livestock producers from theft and economic losses, and help producers recover estray animals.

FSAS administers Oregon laws that regulate food, feed, and animal health and identification. To achieve its goals, FSAS works with Oregon industries, local governments, neighboring states, and federal agencies.

ANIMAL HEALTH PROGRAM

What we do

- Prepare for and respond to outbreaks of animal disease.
- Work with veterinarians throughout Oregon to prevent, detect, control, and eradicate animal diseases.
- Complete several thousand veterinary diagnostic tests each year, through the Animal Health Laboratory, to help confirm Oregon livestock’s health status and/or absence of certain diseases and facilitate market access for livestock.
- Issue import permits and process Certificates of Veterinary Inspection required for nearly all animals entering the state to verify these animals meet Oregon’s import requirements for animal health.
- Monitor animal movement, trace disease outbreaks, and employ essential control measures directed toward protecting Oregon’s animals and public.
- Cooperate with other agencies and organizations to control diseases, including USDA, Oregon State University, state public health officials, the Oregon Department of Fish and Wildlife, and the Oregon Veterinary Medical Association.

Major accomplishments

- Issued 8,161 import permits in 2015 covering a total of 246,350 livestock and other domestic animals entering Oregon. In 2016, between January 1, 2016 and September 30, 2016, issued 6,158 import permits covering a total of 125,542 livestock and domestic animals entering the state.
- Developed and launched new database that contains all import permits, Certificates of Veterinary Inspection for animals entering and leaving Oregon, and animal identification tags provided to producers or veterinarians. This database helps ensure rapid traceability in case of disease or disease exposure.
- Achieved a high ranking among US states for rapid response during federal animal traceability exercises.
- Collaborated with Oregon’s poultry producers, state, local and federal agencies, and agricultural organizations to prepare for, and
rapidly respond to, confirmed cases of avian influenza. Introductions of the disease by migratory waterfowl to backyard birds in late 2014 and early 2015 were successfully controlled and eradicated.

- Hired full-time Avian Health Coordinator to help poultry producers participate in the National Poultry Improvement Plan, which facilitates interstate sales of poultry and poultry products. The coordinator also conducted extensive outreach and education to commercial and backyard poultry producers about strategies to prevent the spread of avian influenza and other poultry diseases.

- Maintained Oregon’s disease-free status for tuberculosis, brucellosis, pseudorabies, and pullorum-typhoid by rapidly investigating and responding to reports of potential positive cases, and by collaborating with other state and federal agencies. Maintaining a “free” status facilitates interstate movement of Oregon livestock and poultry.

- Responded to cases of livestock infected by West Nile Virus (WNV). In 2015, there were six reported cases of WNV in horses, with another six horses infected in 2016.

- Conducted education and outreach to Oregon’s cattle industry about prevention of trichomoniasis, a sexually transmitted disease in cattle with significant economic impacts.

- Conducted routine animal health inspections of Oregon’s licensed auction markets, registered feedlots, and exotic animal permit holders.

- Hosted Western States Livestock Health Association conference in 2016 for western state animal health officials. The conference was well attended by federal and state officials.

**Goals**

» Help Oregon’s livestock industries comply with new federal identification and traceability requirements.

**ANIMAL FEEDS PROGRAM**

**What we do**

- Administer Oregon’s commercial feed laws, which apply to all commercial manufacturing and distribution activities involving feed, feed ingredients, and feed additives for all animals, including livestock, aquaculture, and specialty animals.

- License persons manufacturing and/or distributing commercial feed in or into Oregon and regulate package labeling.

- Register and test commercial feed products to confirm that animal feed is safe, meets nutritional guarantees, and is in compliance with state and federal regulations.

- Regulate feed components and enforce the ban on ruminant protein in ruminant feed.

**Major accomplishments**

- Reviewed labels for compliance with state feed requirements for all feeds registered during the 2015 and 2016 registration years.

- Responded to questions regarding the Veterinary Feed Directive (VFD) and hosted an information session for Oregon’s feed industries about the VFD.

- Collaborated with FDA, the American Association of Feed Control Officials, and other organizations on a national project to revise feed and food sampling protocols.

- Responded to questions and provided information about new regulations adopted to implement the Food Safety Modernization Act for animal food and feed.

- Adopted rules to implement SB 255, which updated Oregon’s fees to register veterinary products.

**Goals**

» Continue to work with Oregon’s animal feed industries to ensure feed content is consistent with product labels.

» Respond to potential animal health issues associated with livestock feed.

**ANIMAL IDENTIFICATION PROGRAM**

**What we do**

- Deter cattle and horse theft by having an active livestock inspection program when entering commerce, aided by brand recording for proof of ownership.

- Actively manage the recording of over 11,000 livestock brands that help verify ownership, deter theft, return lost animals to owners, and are a primary tool for animal disease trace-backs.

**Major accomplishments**

- Reviewed labels for compliance with state feed requirements for all feeds registered during the 2015 and 2016 registration years.

- Responded to questions regarding the Veterinary Feed Directive (VFD) and hosted an information session for Oregon’s feed industries about the VFD.

- Collaborated with FDA, the American Association of Feed Control Officials, and other organizations on a national project to revise feed and food sampling protocols.

- Responded to questions and provided information about new regulations adopted to implement the Food Safety Modernization Act for animal food and feed.

- Adopted rules to implement SB 255, which updated Oregon’s fees to register veterinary products.

**Goals**

» Continue to work with Oregon’s animal feed industries to ensure feed content is consistent with product labels.

» Respond to potential animal health issues associated with livestock feed.
• Inspect approximately 1.1 million cattle annually for proof of ownership and interstate movement. Most western states participate in this activity to assure a fair and honest movement of livestock.
• Assist local and state law enforcement in livestock theft investigations.

Major accomplishments

• Conducted brand inspections on 1,019,880 head of cattle in 2015. As of September 30, 2016, conducted 622,422 brand inspections (note: much of the program’s work takes place in the fall so the numbers will be much higher by the end of the 2016).
• Recorded 423 new brands and renewed approximately 2,750 livestock brands in 2015. In 2016, recorded 402 new brands and renewed approximately 2,750 brands.
• Conducted four regional trainings for 65 brand inspectors to help ensure consistency in how inspections and service are provided to livestock producers.
• Collaborated with the Animal Health Program to track livestock movement through Oregon’s licensed auction markets to facilitate traceability.
• Worked with law enforcement and Washington State Department of Agriculture officials to successfully complete an investigation into a livestock theft case. The investigation resulted in prosecution of several individuals and a plea deal for one individual involved with the case.

FOOD: MANUFACTURING & RETAIL SAFETY PROGRAM

What we do

• Inspect establishments engaged in food manufacturing, baked-good production, and retail food sales by focusing on risk factors such as employee hygiene, time and temperature controls, pH, and food and ingredient sources.
• Conduct plan review and provide technical support for food establishments that have yet to become licensed, including label review and comment.
• Provide food safety expertise and oversight to all food establishments (excluding restaurants, which are handled by Public Health Division).

major accomplishments

• Completed Memorandums of Understanding with Oregon Health Authority describing how the two agencies will work together on epidemiological investigations and how ODA will coordinate regulatory responsibilities for combination food establishments.
• Established Food Safety Advisory Committee to advise program on operations, legislative concepts, budget, and ODA’s role in implementing new federal food safety requirements.
• Completed 500 FDA contract inspections of food manufacturing firms per year in 2015 and 2016.
• Completed 10,008 inspections of retail, manufacturing, meat, dairy, shellfish, and seafood facilities in 2015 with a similar number of inspections in 2016. Inspection types included initial approval of new facilities, routine inspections, FDA contract inspections, complaint investigation inspections, sampling, and consultations.
• Continued to participate in Manufactured Food Regulatory Program Standards, a continuous improvement program administered by the FDA. Received
very positive audit by the FDA on our progress in conforming to national program quality standards.

- Completed additional modules in new program database that has been operating since 2014, including sampling modules for food, dairy products, and shellfish. The database provides food safety staff mobile and immediate access to licensee information and inspection reports. The development work has now concluded and due to its capabilities, the database receives very positive feedback from inspectors as well as licensees.
- Began issuing licenses to extractors, processors, and retailers of edible cannabinoid products.

FOOD: DAIRY, MEAT, & EGG PROGRAMS

**What we do**

- Inspect dairy farms twice a year, and dairy plants four times a year, to ensure consumers receive safe and wholesome fluid milk and milk products.
- Perform inspections, sampling, and equipment checks in accordance with the Pasteurized Milk Ordinance, allowing fluid milk and milk products to be sold in other states. Manufacturing grade products, such as powdered milk, are held to similar federal requirements.
- Regulate and inspect dairy product processing plants, artisan cheese processors, and sheep and goat establishments.
- Inspect and oversee mobile and custom meat slaughtering establishments, retail markets, and pet food manufacturers. The program also visits USDA-inspected meat plants annually to confirm federal inspectors are on site.
- Provide monthly grading services for Oregon egg processors and egg grading in retail food establishments every four years. Eggs are the only food type for which food safety programs provide quality assurance because it relates to product safety.

