



Department of Agriculture Weights & Measures

March 6, 2018

MISSION STATEMENT

Our mission is to protect, enhance and promote the preservation of agriculture and the environment while sustaining the public health, safety and welfare of all citizens, and to provide consumer and marketplace protections through the fair and equitable enforcement of laws and regulations.

Ag Department Programs

Pest Exclusion

Pest Detection

Pest Management

Noxious Weeds

Nursery

Seeds

Phytosanitary Cert.

Farmers Markets

Organics

Honey

Fruit, Nut and

Vegetable Quality

Eggs

Pesticides

Crop Statistics

Apiary

Ag Department Programs cont.

Device Inspections

Pricing Accuracy

Quantity Control

Weighmaster Audits

Petroleum

Complaint Investigations

HazMat Inspections on Farms

Ag Commission

Ag Grading

Wildlife Services

Crop Verification

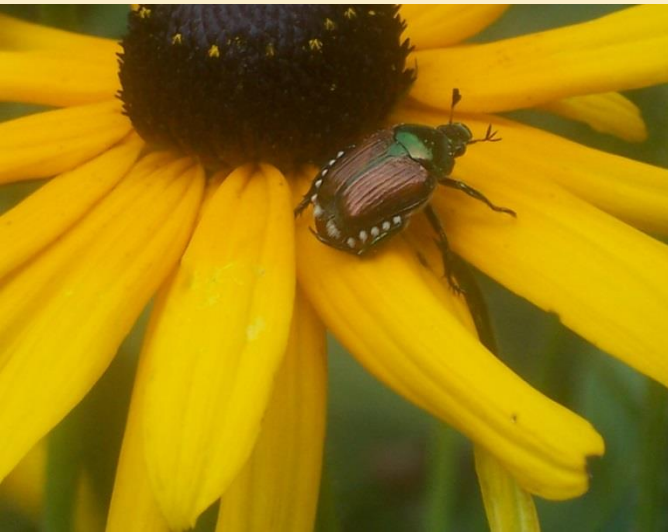
Outreach



Pest Exclusion

First line of defense against the importation of economically important pests.

- Conducted 170 inspections over 145 locations



Pest Detection

Second line of defense

- Early detection of pest infestation before it becomes uncontrollable
- 632 insect traps, serviced 4,579 times





Pest Management

Inspections for pests known to occur in CA
Glassy-winged Sharpshooter

- 419 traps serviced 4,555 times
- 158 plant shipments from quarantined areas inspected



Noxious Weeds

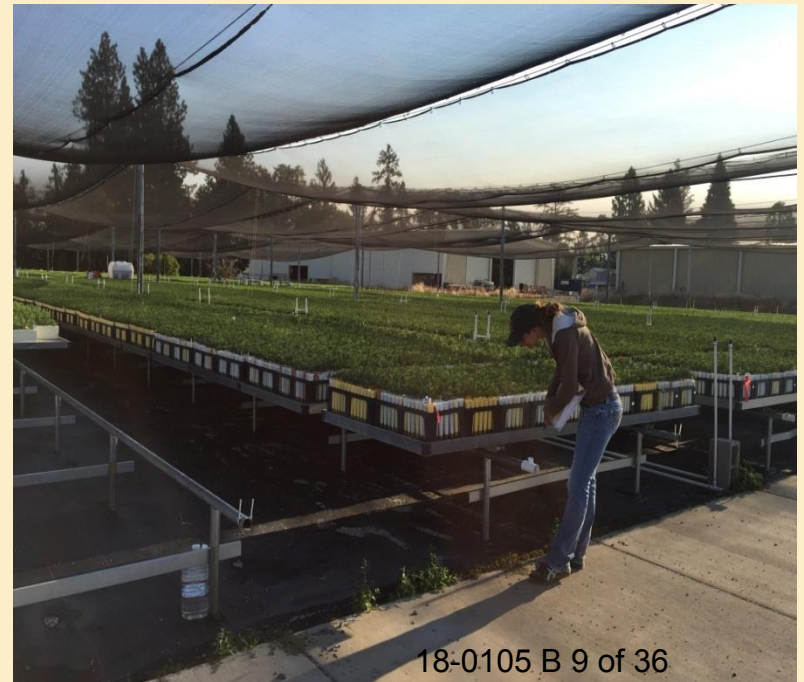
Early detection and rapid response prevents the spread of detrimental plant species

