



**Welcome to the  
California Department of  
Food and Agriculture  
2017 Career Fair**






# Executive Office





## Executive Office



The Executive Office provides leadership and guidance to all of CDFA's divisions. This is important to all Californians because of the important role agriculture has in this state.



# Executive Office

- Secretariat
  - Administrative Services
  - Information Technology
  - Legislative Affairs
  - Public Affairs
  - Legal Office
  - County/State Liaison
  - Office of Environmental Farming and Innovation
- 



# Executive Office

- Members of the Secretariat meet and interact with Californians from all aspects of agriculture to insure the department's mission is being carried out in a manner that fosters a robust agricultural sector.
- The Administrative Services Division provides fiscal and operational support to all of CDFA's programs. This includes budget development, accounting, business and facility services, human resources, and contracts/grant management.
- The Office of Information Technology Services supports all of the department's technology systems as well as in-house development of applications to manage databases. We also develop applications that allow us to use mobile devices to automate many of our activities while out in the field.
- The Legislative Affairs Office interacts with the legislature and tracks legislation impacting agriculture so that fully informed decisions are made.



# Executive Office

- ▶ Our Public Affairs Office uses various social media platforms to keep the public informed about keys issues concerning California agriculture.
- ▶ The Legal Office advises all of the divisions so that they can provide valuable services to their stakeholders.
- ▶ The County/State Liaison fosters communication between the department and California's county agricultural commissioners to insure our programs carried out at the local level are effective.
- ▶ The Office of Environmental Farming and Innovation manages a broad portfolio of projects and initiatives that help farmers and ranchers achieve positive environmental outcomes from their practices.




# Executive Office

We use a wide range of job classifications in the Executive Office to carry out our many responsibilities. These include:

- Staff Services Managers
  - Associate Governmental Program Analysts
  - Information Officers
  - Attorneys
  - Auditors
  - Environmental Scientists
  - Office and Program Technicians
- 



# Executive Office

- ▶ System Software Specialist
  - ▶ Information Systems Analysts
  - ▶ Accounting Officers
  - ▶ Staff Services Analysts
  - ▶ Data Processing Managers
- 



If you like cattle, horses, goats, sheep, poultry or swine ...

# Animal Health and Food Safety Services





# We protect public health, animal health and the environment

- ▶ Protect livestock and poultry from catastrophic disease outbreaks, including those that can quickly devastate animal populations and/or harm human health
- ▶ Provide inspection, testing and recall expertise for food derived from animal agriculture so that the public has confidence in their food supply and access to consistently safe products
- ▶ Protect cattle owners from theft and assure rightful ownership
- ▶ Support antimicrobial use monitoring and stewardship best practices in livestock and poultry in order to prolong the effectiveness of medically important antibiotics for use in humans and animals
- ▶ Ensure that animal by-products are appropriately handled or recycled in order to protect animal health, the food supply and environmental health
- ▶ Protect equine health and athletic events through medication monitoring



# Our Programs

- ▶ **Milk and Dairy Food Safety Branch**

- ▶ Ensures dairy products are consistent and safe through various programs throughout the state for licensing, inspecting, training, certifying and testing dairy farms, milk tanker trucks and drivers, milk and milk product processing plants and certain retail outlets
- ▶ Protects consumers and markets through dairy product label review and approval, interstate and international export certification, new technology evaluation and new facility design approval
- ▶ Minimizes food safety threats by conducting dairy product food safety investigations, enforcement actions and recalling products

- ▶ **Antimicrobial Use and Stewardship Branch**

- ▶ Supports activities intended to prolong the effectiveness of medically important antibiotics that are used in humans and livestock by gathering information, developing best practice guidance, conducting outreach and education and enforcing antimicrobial use restrictions.



## Our Programs (continued)

### ▶ **Animal Health Branch**

- ▶ Prevents introduction of disease into California herds and flocks through interstate livestock and poultry movement permitting, animal movement tracing and analysis, and health paper requirements for entry
- ▶ Protects farming and ranching, the California grown food supply and often public health via programs throughout the state that deliver catastrophic livestock and poultry disease prevention, detection and outbreak emergency response
- ▶ Helps protect horses and confidence in the fairness of horse sales and athletic events through performance enhancing drug regulations and random drug testing
- ▶ Protects animals that require blood product transfusions by licensing and inspecting animal blood banks