**Goals**

- Achieve staffing levels that allow the program to meet its target inspection frequencies for all establishments. These inspection frequencies are set based on the risk classification of the establishment.
- Implement the Food Safety Modernization Act, provided federal resources are available to support implementation work.
- Serve effectively the needs of small scale, low-risk food producers who sell farm direct but aren’t required to obtain a license from ODA’s Food Safety Program.
- Assist Oregon’s cannabinoid extractors, processors, and retailers to become licensed with the Food Safety Program and achieve and maintain compliance with Oregon’s food safety laws and rules.

**Major accomplishments**

- Hosted the National Conference on Interstate Milk Shippers in Portland in 2015. This national conference updates and adopts a national model ordinance that facilitates interstate movement of milk and dairy products.
- Collaborated with ODA Laboratory Services to help small on-farm cheese producers implement new federal product testing requirements.
- Completed a successful FDA audit of the dairy program.
- Inspected all member dairy farms in a short amount of time, after the closure of a dairy processing co-op in the state, to help them transition to new processing facilities.

FOOD: SEAFOOD & SHELLFISH PROGRAM

**What we do**

- Identify pollution sources and other factors that could impact the state’s shellfish and render them unfit for human consumption. Work with local and state agencies, environmental groups, industry, and other stakeholders to eliminate these pollution sources.
- Collect samples and monitor fecal coliform and water quality parameters at more than 90 established stations in Oregon’s seven classified commercial shellfish growing areas. Develop and monitor growing area management plans to ensure toxin limits and water conditions are met for safe shellfish.
- Collect technical scientific measurements and evaluate commercial shellfish growing
waters and harvested meats in cooperation with the Oregon Department of Fish and Wildlife (ODFW).

- Collect shellfish meat samples and test for presence of marine toxins paralytic shellfish poisoning (PSP) and domoic acid (DA). These toxins can cause severe illness and death in humans.
- Inform and educate the public about water quality and how it affects shellfish resources as well as the potential health risks associated with consuming shellfish.
- Review Hazard Analysis and Critical Control Point (HACCP) programs and processes required for seafood and shellfish processors to prevent foodborne illness.
- Participate in the Oregon Shellfish Initiative, which focuses on the shellfish industry and how it affects tourism, local employment, and its historical value, with the goal of keeping the industry vital and growing, and elevating the industry’s challenges to local, county, and state lawmaker levels.

**Major accomplishments**

- Worked with Oregon’s Dungeness crab industry and the Oregon Department of Fish and Wildlife to monitor and respond to elevated levels of domoic acid in 2015. The result was a safe opening of the commercial crab season. Also collaborated with Washington and California regulatory agencies and crab fishers to establish consistent domoic acid thresholds.
- Gathered samples of recreationally harvested shellfish from Oregon beaches and bays to monitor levels of domoic acid and paralytic shellfish toxin, and closed areas of the coast to harvesting when these toxin levels exceeded thresholds.
- Responded to weather events and other emergencies by implementing required harvesting closures in commercial oyster production areas.
- Worked together with industry to monitor bay water quality in Oregon’s commercial shellfish growing areas to maintain compliance with state and national shellfish production requirements.
- Conducted routine inspections of shellfish packing and processing plants to maintain compliance with state and national shellfish safety requirements.
- Participated on the Oregon Shellfish Task Force and conducted water quality sampling as part of a pilot project on Tillamook Bay funded by the Oregon Shellfish Initiative.

**Goals**

» Continue pilot monitoring project in Tillamook Bay to determine if closure times can be decreased and if additional areas of the bay can be opened to shellfish production.
» Continue coordination with Washington and California in making crab harvesting closure decisions.
Market Access & Certification Programs

INTRODUCTION
The Market Access and Certification Program Area assists Oregon’s agricultural producers, processors, and fishers in their efforts to successfully sell and ship products to local, national, and international markets. The marketing portion of the program area works to promote and create demand for Oregon agricultural products. The inspection and certification portion of the program area adds value by making products more marketable. It also provides services to facilitate product movement, and services that overcome trade barriers and technical constraints affecting agriculture. These programs reach rural and urban areas alike to create jobs and sustainable opportunities for the state’s multi-billion dollar agricultural sector.

CERTIFICATION SERVICES
What we do
• Provide third-party food safety inspections under USDA’s Good Agricultural Practices/Good Handling Practices Audit Verification Program to address microbial food safety hazards on the farm.
• Provide Global Food Safety Initiative (GFSI) third-party inspections and certification through a partnership with WQS Food Verification Services. These include GlobalGAP and PrimusGFS for farms and handling operations.
• Provide organic certification services under USDA’s National Organic Program for crop producers and handling operations.
• Provide Maximum Residue Level Compliance certification through official sampling and analytical testing. Protocols are designed to detect specific pesticide residue or food pathogens in order to meet industry standards.
• Provide customized Identity Preserved certification to Oregon companies to verify and validate market features such as non-GMO status, traceability, and security.
• Provide third-party audit and inspection services to wine industry certification programs, including Low Input Viticulture and Enology (LIVE) for Oregon wineries, as well as the Carbon Reduction Challenge (CRC).
• Work cooperatively with public and private entities to provide verification and market access through certification services and the development of new voluntary certification programs with industry.

Major accomplishments
• Continued collaboration with USDA-APHIS and Korea’s Quarantine and Inspection Agency to improve and streamline protocols for exporting fresh Oregon blueberries into the Korean market. That process was a result of ODA field surveys and commodity inspections. Oregon remains on the cutting edge of introducing the commodity to the foreign market.
• Certified approximately 100,000 acres of farmland under USDA GAP/GHP and/or GlobalGAP. The implementation of the Food Safety Modernization Act is expected to increase the number of operations participating in a food safety audit scheme over the next few years.
• Prevented the planting and exportation of onion in Oregon due to the presence of a pest.
• Maintained accreditation of ODA’s Organic Certification Program for crops and handling scopes following a USDA National Organic Program audit for continued compliance. The program also was evaluated for the addition of livestock to the scope of accreditation with the goal of conducting organic livestock operations as soon as spring 2017.
• Developed and delivered technical workshops around the state to educate growers and packers about new food safety initiatives, and continued advancement of existing practices.

Goals
• Continue to provide high quality, cost-effective services to Oregon’s agricultural producers and handlers in a timely manner.
• Provide leadership on innovative and solution-oriented services to meet market demands of Oregon producers and handlers.
• Attain the approval from USDA to perform Organic livestock accreditation.
• Increase ability of customers to meet a greater number of market opportunities through customized service and validation.
• Develop certification staff to provide expert technical assistance to industry and continue to provide leadership to other state departments of agriculture in providing advanced certification services.
» Continue recruitment efforts to increase staffing of auditors in Salem to accommodate requests for Oregon growers due to buyer demand for GFSI-related audits.

SHIPPING POINT INSPECTION PROGRAM

What we do

• Provide services in response to the industry’s requests and needs. Services include a wide range and variety of inspections and certifications, and are performed at ODA and customer facilities. These traditional inspections and certifications ensure that fruit, vegetable, and nut crops meet regulatory, customer, and marketplace standards.

• Make available official third-party verification programs for identity preserved products, food security audits, and audits of other practices at the request of industry.

• Provide product and process training to the various segments of the industry; inspection and certification oversight as it relates to voluntary or mandatory inspection and certification programs.

Major accomplishments

• Inspected more than 5.1 billion pounds of produce for processing and 1.3 billion pounds of fresh fruits, vegetables, and tree nuts in 2015, with an expected increase for 2016.

• Inspected and certified more than 376 million pounds of fresh fruits, vegetables, and nuts for export to 60 countries in 2015, including nearly 15 million pounds of apples, 40 million pounds of hazelnuts, 81 million pounds of onions, 121 million pounds of pears, and 119 million pounds of potatoes. Statistics for 2016 are not immediately available but a similar amount is projected.

• Certified over 1.6 billion pounds of hay products and grass seed straw for export in 2015, providing a cost-effective alternative to field burning for grass seed producers and an alternative market for high quality Timothy and alfalfa hay produced in Oregon.

• Consolidated field offices, from seven to five, in response to changing inspection dynamics within major growing areas in Oregon and to provide greater long-term financial sustainability for the Shipping Point program. The management team performed efficiency reviews and partnered with growers and packers to identify areas of improvement. In response to increased business costs, the program has offered industry the option of alternative inspection programs.

Goals

» Utilize the three components of certification, verification, and training to assist Oregon agriculture gain market access in domestic and international markets.

» Continue to work with industry to develop new alternatives to traditional inspection with the goal of creating new efficiencies and maintaining inspection costs at a reasonable, market level.

» Streamline phytosanitary inspection and certificate issuance processes.

» Maintain financial stability by performing routine financial and efficiency evaluations. Gain insight of industry needs and expectations through effective communication with packers, producers, and additional stakeholders.

PLANT HEALTH PROGRAM

What we do

• Provide laboratory testing of seed and plant material for viruses, bacteria, fungi, and nematodes, and conduct field inspection services to meet interstate and international phytosanitary requirements.