- Exclusion and early eradication protects ag, timber, and wildlands
- Grant funded utilizing seasonal help



Plant Production Nurseries

- Inspected 19 business locations for nursery stock pest cleanliness, labeling and quality





Seed Inspection

Inspect packages and bags of agricultural seed delivered into the county

Looking for:

- The proper labeling
- The transmission of noxious weed seeds through the product
- Seed viability assurance statements

Farmers Markets

- Certified and Inspected 8 Farmers Markets
- Approved 57 Certified Producers to sell at markets



Organics

24 Organic Farms Registered in the County

- Review and assist new registrations
- Spot inspections on farms or at markets
- Pesticide residue sampling of produce
- Investigate complaints



Fruit, Nuts, Vegetables, Honey

- Maturity testing of Apples & Pears
- Quality, size and packing requirements
- Markings and size requirements of containers



Eggs

Sponsored a Small Flock Egg Producers Workshop in September to help egg producers understand regulatory requirements


State Grades

What are State Grades?
Grade AA, A, B, C

Initial factor that determines the Grade of an egg?
Size of air cell

Fresher the egg, smaller the air cell.

Staining on the shell may also affect grade
AA & A are required to be clean.
B grade is allowed some staining on the shell.
1/16" scattered moderate stain
1/32" localized moderate stains



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Apiary

El Dorado County has a Bee Ordinance and commercial beekeepers have requirements that must be met:

- Beehive identification
- Provide water
- Landowner permission
- Flight barriers



The Department investigates complaints related to these requirements

Pesticide Use

Forestry
Farms
Ranches



Residential
Roadside
Parks



Pesticide Use Enforcement

Goal is to ensure the safety of handlers, fieldworkers, the public and the environment

How do we do this:

- Training and Outreach
- Permitting & Business Registrations
- Surveillance
- Inspections
- Review Pesticide Use Reports
- Complaint & Illness investigations
- Penalties



Pesticide Training & Outreach

- Conduct a continuing education class for farmers and pest control business licensees every year
- Train volunteers and employees associated with other agencies
- Conduct a training for the Master Gardeners program
- Outreached to 246 people in 2017

Pesticide Continuing Education Training
Wednesday, March 22nd 2017
El Dorado County

330 Fair Lane, Placerville - Building A
Program from 8:15 am to 12:00 pm
Sponsored by the El Dorado County Department of Agriculture
This workshop will focus on California pesticide laws and regulations.
We will be applying for 3.0 hours of Continuing Education in Laws and Regulations.

8:15 to 8:35 Registration And Sign In	10:15 to 10:35 Pesticide Skills
8:35 to 9:00 New Worker Protection Standards And Beyond: An Update	10:35 to 11:00 Label Requirements For Aqueous Phosphide In An Outdoor Setting
9:00 to 9:35 Pesticide Jeopardy with Department of Pesticide Regulations	11:00 to 11:30 Pest Control Business Service Vehicles: Setting Up According To Regulation
9:35 to 10:15 Production Agriculture Pesticide Use Near Schools	11:30 to 11:45 Pesticide Trivia Recap
	11:45 to 12:00

El Dorado County Dept. of Agriculture
311 Fair Lane
Placerville, CA 95667
Email: ekdcag@edcgov.ca
Or Call: 830-621-5580 to RSVP

Please reply no later than March 21st
- there is no charge for this class -
*The above agenda is tentative and some presentations may be changed by the 22nd