### ▶ **Livestock Identification Branch**

- ▶ Supports a stable cattle marketing system by determining legal ownership of cattle during transactions and maintaining official brand registry for ownership
- ▶ Prevents theft and helps to recover stolen or lost cattle



# Our Programs (continued)

- ▶ **Meat, Poultry and Egg Safety Branch**

- ▶ Protects consumers and ensures consistent food safety investments through licensing, inspection, and certification of small meat and poultry harvest and processing businesses serving local communities, and of all entities from farm to distribution handling shell eggs consumed in California, including those located in the state and those located out of the state.
- ▶ Protects the environment from improper disposal and helps ensure animal by-product use is optimized through safe recycling by licensing, inspecting and maintaining a manifest system for entities handling animal by-products.

- ▶ **California Animal Health and Food Safety Laboratory System**

- ▶ Under UC Davis management, four laboratories strategically located throughout the State provide all diagnostic and testing services for livestock, poultry and food derived from animals in support of AHFSS, animal owners and veterinarians.



# Who we hire

- ▶ Examples:
  - ▶ Veterinarians
  - ▶ Livestock Inspectors
  - ▶ Environmental Scientists (all levels)
  - ▶ Research Scientists (all levels)
  - ▶ Research Program Analysts
  - ▶ Special Investigators
  - ▶ Brand Inspectors
  - ▶ Office Technicians
  - ▶ Staff Services Analysts
  - ▶ Associate Government Program Analysts
  - ▶ Agricultural Program Supervisors
  - ▶ Emergency Service Coordinators (various levels)

Our diverse and highly skilled team works in the field and in offices throughout the State. We all proudly serve producers, processors and the public.

It is a job you can feel great about doing!