• Conduct surveys as required by USDA Animal and Plant Health Inspection Service (APHIS) and foreign countries to detect the presence of diseases that could result in quarantine of Oregon products.

• Provide expertise on emerging plant health issues, including the development of national policies for invasive plant pathogens and the development of model regulatory programs to address potential pathways for pathogen introduction, and expedite the trade of certified plant materials interstate and internationally.

Major accomplishments

• Provided official testing services in support of the federal Phytophthora ramorum certification program for nursery stock. Significant changes were made to the federal program in 2015, with efforts focused on nurseries in which P. ramorum, which causes sudden oak death, has been found since 2011.

• Completed several APHIS Cooperative Agricultural Pest Surveys in 2015 and 2016, that included surveys for pathogens and...
parasites in specialty seed fields, potato fields, and nurseries, as well as the nut survey. These surveys support the continued export of Oregon agricultural products to interstate and international customers.

- Developed a Multi-State Model for Harmonizing grapevine nursery stock certification programs in the northwest.
- Performed official testing of nursery stock including apples, pears, plums, peaches, cherries, quince, flowering quince, blueberries, and grapevines for export. This value-added service allows nurseries to sell their nursery stock interstate and internationally as certified free from viruses.
- Inspected 721 seed fields in 2016, and 799 in 2015 for pathogens of customer and regulatory concern. These official inspections are required for the international sale of specialty crop seeds and are conducted on other specialty field crops, such as garlic, mint, and fresh potatoes to Taiwan, to support interstate and international movement of these products.
- Amended rules, with input from an advisory committee, in an effort to decrease the prevalence of blackleg, a serious plant disease, in Oregon crops.
- Continued outreach efforts have been extended to the agricultural community. An example of this is a brochure about the plant pathogen, *Xylella fastidiosa*, presenting facts on the disease and its effects on Oregon agriculture.
- Tested 8,825 seed lots in the laboratory in 2015, and have tested more than 5,681 seed lots in 2016; these official lab tests are required for the international sale of grass and other seed crops.

Goals

» Continue to work with the Oregon Department of Forestry to address the spread of *Phytophthora ramorum* (sudden oak death) in the Curry County quarantine area and across the state. Despite the current containment strategy, the disease continues to spread within mixed conifer-tanoak forests in Oregon. In 2015, the quarantine area in Curry County was expanded to 515 square miles. Additionally, survey and testing data from 2016 has shown *Phytophthora ramorum* detected in Marion, Clackamas, Lincoln, and Polk counties as well. A new approach must be devised to prevent this disease from spreading to other counties with susceptible forests.

» Finish implementation and final accreditation of STAR-D (System for True And Reliable Diagnostics) for ODA’s plant health testing laboratory. This is an International Organization for Standardization (ISO)-based accreditation established by the National Plant Diagnostic Network in conjunction with the USDA Animal and Plant Health Inspection Service. This accreditation would expand the laboratory’s ability to test for interstate and international customers, and to test for pathogens and parasites of federal regulatory significance.

» Review and establish efficiencies in sampling, sample receipt, and testing for export seed products. As phytosanitary testing requirements continue to multiply for top seed export markets, the export seed testing section of the lab needs to establish streamlined procedures to deal with an increasingly complicated workload. This may be accomplished with the agencywide LIMS (Laboratory Information Management System) that is being developed.

SEED PROGRAM

What we do

- Provide official seed sampling and testing for pests and disease, providing assurance that customer requirements are met.
- Provide official phytosanitary certification allowing entry of seed into foreign markets.
- Provide education and outreach to the Oregon industry regarding Oregon seed law requirements.
- Upon complaint, the department assists with claims of slow or non-payment of contracted seed.
- Conducts random compliance reviews of seed warehouses thus helping create a level playing field for sellers of Oregon seed.

Major accomplishments

- Sampled more than 12,000 lots of seed in 2015 for official testing and verification for phytosanitary certification. This includes 994 lots for International Seed Testing Association. More than 1,400 official witnesses of fumigations were provided during this time period. Statistics for seed sampling in 2016 were not immediately available as most shippers are currently in the high season.
- Issued phytosanitary export certificates for more than 250 million pounds of Oregon seed shipments thus far for the biennium (2015–September 2016).
- Initiated a service providing on-site sampling, inspection, and issuance of phytosanitary certification at the time of service.

Goals

- Continue to streamline sampling, inspection, testing, and certification services.
- Expand, at industries request, compliance reviews of seed warehouses.
INDUSTRIAL HEMP PROGRAM

What we do

• Administer Oregon’s industrial hemp laws and rules.
• Register Oregon’s industrial hemp growers and handlers.
• Ensure that the hemp crop meets the definition of hemp such that the plant does not exceed 0.3% tetrahydrocannabinol (THC) on a dry weight basis.

Major accomplishments

• Finalized rules that led to the state’s first legal crop of industrial hemp in 2015. Interest in this new industry has seen a dramatic increase since the first production year. In 2015, ODA licensed 12 growers. In 2016, ODA registered more than 80 growers and over 1,200 acres of industrial hemp. The department also registered 57 industrial hemp handlers and 38 agricultural hemp seed grower/handlers.
• Worked closely with the Oregon Liquor Control Commission (OLCC) and Oregon Health Authority (OHA) on procedures and policies, particularly in the development of administrative rules for sampling and testing of industrial hemp products for human consumption.
• Adopted temporary regulations for industrial hemp production with permanent rules to be filed. These rules were written to meet statutory revisions made by the 2016 legislature in House Bill 4060.

Goals

• Transition sampling and testing of industrial hemp from ODA staff to approved and accredited laboratories with the ability to provide sampling and testing of pre-harvest industrial hemp crops for THC concentration as well as processed industrial hemp products for human consumption.
• Continue working with industry to refine statutes, rules, and processes to create and maintain a level playing field for all registrants, allowing this emerging industry to thrive.

TRADE & MARKET DEVELOPMENT: INTERNATIONAL

What we do

• Provide direct buyer-seller connections for Oregon farmers, ranchers, fishers, packers, and processors through long standing relationships, outreach and education to new buyers, inbound and outbound trade missions, technical marketing activities and targeted trade shows in key export markets.
• Advocate for resolution of impediments which restrict the movement of Oregon agricultural products in the marketplace.
• Provide the necessary government-to-government interface for technical trade discussions, including resolution of technical trade barriers which restrict the movement of product for entire sectors or single shipments.
• Monitor and relay technical information to the industry regarding non-tariff trade barriers and regulatory requirements, ensuring a smooth shipment of Oregon products.
• Provide close working relationships at the federal level with the USDA Foreign Agricultural Service (FAS) and regionally as a member of the Western US Agricultural Trade Association (WUSATA), to conduct the Market Access Program (MAP) grant program funded by the USDA, which provides important program development funding for generic and branded agricultural promotions in export markets.
• Work closely with Business Oregon and other international marketing partners to coordinate statewide export development, agricultural investment initiatives, and plan and conduct Governor’s trade development missions in key export markets.

Major accomplishments

• Participated as a Core Team Partner with Business Oregon, Port of Portland, and Oregon Department of Transportation in Governor Brown’s Trade and Logistics Initiative to identify interim shipping options for those affected by the loss of container service at the Port of Portland and also to make recommendations to the state legislature about long-term transportation solutions. Also participated in the Agricultural Transportation Coalition’s annual meeting in 2015, which focused on the west coast port slowdowns and its impact on individual agricultural companies as well as the overall flow of US trade.
• Managed the WUSATA pavilion with 19 Western US companies at the SIAL China show, Asia’s largest food and beverage show. Also managed the WUSATA food service inbound trade mission from China to Oregon. This project
brought in Chinese buyers who visited Oregon farms and food processing facilities.

• Featured Oregon food and agricultural products through activities in Japan, Oregon's largest agricultural export market. These include promoting Oregon hazelnuts in seminars, sampling, and online education about the health benefits of US nuts and how they can be used in cooking; an online sales promotion to get Oregon’s craft cider, craft beer, artisan cheese, canned blueberries, hazelnuts, and dried prunes included as part of the promotion of an online shopping site in Japan; working with Business Oregon and JASO (Japan American Society of Oregon) on the week of meetings around the “Doing Business in Oregon” seminar and activities in Japan; and collaborating with Travel Oregon at the Hanshin Department Store in Osaka to display food and agricultural products from Oregon as part of the Portland Fair. Miss Oregon, Ali Wallace, participated in promoting the activity, thanks to ODA sponsorship.

• Promoted awareness of Oregon craft cider with five activities/promotions across Japan with nine brands of Oregon craft cider and perry.

• Hosted several European seafood buyers at the 2016 Boston Seafood Show, one of the largest seafood trade shows in the world. All of Oregon’s seafood commodity commissions were represented along with Oregon’s largest seafood processors.

• Arranged two China eCommerce seminars in Portland to assist interested Oregon businesses. Online shopping in China is the fastest growing retail sector, with many people purchasing their food and beverage products via the internet.