Pesticide Permitting & Registrations

- 172 Pest Control Businesses Registered
- 10 Farm Labor Contractors Registered
- 85 Farms with Restricted Material Permits
- 12 Private Applicator exams proctored
- 284 Growers with Operator ID numbers

Pesticide safety and changes in regulations are reviewed during these face to face meetings

Pesticide Surveillance and Inspections

- Reviewed 77 notices of intent submitted to use Restricted Material pesticides
- Inspectors look for pesticide applications taking place
- 45 Inspections were conducted of pesticide applications and records compliance



Complaints & Illness Investigations

Investigate complaints pertaining to pesticide use

Investigate illnesses associated with use of pesticides

- Investigated 8 complaints in 2017
- Investigated 8 pesticide illnesses in 2017



Hazardous Materials Inspections

- MOU with Environmental Management Department to collect information and perform inspections on farms
- Ag Department is already conducting inspections of pesticide storage areas on the farms so it is more efficient to conduct hazmat inspections at the same time



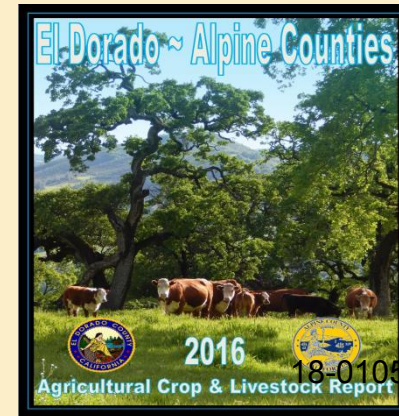
Crop Statistics

- Compile crop production data annually for the published Crop Report as required by the CA Food & Agricultural Code
- Compile data and publish the El Dorado County Wine Grape Survey as a resource to vineyard owners on local grape varietal values

2016 El Dorado County
Wine Grape Survey

Variety	Non-Bearing Acreage	Bearing Acreage	Total Acreage	Total Tons Produced*	District 10 Price**	El Dorado Open Market Price**
Barbera	12.30	118.42	130.72	291.03	1638.26	1050.73
Cabernet Franc	1.00	88.17	89.17	118.85	1306.00	1125.58
Cabernet Sauvignon	12.75	288.52	301.27	275.23	1404.33	1431.90
Chardonnay	1.00	109.07	110.07	173.94	1404.33	1431.90
Pinot Noir	1.30	85.87	87.17	115.07	1404.33	1431.90
Vernaccia Bianco	1.30	5.03	6.33	15.07	1404.33	1431.90
Zinfandel	1.00	24.99	25.99	219.96	1404.33	1431.90
Marsanne	0.00	11.46	11.46	15.42	1785.76	1913.12
Nebbiolo	1.00	106.14	107.14	495.01	1344.93	1266.12
Mourvèdre/Mataro	0.20	72.03	72.23	195.96	1044.11	1022.76
Mixed/Cornubiano	0.00	12.86	12.86	24.89	1444.66	1469.02
Pinot Vertus	0.10	37.84	37.94	252.01	1059.88	1109.72
Pinot Blanc	0.00	174.46	174.46	389.41	1444.66	1469.02
Pinot Gris	0.00	10.90	10.90	21.89	1150.25	1208.53
Pinot Meunier	0.20	28.76	28.96	40.74	1195.35	1219.48
Riesling	1.30	83.69	84.99	141.31	1412.33	1426.36
Sauvignon	1.50	85.01	86.51	40.87	1020.80	1023.77
Syrah	1.50	43.68	45.18	73.54	1487.84	1574.90
Blanc de Blancs	0.20	20.20	20.40	47.03	821.35	1251.27
Blanc de Noir	1.21	236.01	237.21	440.52	1034.01	1063.54
Tempranillo	2.80	43.34	46.14	108.50	1089.50	1089.07
Troncal Nacional	0.20	9.37	9.57	18.16	1481.88	1571.48
Ugni Blanc	0.20	40.88	41.08	108.33	1129.24	1174.76
Zinfandel	42.11	471.22	513.33	1008.84	1491.92	1474.80
Misc. Red Varietals	20.00	110.17	130.17	204.85	1254.10	1480.94
Misc. White Varietals	0.00	10.08	10.08	110.10	1404.33	1431.90
VARIETAL TOTALS	184	2322	2506	6628	Average Price Per Ton (District 10): \$1,867	Average Price Per Ton (Open Market): \$1,867
Total Open Market \$ 3,740,953			Average Price Per Ton: \$ 1,561			Average Price Per Acre: \$ 4
Wine Grape Acreage: 2,322 acres			Total Tons: 6,628			Total Value: \$ 12,500,000
Red open market varietal average: \$ 1,856			White open market varietal average: \$ 1,554			Total Value of El Dorado County: 2,840