# Inspection Services

A Division of the California Department of Food and Agriculture



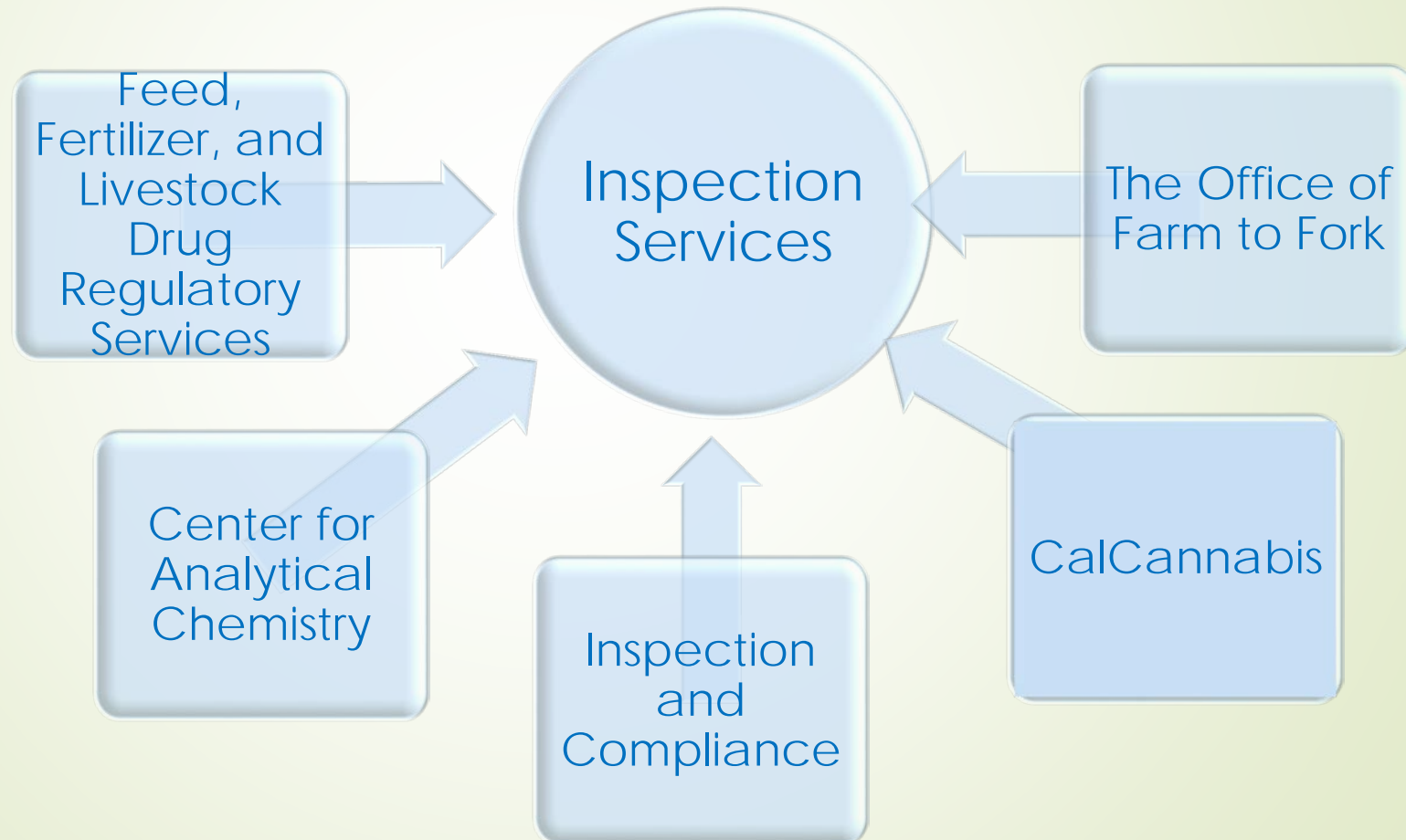


# Our Mission

- *To provide professional services that support and contribute to a safe, abundant, quality food supply, environmentally sound agricultural practices, and an equitable marketplace for California agriculture.*
- 



# Inspection Services Overview





# Fulfilling Our Mission and Benefits to our Stakeholders

- ▶ Inspect fruits, vegetables, and nuts to ensure that maturity, grade, size, weight, packaging, and labeling meet the consumers' quality expectations.
- ▶ Conduct chemical analyses for food, environmental, and worker safety.
- ▶ Perform verification audits to ensure good handling and agricultural practices.
- ▶ Help ensure fertilizer, animal feed, and livestock drugs are safe and effective, and meet the quality and quantity guaranteed by the manufacturer.
- ▶ Enforce provisions of the law that govern certified farmers' markets and the sale of organic foods.
- ▶ Encourage and expand the availability of affordable, California grown produce through the Office of Farm to Fork initiatives.
- ▶ Fund and coordinate research to advance the environmentally safe and agronomically sound use of fertilizer materials through the Fertilizer Research and Education Program (FREP), and publish the studies in the online database.

# Serving our Community

## Ensuring a safe, abundant, quality food supply

### Shipping Point Inspection

- Provides grading and certification along with food safety audits



### Feed Inspection Program

- ▀ We import 85% of our feed commodities used for animal food and we've performed nearly 4,500 assays to help ensure this feed supply is safe



### Center for Analytical Chemistry

- In 2015, the Pesticide Residue Monitoring Program conducted over 3,600 pesticide residue samples



# Serving our Community

## *Creating an equitable marketplace*

### **Certified Farmers' Markets**

- The CFM Program directs enforcement of over 800 CFMs and 2,500 producers throughout California



### **State Organic Program**

- As of 2016, there were 4,461 registered organic operations in California

### **Office of Farm to Fork**

- The Office of Farm to Fork partnered with state agencies and the Sacramento Food Bank to donate 700,000 pounds of food to needy families



## *Maintaining environmentally sound agricultural practices*

### **CalCannabis Cultivation Licensing**

- Licenses cultivators of cannabis and that cultivators are being good stewards.



### **Fertilizing Materials Inspection Program**

- Organic Input Materials
- Fertilizer Research Education Program





# Types of Positions-Jobs

- Agricultural Aides
- Agricultural Technicians
- Associate Governmental Program Analysts
- Environmental Scientists
- Fruit and Vegetable Quality Control Inspectors
- Laboratory Assistants/Technicians
- Office Assistants/Office Technicians
- Research Scientists
- Research Analysts
- Scientific Aids
- Staff Services Analysts

For additional information, please visit:  
[www.cdfa.ca.gov/is/](http://www.cdfa.ca.gov/is/)

Or

Natalie Krout-Greenberg, Director  
[Natalie.Krout@cdfa.ca.gov](mailto:Natalie.Krout@cdfa.ca.gov)  
(916) 900-5020

Carla Sanchez, Special Assistant  
[Carla.Sanchez@cdfa.ca.gov](mailto:Carla.Sanchez@cdfa.ca.gov)  
(916) 900-5020



# Division of Marketing Services





1 Division



6 Branches:


- Marketing
- Market Enforcement
- Agricultural Statistics
- Dairy Marketing
- Milk Pooling
- Fairs & Expositions