• Led a delegation of US companies to Guatemala and Costa Rica as part of a WUSATA trade mission in 2016, arranging one-on-one meetings with food buyers and personal company visits. Ten companies attended this mission including Bob’s Red Mill from Oregon.

• Managed two WUSATA food service inbound trade missions to Oregon from China. Introduced multiple nursery buyers from China and Japan to Oregon nursery companies.

**Goals**

» Develop strong customer relationships within each of Oregon’s eight growing regions and tie market development services together between local, domestic, and international marketing efforts to address overall successes for our customers.

» Focus efforts on recruitment of Oregon companies for planned activities and build in flexibility for changing markets of Oregon companies on a two-year planning cycle.

» Continue to build a foundation in e-commerce and explore new and innovative ways that Oregon companies can reach different markets and transportation efficiencies with these platforms.

**Major accomplishments**

- Implemented a new regional outreach strategy to better connect with agricultural and food producers/manufacturers throughout the state. Trade managers are now assigned to geographic regions to better understand the unique challenges and opportunities specific to those regions, and also work closely with corresponding Regional Solutions Teams and Business Oregon
development officers along with ODA field staff and OSU Extension personnel.

• Partnered with OSU Extension to highlight Oregon specialty crops through a series of pop-up dinners and one-way mini farmers’ markets in five locations around the state. The “Crop Up Dinner Series and Market Showcase” events were well attended and successfully brought together local growers, food buyers, chefs, and the general public.

• Continued work with the Oregon Museum of Science and Industry (OMSI), as part of the Celebrate Oregon Agriculture campaign, to create and install an interactive display featuring Oregon specialty crops and the role bees have in the Oregon Agriculture Campaign and promote Oregon specialty crops through a comprehensive action plan that resulted in robust engagement results in a short period of time.

• Worked with Travel Oregon to be more involved in the emerging agritourism sector of tourism in Oregon, working closely with farmers that are embarking on the opportunity for supplemental income. ODA and Travel Oregon are working together to help educate and manage best practices for the industry.

• Collaborated with ODA’s Information Office to produce Growing Oregon, an annual publication promoting agricultural producers, processors, and products and informing consumers on ways they can experience Oregon agriculture. The magazine has been widely distributed and proven to be an effective marketing tool for Oregon food and agricultural products.

• Collaborated with Oregon Health Authority WIC program to enroll and re-authorize approximately 700 farmers annually as vendors in the Farm Direct Program and the WIC Fruit and Veggie Voucher Program for Seniors and WIC families. This allows participants to purchase fresh fruits and vegetables at an estimated 84 farmers’ markets and over 330 farm stands. In 2015, Oregon farmers generated sales of approximately $1.2 million in this program.

Goals

» Continue to make buyer and seller connections on a local, regional, and national basis. New efforts include outreach strategies that bring new buyers to Oregon from marketing regions across the US, which traditionally has only occurred for international buyer groups.

» Increase opportunities for commodity groups to promote their products across platforms. Utilize culinary opportunities to cross-promote among commodities and product sectors.

SPECIALTY CROP BLOCK GRANT PROGRAM

What we do

• Enhance the competitiveness of Oregon’s specialty crops by facilitating a grant program funded by the United States Department of Agriculture (USDA) Agricultural Marketing Services (AMS). For the purpose of the program, specialty crops are defined as fruits, vegetables, tree nuts, dried fruits, horticulture, and nursery crops (including floriculture). ODA conducts an annual competitive application process to award grant funds.

Major accomplishments

• Provided outreach, development, selection, and administration of 43 projects funded by the Specialty Crop Block Grant Program in 2015 and 2016. Grants totaling
more than $1.8 million in 2015 and $1.6 million in 2016 will increase the competitiveness of Oregon’s fruits, vegetables, tree nuts, nursery crops, and Christmas trees in the marketplace. Funded projects help address such agricultural priorities as market development, food safety, pest and disease management, on-farm labor needs, and training the next generation of farmers. Funded projects involve a diversity of crops and span a wide geographic area of Oregon agricultural production.

- Conducted a series of trainings to increase awareness about the Specialty Crop Block Grant Program. These included one-on-one meetings to develop stronger project proposals, presentations at conferences, and encouragement of industry to consult with ODA’s marketing programs.

- Provided direct assistance to ODA staff toward development and implementation of seven projects such as: the implementation of the Crop-Up Dinner and Market Showcase event series, which occurred in five locations around the state; establishing Oregon as a pest free state for Xylella fastidiosa, a disease which impacts the nursery industry shipping requirements; the creation of the Oregon Bee Pilot Project, a knowledge, education, and promotion campaign for Oregon agriculture industry for specialty crop pollinator efforts; and a consumer education and outreach strategy to highlight the different seasonably available agriculture commodities throughout Oregon’s geographic growing regions.

- Organized and hosted the first Specialty Crop Block Grant Program National Conference in Portland in 2016. Representatives from 43 states and two territories attended three days of training and learning opportunities as Oregon agricultural products were showcased.

Goals

- Enhance the competitiveness of Oregon specialty crops by facilitating the development of projects that seize opportunities and address barriers for Oregon farmers, processors, and markets.

- Encourage partnership and collaboration across agricultural sectors and other state specialty crop programs.

- Look for continued opportunities to streamline program processes, provide clear and defined training opportunities to assist applicants in developing high-quality measurable projects, while facilitating a robust, open, and fair competitive process.

- Conduct training workshops and listening sessions around the state to increase opportunities for new applicants.

- Direct outreach efforts toward Oregon rural communities to encourage agriculture and food-related projects such as training and equipping the next generation of farmers, workforce training programs or tools, productivity enhancement, innovation, and value-added products.

FARM TO SCHOOL PROGRAM

What we do

- Reduce barriers to entry and engage Oregon food producers, processors, and manufacturers in the local, regional and national school food market in order to increase production, purchase, and promotion of Oregon agricultural products.

- Support effective local, regional, and national public-private partnerships in order to propel farm to school activities across Oregon.

- Conduct research and evaluation in order to: (1) Establish progress toward ODA Farm to School Program outcome measures; (2) Address critical knowledge gaps that create barriers to entry; and (3) Ensure efficient and successful implementation of farm to school programs and practices.

- Pursue strategic media and communications in order to help tell the story of Oregon agriculture while improving Oregonians’ knowledge and attitudes toward purchasing, promoting, and consuming Oregon foods.

Major accomplishments

- Assisted with the implementation of SB 501 and SB 5507, which increased procurement funding to cover 100 percent of public school districts in Oregon and provided eligibility criteria for commodity commissions, trade associations, and growers to apply for farm to school education funds. About 66 percent of Oregon school districts opted in for procurement funding.
for the 2015 SY, which accounts for about 90 percent of all school meals served. Oregon remains the most well-funded state in the US for farm to school efforts.

- Helped promote and expand school gardens as part of farm to school efforts. Currently, more than 600 school gardens are established in the state, often providing foods for the cafeteria that are grown by students themselves.

- Managed Oregon’s FoodCorps Program and expanded it to include two additional service sites for a total of 11 in Oregon. FoodCorps service members sourced 4,200 pounds of Oregon-produced or processed foods from more than 95 Oregon producers, processors, and distributors to go into the 68 new menu items introduced to school breakfast and lunch menus. Service members continue to provide hands-on nutrition education, build and tend school gardens, and help source healthy, local food for school cafeterias.

- Applied for and received a $100,000 grant from USDA to support FoodCorps programming in Oregon.

- Created a recognition program to honor contributions made by Oregon producers to Farm to School in Oregon. Five regional Oregon Farm to School Producer Awards were announced in 2016.

**Goals**

- Synthesize farm to school activities with new and beginning farmer promotion programs to build in workforce training in agriculture to the farm to school model. Moving beyond nutrition education around agricultural commodities to career training and awareness of agricultural careers, also strengthens connections that support the procurement effort around farm to school.

**COMMODITY COMMISSION OVERSIGHT PROGRAM**

**What we do**

- Provide legislatively mandated monitoring and assistance to Oregon’s 23 agricultural and commercial fisheries commodity commissions. These grower/harvester-funded and supported commissions include ones that are part of national marketing efforts. Commodity commissions act as industry self-help agencies. The commissioners, with the input of the program manager who serves as an ex-officio member of each commission, set direction and make decisions about marketing, research, and educational projects. The program’s hands-on involvement permits the commissions to legally collect mandatory assessments from growers and harvesters.

- Manage the application and appointment process of all 23 commissions annually for revolving positions. Commissioners are appointed by the ODA director based on qualifications set out in administrative rule.

- Review budgets, all contracts and financial agreements, and act as a resource on administrative, marketing, ethical, legal compliance, and human resource matters for all 23 commodity commissions.

**Major accomplishments**

- Developed a master agreement template for commissions to use when implementing contracts, particularly with Oregon State University for research purposes. The template allows for reduced Department of Justice review of research contracts and ensures that standardized legal requirements are included in all such contracts.

- Worked with Commodity Commission Oversight Advisory Committee to strategize and implement program changes to manage cost increases to the commissions in supporting ODA’s oversight functions.