* Figures are based on the California Department of Food and Agriculture's 2016 Open-Crop Report. Total 10.
** Figures reflect the average of the open market reported in El Dorado County surveys.
*** Calculations are based on data in table per ton.



Weights & Measures



Weights & Measures

- Commercial Device Inspection
- Petroleum Inspections
- Weighmaster Inspections
- Quantity Control Inspections
- Service Agency Inspections
- Investigate Consumer Complaints



W & M Devices Inspected

Grocery Store Scales

Gas Pumps

Farmers Market Scales

Electric Submeters

Livestock Scales

Vapor Submeters

Monorail Meat Scales

Water Submeters

Grape Platform Scales

Retail Water Meters

Farm Retail Scales

Taximeters

Propane Delivery Trucks

Vehicle Scales

Fabric, Cord & Wire Meters

Weight & Measures Inspections

- Inspected 2778 devices
- Conducted 55 Petroleum inspections
- Conducted 3 Weighmaster Inspections
- Conducted 28 inspections of Service Agency Repairmen
- Investigated 29 Consumer Complaints



Agricultural Commission

Department provides staff support to the Commission

Conducts site visits and provides reports on:

- Williamson Act applications
- Crop verification for Wineries & Ranch Marketing
- Administrative Relief Applications
- Conditional Use Permit Applications
- Temporary Ag Employee Housing Applications
- Boundary Line Adjustments

Agricultural Commission cont.

Reviewed in 2017:

- 11 Administrative Relief applications
- 3 Tentative Parcel Map & Rezone requests
- 2 Conditional Use Permit applications
- 2 Williamson Act Contracts
- 2 Temporary Ag Employee Housing
- 1 Boundary Line Adjustment
- 1 Administrative Permit
- 1 Rezone to TPZ

Agricultural Grading



- Conversion of one acre or more of undisturbed vegetation to crops
- Erosion and sediment control measures must be implemented that meet “Best Management Practices” as adopted by the Board of Supervisors
- Site visits are conducted to verify erosion control and planting of crops

Wildlife Services

Purpose is to maintain a biologically-sound integrated wildlife damage management program whose main focus is to provide technical assistance to prevent wildlife conflicts.

The program assists farmers, ranchers, public agencies, schools, property owners and businesses.

Wildlife Services cont.

The program is a cooperative venture between El Dorado County, the United States Department of Agriculture (USDA) and California Fish and Wildlife.

The Department's appropriations include a contract with USDA.