## Our Mission

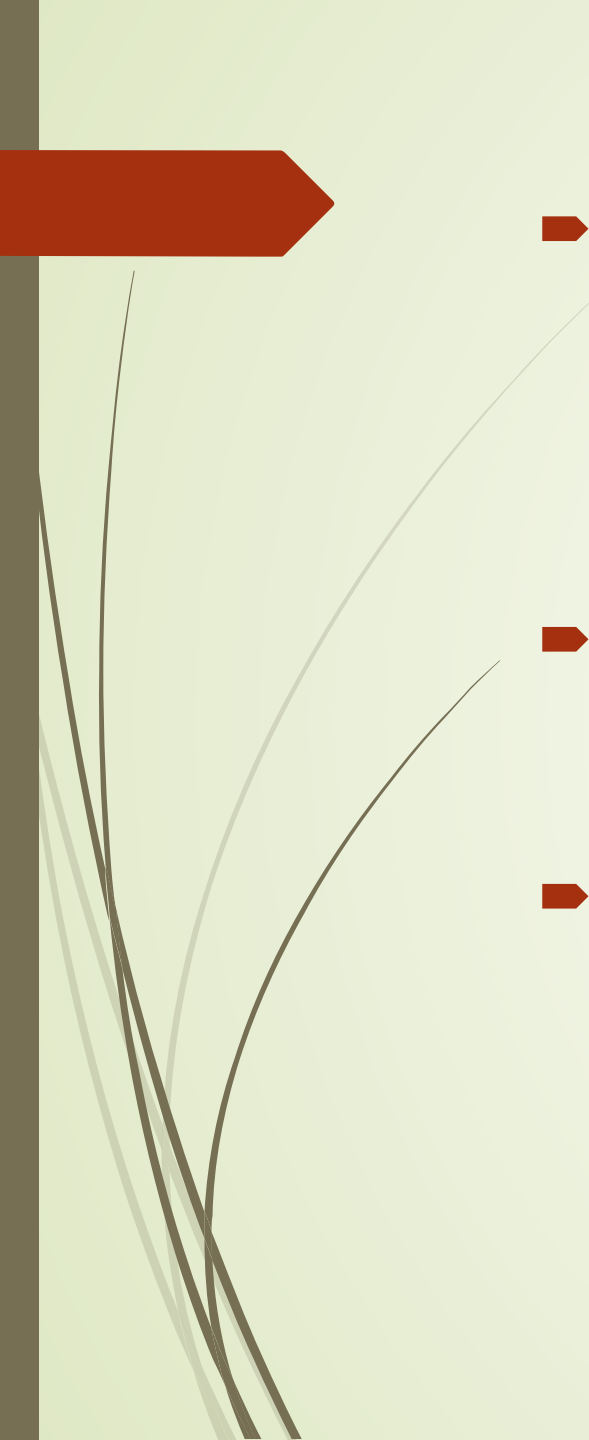
*We fairly and responsibly administer California's agricultural marketing programs.*





## *The activities carried out by our programs include:*

- ▶ Use funds provided by the industry to carry out programs that benefit the public and CA agriculture through
  - promotional activities (such as the Got Milk? And Buy California campaigns) and scientific research regarding sustainable farming practices
  - establishing quality and condition-based grades for farm products, and food safety activities (such as the nationally and internationally-recognized Leafy Greens Marketing Agreement).
- ▶ Make sure everyone pays what they owe to CA farmers and wholesalers. Payment enforcement activities serves as an incentive for producers and handlers of farm products who otherwise may fear entering/remaining in business.
- ▶ Mediate conflicts between sellers and buyer of farm product

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- Fostering market conditions that promote a healthy dairy sector. Stable market conditions promote increased production of milk as well as increases in the availability of affordable value-added products such as cheese, ice cream and yogurt.
  - Compiling valuable agricultural statistics that is later used by industry (including investors and entrepreneurs) and government to make decisions.
  - Oversee 77 fairs throughout the state. Each fair plays a vital role in its community on a cultural and business level. Fairs provide agricultural education, serve as emergency staging grounds and evacuation centers, provide environmental leadership, and generate millions of dollars in state and local revenue.