**Goals**

- Continue to ensure that all commodity commissions properly distribute their resources to assist farmers, ranchers, fishers, food processors, and dealers with generic promotion, research, and education programs through administration of the Oregon Commodity Commission Oversight Program.

- Expand collaboration between ODA’s Farm to School Program, Specialty Crop Block Grant Program, and market development opportunities and the commodity commissions through joint activities and projects.
INTRODUCTION

The Natural Resources Program Area addresses water quality and natural resource conservation on agricultural lands, the appropriate use of pesticides, labeling and sale of fertilizer, and field burning in the Willamette Valley. Through outreach efforts, compliance, monitoring, and coordination with other natural resource agencies, the programs help landowners meet society goals in a manner that makes both economic and environmental sense. In addition, maintaining high quality agricultural land in production is an important long-term strategy for Oregon.

WATER QUALITY PROGRAM

What we do

• Conduct outreach and education to landowners and local partners about agricultural water quality regulations and Oregon’s water quality goals.

• Support strategic delivery of technical and financial assistance to landowners for natural resource conservation on agricultural lands.

• Evaluate water quality, landscape condition, and project data to track agriculture’s progress to meet Oregon’s water quality goals.

• Oversee review of all 38 water quality management plans and regulations each biennium. The plans describe strategies to improve water quality, while the regulations describe requirements in each specific area.

• Meet regularly with stakeholders to gather input on program implementation.

Major accomplishments

• Continued development and implementation of a systematic approach to assess and address conditions on agricultural lands that may impact water quality.

• Piloted two Strategic Implementation Areas (SIAs) in 2015 that created close partnerships with SWCDs and landowners to improve water quality. The success of the pilot areas led to an additional six SIAs being identified in 2016. This strategic approach provides ODA with the opportunity to assess compliance with agricultural water quality laws along waterways on agricultural lands and work with landowners to achieve compliance prior to taking regulatory action.

• Resolved water quality complaints and issues, mostly through non-regulatory paths. These are win-win solutions and often result in improved operation management, livestock health, and soil retention.

• Collaborated with other agencies and private landowners to expand the Pesticide Stewardship Partnership Program. Monitoring water quality in selected watersheds where pesticide concerns were identified provided information to modify or develop pesticide use strategies to improve water quality. The program now includes eight project areas in seven watersheds.

Goals

• Protect natural resources associated with agricultural lands in Oregon by educating, assisting, and regulating producers, when needed, through the development and implementation of conservation plans and activities that protect Oregon’s water quality.

• Accelerate agriculture’s progress to meet Oregon’s water quality goals through increased landowner participation, improvement in stream and riparian condition, and improvements in upland management.

• Continue streamlining program processes to save time and allow staff to devote more time to strategic planning and compliance work.

• Enhance coordination and collaboration with partners to improve program implementation and be more strategic.

• Continue conducting compliance assessments of agricultural lands in Strategic Implementation Areas. This includes working with landowners in these areas to address problems.

CONFINED ANIMAL FEEDING OPERATIONS (CAFO) PROGRAM

What we do

• Operate under a memorandum of agreement with the Department of Environmental Quality (DEQ) to permit animal feeding operations and achieve compliance with state and federal laws.

• ODA and DEQ (through the Environmental Quality Commission) jointly issue the National Pollutant Discharge Elimination System (NPDES) CAFO permit and the Oregon Water Pollution Control Facility (WPCF) permit.

• Conduct routine annual inspections of CAFO facilities to ensure...
animal waste does not cause water pollution.

- Respond to complaints about animal waste entering surface or ground waters.
- Help CAFO operators comply with reporting and record-keeping requirements.
- Provide operational reviews at the request of CAFO operators, and assistance in the development and operation of Animal Waste Management Plans.
- Maintain a statewide CAFO Program advisory committee of farmers, ranchers, industry representatives, and interested public to identify opportunities for improvement.

**Major accomplishments**

- Adopted a new CAFO National Pollutant Discharge Elimination System (NPDES) general permit to replace the one that expired in 2014.
- Established a new CAFO Water Pollution Control Facilities (WPCF) permit for those operations not required to register to the NPDES general permit because of recent changes in the EPA CAFO rule.
- Continued to implement a “performance based” CAFO inspection program, which maintains a positive relationship between ODA and the regulated community, and helps facilities comply with water quality laws.
- Conducted 484 routine annual inspections, 67 follow-up inspections, 21 complaint inspections, and 136 other type of inspections in 2015. As of October 21, 2016, conducted 458 routine annual inspections, 39 follow-up inspections, 33 compliant inspections, and 100 other types of inspections.

**Goals**

- Provide a framework of regulation that protects water and air quality while allowing animal feeding facilities to operate in Oregon.
- Maintain the well-received and effective inspection, enforcement, outreach, and compliance assistance program for permitted CAFOs.
- Continue coordination with DEQ and EPA on program operations and outcomes.
- Provide education and outreach to ensure an opportunity for concerned Oregonians to participate in the public process on CAFO-related issues that may affect them.

**WATER RESOURCES/WATER QUANTITY PROGRAM**

**What we do**

- Address water resource and water quantity issues related to agricultural needs and existing statutory authorities.
- Enhance economic opportunities for agriculture through development of water resources.
- Help implement agriculture’s role in Oregon’s Integrated Water Resources Strategy.

**Major accomplishments**

- Worked with landowners and stakeholders to prepare and submit applications to extend the term of reservations of appropriated water in the Hood, Grande Ronde, Burnt, Malheur, and Owyhee administrative basins for an additional 20 years.
- Developed a GIS-based model to estimate irrigation demand, and applied it to the Willamette Basin for the Willamette Basin Reservoir Study, a joint water supply investigation between the Corps of Engineers and the State of Oregon.
- Worked with the Malheur County Soil and Water Conservation District to plan, organize, and hold the first Water Resources Forum for the purpose of bringing scientific and technological advances to, and encouraging discussion of, a broad range of topics relevant to agriculture. Topics included irrigation efficiency, soil health, pesticides, funding for water projects, water quality, and developing flow regimes for threatened and endangered fish.
- Collaborated with members of the Interagency Water Supply Committee for drought monitoring to develop new near- and long-term metrics and methods to improve accuracy of drought projections, evaluations, and preparedness.
- Worked with federal and other state agencies and entities in Oregon and Washington to secure support to update the NOAA atlas of precipitation frequency and duration information from Atlas 2 (published in 1973) to the more recent Atlas 14. The Atlas provides design criteria for CAFO storage facilities, water quality best management practices, dam safety, and other uses.

**Goals**

- Play an active role in assisting and encouraging the development and implementation of water resource projects that are beneficial to the state of Oregon and individual landowners.
SOIL & WATER CONSERVATION DISTRICTS PROGRAM

What we do

• Assist 45 local soil and water conservation districts (SWCDs) that, in turn, help landowners properly manage Oregon’s natural resources.
• Support the state Soil and Water Conservation Commission (SWCC).
• Support the SWCD board of directors election process.
• Provide administrative oversight, operations assistance, and state funding coordination to Oregon’s SWCDs.
• Assist SWCDs with Oregon Revised Statutes compliance.
• Administer a program that has distributed $6.25 million under Oregon Watershed Enhancement Board grant agreements to Oregon’s 45 SWCDs. These funds allow SWCDs to help landowners with conservation planning, project design, and projects associated with local Agricultural Water Quality Area Management Plans.

Major accomplishments

• Assisted SWCDs with long-range planning, and updating their long-range business plans for the 2015-17 biennium.
• Provided training to current and newly elected directors, SWCD staff, and partners to ensure knowledge of responsibilities. The training focused on leadership and fraud prevention with improved financial reports.
• Provided SWCD manager training, focusing on time management and employee coaching.
• Provided daily assistance to SWCD personnel regarding human resources, legal obligations, risk mitigation, grant administration, and other operation issues and challenges.

Goals

» Provide assistance and guidance to all 45 SWCDs on effective district operation, including long-range business plans, financial management, and legal compliance.
» Provide assistance to SWCDs planning to pursue an ad valorem tax.
» Assist the Soil and Water Conservation Commission in providing leadership and guidance to ODA and all SWCD directors and staff statewide.

PESTICIDES PROGRAM

What we do

• Protect Oregon’s environment and public health by ensuring the proper and legal sale, use, and distribution of pesticide products. Pesticide products include substances intended to control or manage pests. Herbicides, insecticides, fungicides, rodenticides, repellents, and disinfectants are examples of pesticide products. These products are used for agriculture and forestry pest control, and in a wide variety of commercial, public, and residential sites.
• Register pesticide and fertilizer products for sale, use, or distribution in Oregon. The US Environmental Protection Agency (EPA) determines the uses and restrictions of each pesticide product. ODA’s Pesticides Program ensures compliance and accuracy of information contained on the product label.
• Issue pesticide applicator licenses where level of knowledge and expertise to perform pesticide application activities lawfully has been met. This is accomplished by applicators passing specific written examinations administered by ODA prior to licensing.
• Provide outreach and education to licensed pesticide users and the general public. This is done through continuing education training courses, informational brochures, the ODA website, and one-on-one communication.
• Communicate laws and regulations to pesticide applicators and the public. This includes changes to product labels to mitigate risks to people, animals, endangered species, waterways, etc.
• Conduct routine compliance monitoring, investigate complaints of alleged pesticide misuse, and administer enforcement action when appropriate. Enforcement actions, including civil penalties, play a vital role in deterring unlawful use of pesticides.
• Request special authorizations from EPA for specific pesticide use. This includes Special Local Need registrations or emergency exemptions to control potentially devastating pests and diseases.
• Administer, and participate as a key member of, the Pesticide Analytical and Response Center (PARC), which reviews claims of adverse health, or environmental harm associated with pesticide use.