Department Liaison to:

- The Fish & Game Commission
- The University of California
Cooperative Extension

Other Outreach

Career Day at the High School

- ❖ talk about department programs

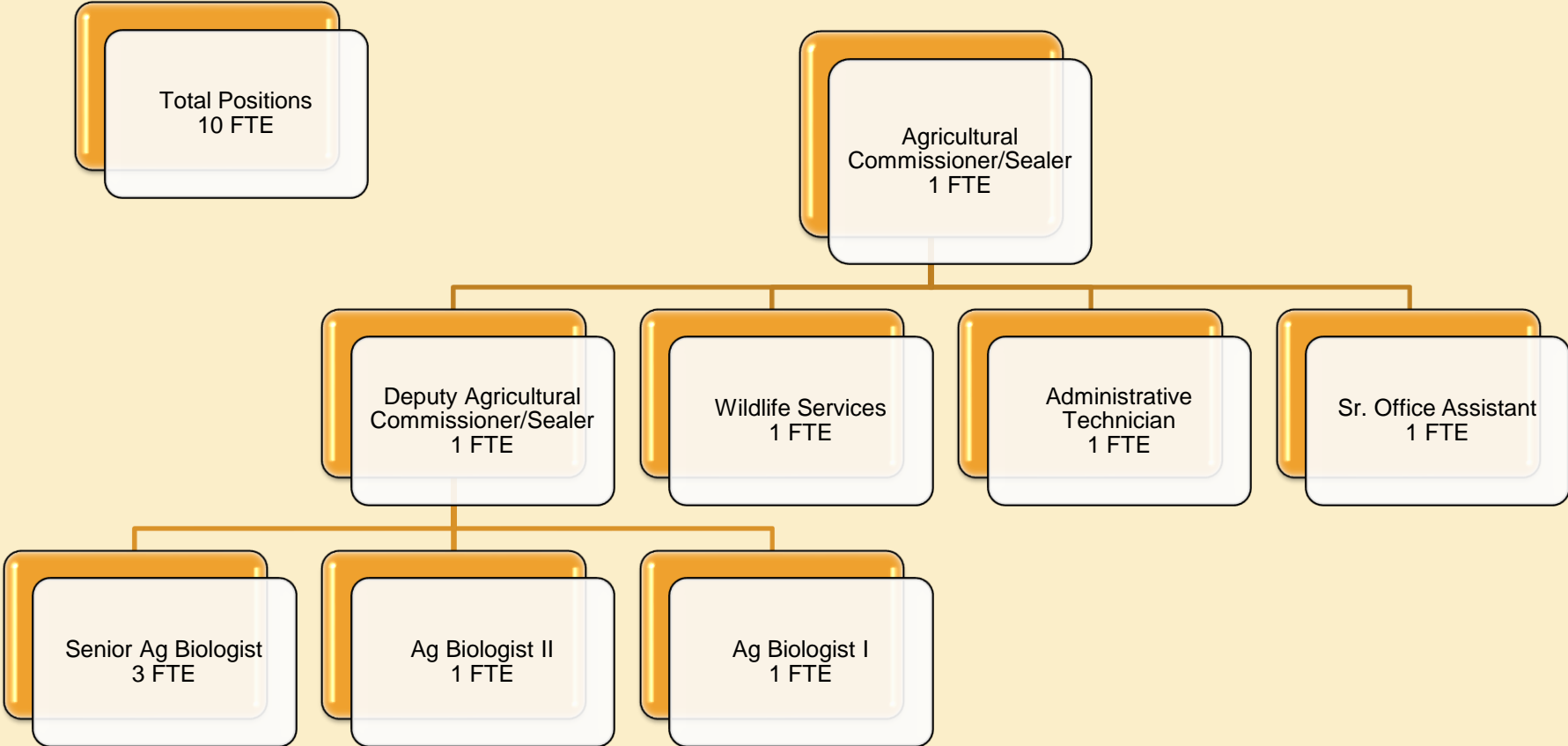
Placerville & South Lake Tahoe Farm Days

- ❖ presentations about insects detrimental to agriculture

Various Service Groups and Ag Associations

- ❖ presentations about department programs and regulations

Agriculture, Weights & Measures



Looking Forward

- Streamline some functions by using the new Trakit system to track Ag Commission items, Ag grading and Ag land use complaints
- Unknowns-workloads related to Commercial Cannabis cultivation if approved