# Positions available at the Marketing Services Division

- Auditor (all ranges)
- Special Investigator
- Research Analyst
- Agricultural Economist
- Office Assistant
- Office Technician
- Associate Governmental Program Analyst (AGPA)
- Program Technician (all ranges)
- Staff Services Analyst (SSA)
- Different levels and types of supervisors



# Division of Measurement Standards





# Division of Measurement Standards

Enforcement of California weights and measures laws and regulations is the responsibility of the Division of Measurement Standards (DMS). The Division's activities are designed to:

- Ensure the accuracy of commercial weighing and measuring devices.
- Verify the quantity of both bulk and packaged commodities.
- Enforce the quality, advertising, and labeling standards for most petroleum products.
- The Division works closely with county sealers of weights and measures who, under the supervision and direction of the Secretary of Food and Agriculture, carry out the vast majority of weights and measures enforcement activities at the local level. Ensuring fair competition for industry and accurate value comparison for consumers are the primary functions of the county/state programs.



# What we do...

- **Metrology Laboratory:** The State Metrology Laboratory keeps and maintains the state standards of weight, volume, time, and length, which are used to determine the accuracy of weights and measures in the State of California.
- **Measurement Compliance:** Weighing and measuring devices such as gas pumps, scales, and scanners are inspected and tested periodically to minimize measurement errors. The quantities listed on packaged products and pricing accuracy at the checkout are verified to maintain consumer confidence.



## What we do...(cont.)

- ▶ **Weighmaster:** This program ensures that an official weight document used in commercial transactions is issued correctly by a licensed weighmaster. Periodic investigations verify the accuracy of the weight, measure or count stated on these documents.
- ▶ **Type Evaluation:** All commercial weighing and measuring devices must be evaluated, tested and approved before they can be used in California. As the only certified laboratory in the western United States, our facility serves to evaluate these devices for California manufacturers, as well as other states and countries.




## What we do...(cont.)

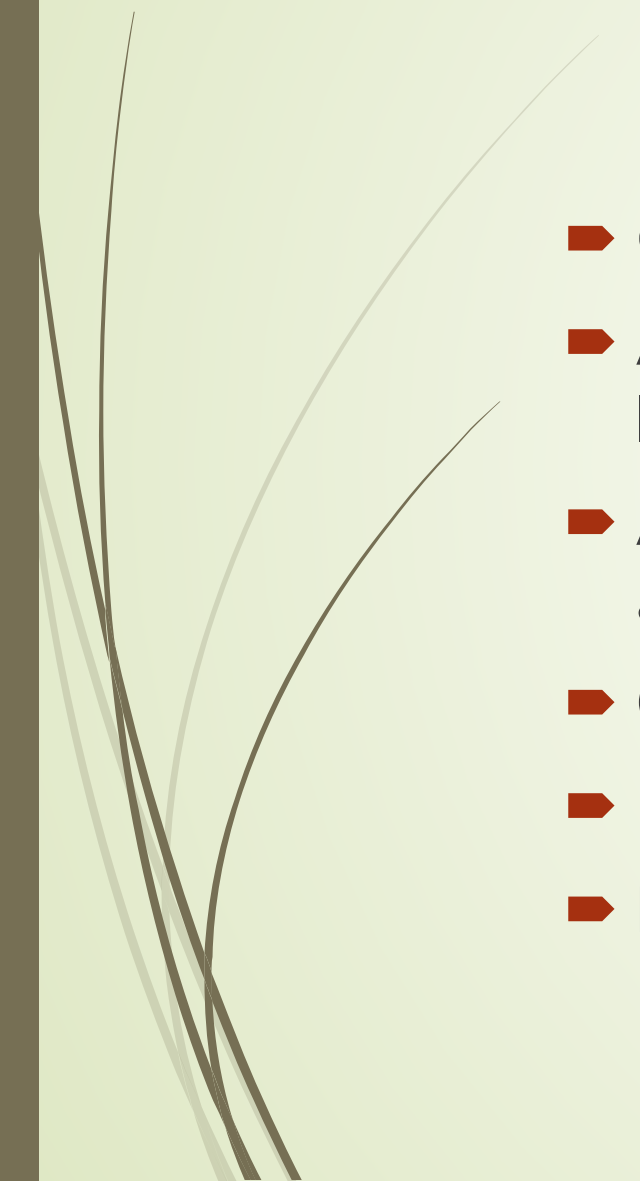
- ▶ **Petroleum:** Vehicle fuels, antifreeze, gear oil and automatic transmission fluids sold in California are tested to ensure they meet established quality standards. The advertising and labeling of these products is also regulated to ensure uniformity and fairness.
- ▶ **Alternative Fuels Quality and Oversight Program:** The Alternative Fuels Quality and Oversight Program implements a formal sampling, testing and reporting process to support regulatory and marketplace oversight of zero emission and alternative fuels in the state.