Major accomplishments

• Increased pesticide investigative staff and resources to improve program’s ability to respond to citizen pesticide use concerns and compliance with pesticide laws. This included establishing an online incident complaint form and a 24/7 hotline for the public to report pesticide incidents and concerns, and adding four additional pesticide investigators,
a case reviewer, and a citizen advocate for the program.

- Reviewed and updated investigation procedures and policies to meet the changing needs of the program.
- Ensured pesticide products used in Oregon are registered and labeled correctly, and people are applying pesticides in a lawful manner. Keeping track of pesticide products and licensed users helps safeguard human health and the environment. ODA presently registers approximately 13,000 pesticide products annually.
- Processed applications and issued pesticide licenses to businesses and applicators. Those licensees include private, public, and commercial pesticide applicators, trainees, operators, dealers, and consultants. Approximately 12,600 licenses are processed and issued annually.
- Created rules and process, as directed by the legislature, for individuals to be licensed to apply pesticides from the air.
- Administered approximately 4,400 pesticide certification or re-certification examinations throughout the state in order to ensure a base level of competency of certified applicators and to meet federal requirements. Certification is required prior to licensing as a pesticide applicator, pesticide consultant, or private pesticide applicator. For commercial and public applicators, pesticide certification in specific use categories is required for the type of applications conducted and is contingent upon taking, and passing, written examinations.
- Responded to pesticide-related complaints and use concerns dealing with pesticide application activities. ODA initiated investigations of over 200 pesticide-related incidents that were complaint driven. Special focus has been directed to incidents and concerns affecting pollinators. For commercial applicators, pollinator protection has been emphasized in presentations, recertification classes, and exams.
- Conducted routine compliance monitoring, and responded to pesticide-related complaints and concerns associated with sales, use and distribution. In 2015-16, ODA initiated over 450 compliance investigations each year and issued an average of 140 enforcement responses for violations of the Pesticide Control Law (ORS 634). Enforcement responses included issuance of stop sale, use, or removal orders, notices of violations, civil penalties, license action, and referrals to EPA.
- Provided information and comments, and made suggestions regarding changes in pesticide regulation enacted or proposed by ODA or EPA.
- Implemented licensing, record keeping, and use requirements for public and private school employees established by integrated pest management in schools legislation.
- Prohibited the application of any pesticide product containing dinofuran, imidacloprid, thiamethoxam, or clothianidin to linden trees or other *Tilia* species. This regulatory action was taken to prevent the likelihood of bumble bee deaths.
- Implemented an effective coexistence outreach and education campaign that addresses pesticide drift concerns between wine growers and other agricultural producers.
- Administered PARC, which reviewed incidents of alleged health or environmental harm associated with pesticide use. Data collected by PARC is used to make policy recommendations for action.
- Worked with PARC-member agencies to improve standard operating procedures for communication and coordination of incidents of pesticide exposure to humans, animals, and the environment.
- Collaborated with other key state agencies and EPA through the Water Quality Pesticide Management Team to evaluate the impact of pesticides on groundwater and surface water in Oregon.
• Established a webpage to assist cannabis growers in distinguishing pesticide products whose labels do not legally prohibit use on cannabis from those that clearly do not allow use.
• Initiated compliance actions for products that contain pesticides that are not listed on the ingredients, that are not registered in Oregon as a pesticide product, and that have resulted in cannabis products being unavailable for sale because of pesticide contamination.

Goals

» Complete transition from paper-based to computer based testing of pesticide applicators as part of the certification and licensing process. The long term goal has been to create efficiencies by having all tests administered electronically with the exception of special cases that still require paper-based tests.
» Coordinate with Oregon State University to communicate changes in federal and/or state pesticide regulations and to implement the Integrated Pest Management in Schools Program.
» Continue collaborating with Oregon State University and others to develop brochures and other helpful materials that emphasize pollinator protection.
» Provide assistance to the cannabis industry regarding the legal and safe use of approved pesticides.
» Collaborate with Oregon Department of Environmental Quality, Oregon Department of Forestry, and Oregon Health Authority through a memorandum of understanding to implement the pesticide management plan to address pesticides found in surface and ground water.
» Establish training for pesticide operators to be qualified to provide training required to meet new EPA Worker Protection Standards by developing and implementing a train-the-trainer program in cooperation with Oregon State University.

FERTILIZERS PROGRAM

What we do

• Conduct marketplace inspections of fertilizer and other soil-amending products to ensure compliance with state law and collect samples for nutrient analysis and heavy metal content.
• Protect consumers by ensuring that claims made on a label accurately represent the product. Product registration facilitates review and evaluation of label claims, and ensures heavy metal levels do not exceed state limits for arsenic, cadmium, lead, mercury, and nickel. This program addresses products used in agriculture, urban/residential, and hydroponics.

Major accomplishments

• Developed and implemented amended statute and rules to ensure the continued funding of the program’s fertilizer research grant program.
• Registered 10,000 fertilizer, agricultural mineral, agricultural amendment, and lime products in 2013, amounting to 1.3 million tons of product (calendar year 2014 tonnage). The program also licensed 259 manufacturer/bulk distributors.
• Conducted 91 and 78 marketplace inspections in 2014 and 2015, respectively. Sampled and analyzed 315 and 293 products in 2014 and 2015, respectively, for accurate claims.
• Issued 81 enforcement responses in 2014 and 75 enforcement responses in 2015 for violations of the fertilizer laws and regulations (ORS 633). Enforcement actions includes issuance of notices of violation and civil penalties.
• Provided grant monies to research interactions, through ODA’s Fertilizer Research Program, for projects that address the interactions of fertilizers, agricultural minerals, and agricultural amendments with ground or surface water.

Goals

» Protect consumers by ensuring uniform and accurate product labeling and that claims made on a fertilizer product label accurately represent the product.
» Provide assurance, through product sampling and analysis, that fertilizer products provide the nutrients claimed.
» Assure protection for Oregon’s environment and natural resources from heavy metals, excess nutrients, and other contaminants.
» Support fertilizer research and development that funds research projects on the interactions of products with ground and surface water.
» Continue to work with fertilizer industry representatives, the legislature, and interested parties to implement the base fertilizer program and fertilizer-related research.
INTRODUCTION
The Plant Protection and Conservation Programs Area protects Oregon’s agricultural industries and natural resources from harmful invasive plant pests and noxious weeds; enhances the value and marketability of exported nursery stock, Christmas trees, seeds, and other agricultural products; and furthers the conservation of threatened and endangered plants. This is accomplished through four programs: Insect Pest Prevention and Management, Native Plant Conservation, Noxious Weed Control, and Nursery and Christmas Tree.

INSECT PEST PREVENTION & MANAGEMENT PROGRAM
What we do
- Enact and enforce quarantine regulations to protect Oregon from invasive invertebrate pests as a first line of defense.
- Design and implement statewide surveys to quickly detect populations of key invasive pests before they can establish.
- Eradicate populations of invasive pests while they are still low in numbers so that economic and environmental harm is prevented, and the cost of eradication is affordable.
- Design and implement control projects for established invasive pests, including biological control.
- Provide insect identification, technical information, and general outreach for stakeholders, agriculturalists, and the general public.

Major accomplishments
- Successfully concluded the third-largest Asian Gypsy Moth (AGM) eradication treatment in Oregon’s history, treating roughly 7,000 acres in northwest Portland, part of the Forest Park, and the Port of Vancouver, Washington, with an entomopathogen, Bacillus thuringiensis var. kurstaki. The project’s great success is attributed to the unique collaboration of all affected stakeholders on local, state, and federal level, including grass-root and environmental interest groups.
- Detected the largest Japanese beetle (JB) infestation in Oregon’s history in a neighborhood in northwest Portland. Due to budget reductions in the JB Program, this infestation may have gone undetected for several years. More than 365 beetles were detected in an area of about 1,000 acres, affecting about 1,500 residences. Preparations are being made for eradication in spring 2017. The treatment project likely will take more than five years.
- Detected additional European Gypsy moths (GM) in the Grants Pass area, where several moths have been caught over the last three years, and at a new site east of Springfield, along the McKenzie River.
- Trapped three additional light brown apple moths (LBAM) near Independence in Polk County. This is a clear indicator of an established LBAM population at this site, which is the first documented established LBAM population outside of California. LBAM is a major quarantine issue for California’s nursery and fruit industry.
- Detected about 40 Xylosandrus crassiusculus, the Asian ambrosia beetle, in the railroad tie plant in The Dalles. Ten years ago, ODA successfully eradicated an Asian ambrosia beetle population at that site.
- Conducted several national bark beetle identification workshops attended by state and federal cooperators, and private foresters.
- Identified a record-high 25 new exotic species in 2015-16. Several are new to North America, the US, or to Oregon. This indicates the increasing risk of invasives and trade. Among the new invasive species: the Asian jumping worm, Amyntas gracilis. This earthworm was reported in several counties in western Oregon and was likely introduced to and spread in Oregon through compost material. The Asian jumping worm is commercially available in many states and well established in the eastern US. Adverse ecological impacts are being reported from areas with established populations.
- Identified two biocontrol agents associated with the exotic ash whitefly that made headlines because of massive clouds of the pest appearing in Portland and other areas. These were introduced naturally into Oregon for the first
The tiny parasitic wasp, *Encarsia*, and the coccinellid beetle, *Clitostethus arcuatus*, are being reared as natural enemies of the whitefly for releases in areas where the biocontrol agents are not found.

• Published a booklet on native Oregon bees, showcasing extremely detailed high resolution images from the program’s digital imaging specialist.

**Goals**

» Continue early detection/rapid response of serious invasive pests, including Gypsy moth, Japanese beetle, exotic wood borers, and other invertebrate pests not native to Oregon.

» Continue to eradicate small incipient invasive species populations where possible.

» Develop and implement existing biological control projects to manage established invasive pest populations.

» Continue to improve identification of invasive pests using digital imaging system and molecular diagnostic tools.

» Continue to reach out to all affected stakeholders, including local, state, federal, and public agencies and partners coordinating invasive species management efforts.

» Coordinate alignment of programs with the Governor’s Water Quality Initiative.

**NATIVE PLANT CONSERVATION PROGRAM**

**What we do**

• Protect and conserve Oregon’s native flora and vanishing habitats by assisting public agencies and private citizens on management of threatened and endangered native plants.

• Set priorities for the establishment of conservation programs and plans for protected native plant species.

• Provide guidance and support to state and local government agencies managing lands that contain state- or federally-listed plant species or their habitat.

• Maintain a system of permits, to regulate research and commercial activities associated with collecting or other actions that may affect protected plant species on public lands.

• Establish and revise Oregon’s list of protected native plants, as well as providing state review of the federal government’s process for listing Oregon plant species under the federal Endangered Species Act (ESA).

• Conduct research on Oregon public lands to develop protocols focusing on protected species recovery efforts, designed to aid in their eventual delisting.

**Major accomplishments**

• Returned more than 4,500 bulbs of the endangered Gentner’s fritillary to the wild as part of ongoing recovery efforts for this rare lily of southern Oregon. Along with agency partners and other concerned parties, the program is planning a working group meeting to direct upcoming work and goals for the potential downlisting of the species by the year 2020.

• Collected seedlings of the extremely rare Columbia yellowcress (*Rorippa columbiae*), which is a candidate for listing as either threatened or endangered, from two natural sites and returned to OSU for cultivation. In preparation for developing a conservation agreement that will guide land managers to better protect this species, the collected plants will be used in a study to provide information on how different precipitation regimes might affect natural populations.

• Continued the cultivation of one of the state’s rarest plants, Oregon semaphore grass, in order to supply planting efforts next year that will bolster existing populations and attempt to create new ones in the wild.

• Collected and conserved seeds of the endangered Applegate’s milkvetch (*Astragalus applegatei*) as part of a mitigation plan for upcoming impacts to the population occurring on the Klamath Falls airport property, which is the largest natural population of the plant on public land.

• Completed data collection for a study to determine the effect, if any, of dyer’s woad (*Isatis tinctoria*) seeds on the germination of the rare Siskiyou mariposa lily (*Calochortus persistens*), which is known in only three sites in southern Oregon and northern California. Results of the study will help the program better understand the potential threat of this listed weed that infests Siskiyou mariposa lily’s habitat.

• Coordinated with partners on projects to protect endangered plant species. These efforts include working with ODA’s Noxious Weed Program and the Oregon Parks and Recreation Department on
an herbicide application project to control matgrass (an A-listed weed) at a site on the southern coast where there is a large natural population of the endangered western lily (Lilium occidentale). Also coordinated efforts with Bureau of Land Management (BLM), US Fish and Wildlife Service (USFWS), and Douglas Soil and Water Conservation District to inventory the endangered rough popcornflower (Plagiobothrys hirtus) around the Roseburg area.

- Completed a preliminary review of a recently submitted petition to list four Oregon plant species as threatened or endangered including Lomatium ochocense, Eriogonum villosissimum, and Kalmiopsis fragrans.
- Conducted a thorough site survey of the only known natural occurrence of the endangered Malheur wirelettuce to determine effectiveness of past recovery efforts. This project is likely the final stage in a longstanding partnership with the US Fish and Wildlife Service to attempt to recover this species. Only three plants of the target species were encountered, while none were found last year. Unfortunately this suggests that the species is functionally extinct in the wild because the population has dwindled to an unsustainable small size. With this information, the USFWS can redirect funding to other high priority and more attainable recovery efforts.

Goals

» Reduce the number of imperiled native plant populations, species, and critical habitats on public lands and implement actions to address major threats to endangered plant species survival.
» Resume annual evaluations of state threatened and endangered native plant species lists to ensure that only those species in need of protection (based on best available data) appear on the lists.
» Secure base funding to maintain regulatory and consultation work (as required under OAR 603-073-0090) so that staff can assist local and state agencies in meeting their obligations under the Endangered Species Act (ESA).

NOXIOUS WEED CONTROL PROGRAM

What we do

- Protect Oregon’s natural resources and agricultural economy from the invasion and proliferation of invasive noxious weeds.
- Provide leadership and coordination for invasive noxious weed management in Oregon and the region in collaboration with the State Weed Board and local, state, federal, and public agencies and partners.
- Enact and enforce weed quarantine regulations to protect Oregon from introductions of invasive noxious weeds.
- Survey for invasive noxious weeds so that newly introduced populations are detected and treated as soon as possible.
- Coordinate and serve as a technical resource for integrated invasive noxious weed management issues, including acting as a primary resource for weed identification and mapping.
- Provide public outreach, education, and awareness for invasive noxious weed issues.
- Conduct plant risk assessments and make recommendations to the State Weed Board for potential noxious weed listing.
- Implement early detection and rapid response projects for new invaders. This includes eradication of invasive noxious weed populations while they still are low in numbers so that economic and environmental harm is prevented and the cost of eradication is affordable.
- Introduce and redistribute biological control agents to reduce the impacts of invasive noxious weeds that are widespread to reduce economic and environmental harm and minimize herbicide use.
- Administer the Oregon Watershed Enhancement Board OWEB)/State Weed Board Noxious Weed Grant...
Program, coordinate with stakeholders, and evaluate efficacy of grant projects.

**Major accomplishments**

- Finalized a five-year strategic plan that provides a vision and needs for the Noxious Weed Control Program’s future as well as an outline of the program vision in the protection of natural resources, including water.

- Updated ODA’s noxious weed quarantine rule to include more A- and B-rated noxious weed species following the decision of the State Weed Board. New additions to the A list: Cape ivy, Common frogbit, Garden yellow loosestrife, Hoary alyssum, Ravenaggrass, West Indian sponge plant, and Water soldiers. The B list additions: Atlantic ivy, Pheasants eye, Ribbongrass, St. Johnswort, and Milk thistle.

- Detected and treated new invasive weeds of concern throughout the state, including a new A-rated weed, garden loosestrife (*Lysimachia vulgaris*) on the Willamette River, the A-rated matgrass (*Nardus stricta*) in Clatsop and Curry counties, and wilted thistle detected in Wallowa County.

- Placed high emphasis in conducting surveys and supporting cooperator demonstration control projects through Oregon State Weed Board Grants for *Ludwigia peploides*, water primrose. Over the last 15 years, this B-rated aquatic noxious weed has reached alarming population levels and now is threatening the Willamette River system. The presence of *Ludwigia* has serious adverse ecological and economic impact on our water resources that includes fish and wildlife species.

- Supported the Oregon State Weed Board as it reviewed 57 submitted grants, of which the board approved 49 grants for full funding and one for partial funding. The State Weed Board emphasized the importance of aquatic noxious weeds and their impact on Oregon’s watersheds and water quality.

- Pulled together a flowering rush coordination committee that included stakeholders in Oregon and Washington, and hosted biennial meetings and a tour. These meetings allowed for discussion of survey and control work done on the Columbia River in Oregon and Washington. Control of flowering rush, a serious aquatic noxious weed, is moving forward despite new sites detected down stream from McNary Dam and some environmental assessment hurdles within the US Army Corps of Engineers for treating some new sites. Eradication efforts continue despite most sites, where flowering rush was mechanically removed in 2015, not showing new plant regrowth. However, larger infestations still occur up river in Washington on the Columbia and Yakima rivers which require more attention.