The Program will engage in sampling, testing, and data collection activities to: optimize quality specifications; refine laboratory test methods; and support data-driven policy directives by the Department and other agencies involved in zero-emission and alternative transportation fuels implementation.





# The Benefits to the Public and to Businesses

- ▶ Getting What You Pay For
  - ▶ Accurate Commercially Used Scales (e.g., grocery, livestock, vehicle)
  - ▶ Accurate Fuel Dispensers (e.g., gasoline, diesel, alternative fuels)
  - ▶ Quality Fuel to Help Maximize Vehicle Performance
  - ▶ Equity in the Market Place
  - ▶ Fair Competition for Businesses
- 



# Types of Positions and Education/Skill Sets at the Division of Measurement Standards

- ▶ Positions: Environment Scientists, Laboratory Technicians, Measurement Standards Specialists, Special Investigators, and various Administrative Specialties
- ▶ The educational backgrounds and skills employed by the DMS include:
  - ✓ Sciences: Physics, Chemistry, Material Science, Environmental Science
  - ✓ Mathematics: Measurement, Statistics, Algebra, Calculus
  - ✓ Technology: Engineering Technology, Analytical Lab Instruments, Data Acquisition, LIMS, Database Management
  - ✓ Law Enforcement: Criminal Justice, Investigation, Case Development, Evidence Gathering, Interview Techniques, Report Writing, Legal Testimony

# Plant Health and Pest Prevention Services

California Department of Food and Agriculture



# Plant Health and Pest Prevention Services

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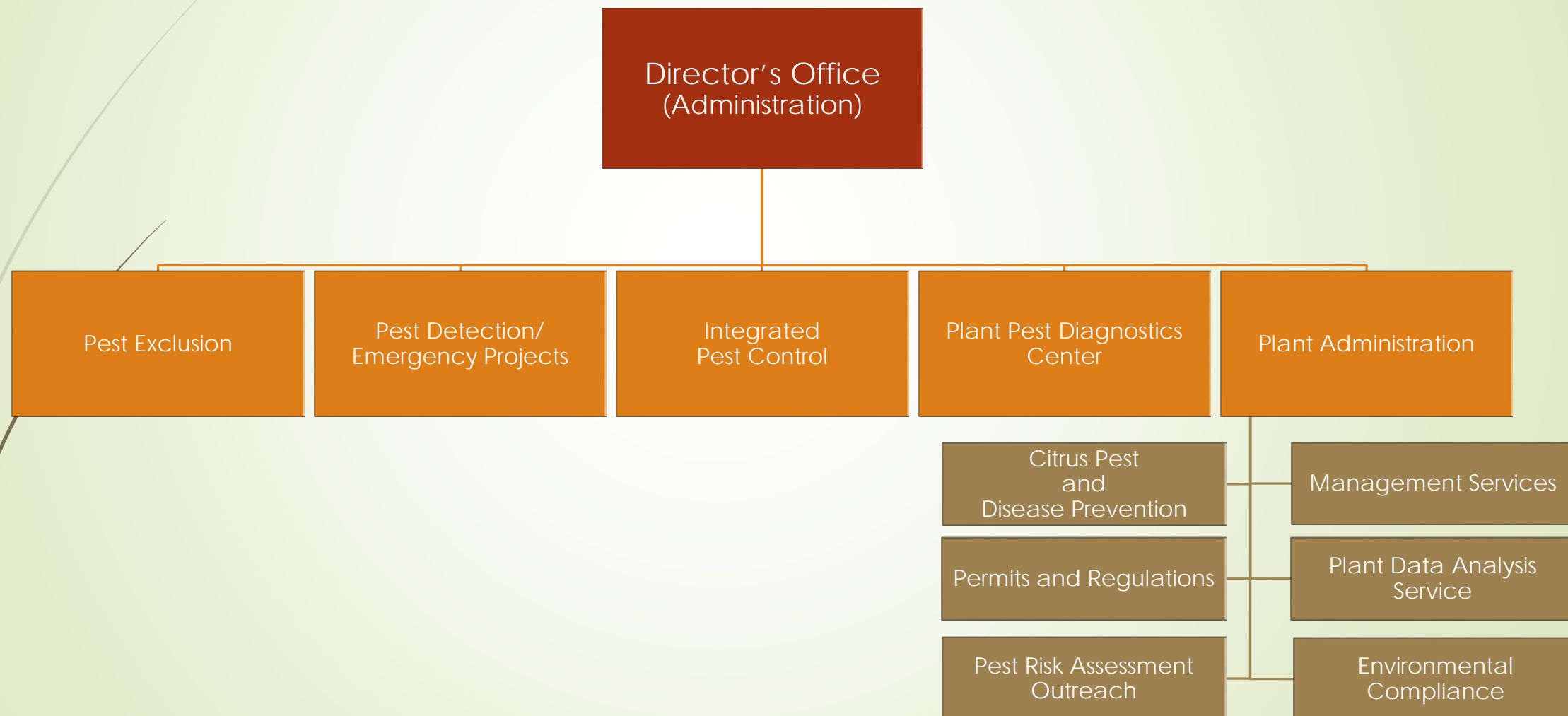
## WHAT WE DO:

- Protect California from the damage caused by the introduction or spread of harmful pests and diseases
- Protect food supply, environment and natural resources from direct pest impacts
- Protect public from pests that pose human health threats

## HOW WE DO IT:

- Establish and enforce effective laws and regulations
- Prevent the entry and establishment of harmful pests
- Detect infestations of pests quickly and eradicate infestations when feasible
- Provide timely and accurate diagnostics and seek the best scientific advice
- Develop and maintain best methods for pest exclusion, detection and eradication
- Ensure compliance with the California Environmental Quality Act
- Promote public education and awareness

# Organization Chart



# Plant Division Branches and Components

## ➤ Pest Exclusion

Serve the citizens of California by preventing the entry and spread of harmful pests and ensuring the availability of high-quality commodities for consumers worldwide.

## ➤ Pest Detection/Emergency Projects

Initiate and operate programs designed to detect and eradicate exotic pest infestations before the pests become established in California.

## ➤ Integrated Pest Control

Development, implementation, and communication of sound public policies on prevention of the damage exotic and harmful plant pests and disease can cause.

## ➤ Plant Pest Diagnostics Center

Serve as a scientific and professional resource that provides timely and accurate plant pest identifications, with the aim of protecting California's agriculture and environment.



# Plant Division Administration

- Plant Data Analysis Service
- Environmental Compliance
- Permits & Regulations
- Emerging Pest Risk Analysis
- Citrus Pest and Disease Prevention Program
- Management Services/Budget and Personnel
- Public Outreach

# The Plant Division Protects Our Food Supply and Environment

- The **California Border Protection Stations** are the first line of defense in our pest exclusion efforts. At these stations, vehicles are inspected for commodities infested with invasive species.
- The **California Dog Teams** have demonstrated that unmarked parcels present a high-risk pathway for harmful pests to enter California.
- The **County High Risk Pest Exclusion Program** is a vital component in the State's overall pest prevention efforts and is a crucial part of CDFA's mission to protect agriculture and the environment from the threat of newly introduced exotic pests.





# The Plant Division Protects Our Food Supply and Environment



McPhail Trap (CDFA)



- **Pest Detection/Emergency Projects** find insect pests before they infest one square mile and plant diseases before they exceed one-half of a square mile and eradicate infestations of serious pest, thereby preventing spread and permanent establishment.
- **Environmental Monitoring** ensures that only the prescribed materials in the targeted amounts are applied. The program monitors relevant pesticide levels in environment before and after treatments.
- **Integrated Pest Control** coordinates with universities and state institutions to manage vertebrate pests.
- **Plant Pest Diagnostics Center:** before you can fix a problem, you have to know what caused it. Scientists and staff complete the timely and accurate diagnosis of plant pests, weeds, and diseases and evaluation of seed quality and viability.




# Employees we hire (Classifications)

- Administrators
- Agricultural Aides and Technicians
- Environmental Scientists, Environmental Program Managers
- Insect Biosystematists, Plant Systematists
- Laboratory Technicians
- Office Technicians
- Plant Nematologists, Plant Pathologists
- Research Analysts
- Seed Botanists
- Seasonal Technicians
- Staff Services Analysts, Associate Governmental Program Analysts



Questions?



Thank you for joining us today  
and for supporting California  
Agriculture!