- Developed a biological control white paper and presented it at several national meetings. “A Clogged Biological

Control Pipeline: Time for a Solution,” describes the current situation concerning the federal approval system for noxious weed biological control agents, highlighting bureaucratic red tape between USDA-Animal Plant Health Inspection Service (APHIS) and US Fish & Wildlife Service. Over the last few years, very few weed biocontrol agents have been approved by APHIS. Both agencies blame each other for the clogged system. Several weed biocontrol agents are stuck in this pipeline process, which is frustrating because of the demonstrated success of biocontrol projects.

- Attended and participated in the Western Invasive Weed Summit in Boise, Idaho. This meeting brought together 250 federal, state, county, non-government organizations (NGOs), and private land managers and policymakers from 11 western states. One of the primary discussions was invasive annual grasses and other invasive weed impacts on sage grouse conservation, and an action plan to support invasive weed control efforts in the western US through additional funding, coordination and capacity for invasive weed control entities at all levels in the west.
Hosted the first Oregon English Ivy Forum with almost 100 participants, sharing state-of-the-art information on the integrated control and management of English ivy. An English ivy resource page is available on the ODA website.

Assisted in redesigning the old Deschutes County Weed Wagon into a new invasive species education and outreach trailer for use around the state. The Noxious Weed program uses the “Invasive Species Education Station” trailer at the Oregon State Fair and other events.

**Goals**

- Implement goals in the program’s five-year plan that includes exploring funding options for county and state weed-control programs.
- Continue to lead and collaborate with all stakeholders on invasive noxious weed control efforts. Prevent the establishment and spread of “A” invasive noxious weeds and prevent “B” invasive noxious weeds from spreading to new areas.
- Continue to implement an effective early detection and rapid response approach to dealing with important invasive noxious weeds.
- Continue to assist in the approval of $2.5 million in State Weed Board grant funds for protection and conservation of fish and wildlife habitat, and for improving water quality and watershed health.
- Align program’s goals with the Governor’s Water Quality Initiative and other state priorities, such as sage grouse habitat conservation.

**NURSERY & CHRISTMAS TREE PROGRAM**

**What we do**

- Inspect and certify Oregon-grown nursery stock and Christmas trees shipped out-of-state to meet the importation requirements of other states and countries.

- Help growers produce nursery stock and Christmas trees that are free of insect pests, diseases, and weeds so that harmful pests aren’t spread.

- Assist growers in maintaining Oregon’s reputation for high-quality nursery stock and Christmas trees.

- Inspect high-risk imported nursery stock so that unhealthy nursery stock doesn’t bring insect pests, plant diseases, or weeds to Oregon.

- Participate in the USDA Phytophthora ramorum (sudden oak death/SOD) nursery certification program ensuring Oregon nursery stock can be shipped to other states and countries.

- Conduct a Grower Assisted Inspection Program (GAIP) to help growers implement best management practices to reduce plant pests and diseases.

- Cooperate with stakeholders, such as the Oregon Association of Nurseries and other state and federal counterparts, to improve the cleanliness of nursery stock and Christmas trees entering and leaving Oregon.

**Major accomplishments**

- Implemented a 180-day emergency quarantine rule for Xylella fastidiosa, a bacterium new to Oregon that causes phony beach disease in certain plants in the southern US and Pierce’s disease in grapevines. The disease can be vectored by sucking insects. The recent detection of *X. fastidiosa* in Italy prompted the European Plant Protection Organization (EPPO) to blanket quarantine the US for all host plants, which amounts to a long list, including blueberry, raspberry, and maple trees. ODA’s Nursery and Plant Health programs surveyed for the disease in the affected counties and were able to establish 12 counties as pest free areas or production sites in Oregon, so trade could resume from Oregon to Europe.

- Facilitated a more successful Christmas tree shipping season to the Hawaii market, with Hawaii only rejecting about 3 percent of Oregon Christmas tree containers, compared with 31 percent, 16 percent, and 13 percent in 2012, 2013, and 2014, respectively. However, Mexico rejected almost 2 percent of all Oregon Christmas trees because of the presence of quarantine pests. The Christmas Tree Program participated in a bilateral meeting with officials from the Mexican Forest Service, the Mexican Border Inspection Agency, and the USDA-APHIS International Services in Mexico City to discuss the Christmas tree quarantine. The review, which potentially includes more phytosanitary restrictions for Oregon, will not affect the 2016 shipping season, but ODA will continue to work with the state’s Christmas tree industry to mitigate pest issues affecting rejections at the Mexican border.

- Inspected and tested a majority of those Oregon nurseries susceptible to SOD with no signs of the disease. In addition, one nursery was released from the federal SOD
compliance program after three years of negative data.

- Attended a System Approach to Nursery Certification (SANC) workshop held in Orlando, Florida. SANC is a state-level nursery certification program using a system rather than a shipping point inspection approach. Oregon Pride Nurseries is one of the eight pilot nurseries in seven states participating in the program. The long-term objective of SANC program is to apply this system approach nursery certification and potentially replace all other current nursery certification programs in the US.

**Goals**

» Consider options of restructuring the program with input from the nursery industry. Additional retirements of several nursery inspectors and continuous funding issues offer the opportunity to consider changes.

» Find ways to better ensure Oregon produced nursery stock and Christmas trees are free of pests through inspection and certification services.

» Continue to prevent the introduction and spread of invasive pests on imported nursery stock by inspection and enforcement of quarantine rules. Inspect incoming shipments of plants for compliance with US and Oregon quarantine rules.
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FOOD SAFETY AND ANIMAL SERVICES PROGRAMS
Stephanie Page
Director
Brad Lea
State Veterinarian

The Food Safety and Animal Services Programs inspect all facets of Oregon’s food distribution system (except restaurants) to ensure food is safe for consumption, protect and maintain animal health, and ensure animal feeds meet nutritional and labeling standards. In the food safety portion of the program area, nearly 7,000 food establishments in Oregon are licensed and inspected. Programs respond to food safety issues to protect the public while working with the food industry through education and collaboration to prevent unhealthy or unsafe conditions in the food supply. In the animal health portion of the program area, Oregon’s livestock industries and their markets are protected through programs that test for, control, and eradicate animal disease. The animal identification portion of the program area works to deny a market in stolen livestock through brand registrations, brand inspections, and theft investigations.

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INTERNAL SERVICES AND CONSUMER PROTECTION PROGRAMS
Jason Barber
Director

The Internal Services and Consumer Protection (ISCP) Programs provide consumer protection, ensure fair competition among businesses, and facilitates interstate commerce and international trade. This is done by: ensuring the accuracy, validity, uniformity, and confidence in Oregon’s Commercial Weighing System; ensuring that motor fuels sold in Oregon meet national standards for quality; providing safe, accurate, timely, and cost-efficient laboratory analysis and technical support to ODA enforcement programs and other local, state and federal agencies; providing analytical and technical support for moving value added food products to domestic and foreign markets.
ISCP Programs also administer the Wolf Depredation Compensation Grant and the Egg-Laying Hen Care programs.

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MARKET ACCESS AND CERTIFICATION PROGRAMS

Lindsay Eng
Director

Terry Fasel
Marketing Director

The Market Access and Certification Programs assist Oregon’s agricultural producers to successfully sell and ship products to local, national, and international markets. The marketing portion of the program area works to promote and create demand for Oregon agricultural products. The inspection and certification portion of the program area adds value by making products more marketable. It also provides services to facilitate product movement, and services that overcome trade barriers and technical constraints affecting agriculture. These programs reach rural and urban areas alike to create jobs and sustainable opportunities for the state’s multi-billion dollar agricultural sector.

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NATURAL RESOURCES PROGRAMS

Ray Jaindl
Director

The Natural Resources Programs address water quality and natural resource conservation on agricultural lands, the appropriate use of pesticides, labeling and sale of fertilizer; field burning in the Willamette Valley, and shellfish plat leasing. Through outreach efforts, compliance, monitoring, and coordination with other natural resource agencies, the programs help landowners meet society goals in a manner that makes economic and environmental sense. In addition, maintaining high quality agricultural land in production is an important long-term strategy for Oregon. The Land Use Program provides technical assistance to farmers as well as local, regional, and state governments on land use proposals.

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PLANT PROTECTION AND CONSERVATION PROGRAMS

Helmuth Rogg
Director

The Plant Protection and Conservation Programs protect Oregon’s agricultural industries and natural environment from harmful plant pests, diseases, and noxious weeds; enhance the value and marketability of exported nursery stock, Christmas trees, seeds and other agricultural products; and further the conservation of threatened and endangered plants. This is accomplished through four programs: Insect Pest Prevention & Management, Native Plant Conservation, Noxious Weed Control, and Nursery & Christmas Tree.

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The State Board of Agriculture advises the Oregon Department of Agriculture regarding administration and enforcement of department programs, and its policies. The board holds quarterly meetings, solicits producer and public input, and represents a full spectrum of commodity production.

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