



Western Weights & Measures Conference

Saguaro Hotel
September 27, 2017
Leatta McLaughlin



Arizona Fun Facts



- Our official state neckwear is the bolo tie
- Santa Cruz County (1,237 sq. miles) is the smallest of our 15 counties but is larger than more than 72 countries
- Our rainfall averages range from less than 3 inches in the deserts to more than 30 inches per year in the mountains
- Our hottest temperature was 128° at Lake Havasu City on June 29, 1994
- Our coldest temperature was 40° below zero at Hawley Lake on January 7, 1971
- The worst range war and family feud in the West, which claimed the lives of dozens of ranchers, ironically occurred in a place called Pleasant Valley, AZ
- Sandra Day O'Connor, the first woman appointed to the U.S. Supreme Court, grew up on a large family ranch near Duncan, AZ

AZ Agriculture Fun Facts

- Prescott, AZ is home to the world's oldest rodeo, and Payson, AZ is home to the world's oldest continuous rodeo—both of which date back to the 1880s
- Yuma is the country's highest producer of winter vegetables and is the winter lettuce capitol of the world
- AZ grows enough cotton each year to make more than one pair of jeans for every person in the United States
- AZ produces enough beef annually to feed over 4.6 million Americans
- If you cut down a protected species of cactus in AZ, you could spend more than a year in prison



AZ Dept of Agriculture (AZDA)

MISSION STATEMENT:

To support and promote Arizona agriculture in a way that encourages farming, ranching and agribusiness, protects the well-being of people, plants, animals and the environment while safeguarding commerce, consumers and natural resources.

- AZDA is a cabinet-level agency established in 1991
- AZDA is charged with *regulating & promoting* agriculture while safeguarding the public



VISION STATEMENT:

To be recognized as a global leader in enhancing and protecting agricultural commerce, championing consumer awareness and protection while fostering and promoting an understanding of Arizona agricultural products and producers.

AZDA Overview

AZDA Programs

- Agricultural Consulting and Training
- Animal Services Division
- Citrus, Fruit, and Vegetable Standardization
- Environmental Services Division
- Pest Management Division
- Plant Services Division
- State Agricultural Laboratory
- Weights and Measures Services Division



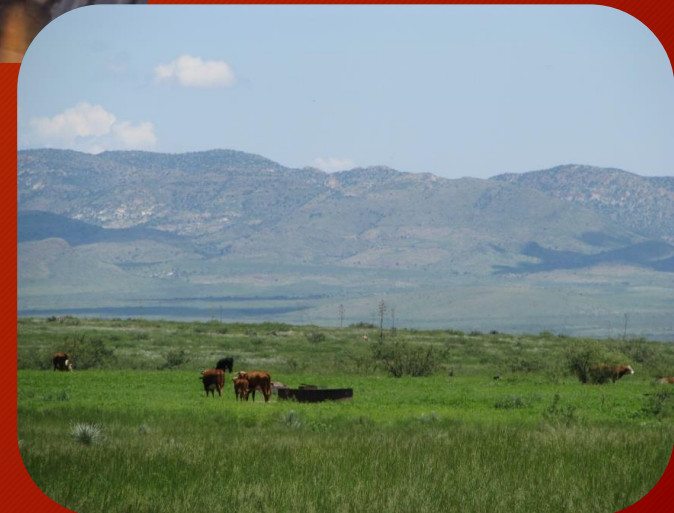
- 269 full-time employees
- \$27 million total budget
- 46% Industry Fees, 35% General Fund, & 19% Federal Grants



Agricultural Consulting and Training

Agricultural Consulting and Training (ACT)

- Pesticide & Worker Safety Compliance Assistance
- Air Quality (PM¹⁰) Compliance Assistance
- Specialty Crop Block Grant
- Livestock & Crop Conservation Grant
- Good Handling Practices/Good Agricultural Practices (GHP/GAP)
- Council and Board Administration



ACT LEAN Project

- Specialty Crop Block Grant Sub-Grantee quarterly report review and reimbursement requests were taking too long to process
- By prioritizing staff time with calendar scheduling (blocking out time for report review) and prioritizing reimbursement requests based on the level of review necessary (i.e. zero dollar reports last)
- Program staff reduced the average number of review/processing days from **42** to **21**





AZDA

**ARIZONA
DEPARTMENT
OF AGRICULTURE**

Animal Services Division

Animal Services Division (ASD)

The Animal Services Division protects the public from contagious and infectious disease in livestock, poultry, commercially raised fish, meat, milk, and eggs

ASD is comprised of 5 programs: Dairy Inspection, Egg Inspection, Livestock Inspection, Meat & Poultry Inspection, and State Veterinarian's Office



ASD LEAN Project

Hand written field inspection forms

RETAIN TILL SOLD ARIZONA DEPARTMENT OF AGRICULTURE
Livestock Inspection Certificate
If health certificate, or permit is required for inter-state shipment, they must be in addition to and accompany this certificate.

Date: 04-27-13 Inspection Point: 0888 County: 08 State: 08
Print Signature - Last Name First: RUDOWSKY Corral: PUMPKIN CENTER
Print Address: Kingman AZ Name: RUDOWSKY, Mick Destination: CHANDLER VALLEY
Signature of Seller or Owner: [Signature] Address: PO 546 Kingman AZ 86402 Destination Code: 1329-1386
By: SELF Address: PO 546 Kingman AZ 86402 City or Town: CHANDLER County: VALLEY State: 13
Trucking Company: SELF Vehicle License: N/A

CIRCLE LIVESTOCK INSPECTED ON THIS CERTIFICATE

BRAND	LOCATION	COLOR OR BREED	BULLS	COWS	STEERS	HEIFERS	RAMS	EWES	LAMBS	GOATS	EQUINES
<u>MT</u>	<u>LR</u>	<u>Black Horn</u>		<u>1</u>							
<u>NDB</u>	<u>Blue Horn</u>	<u>B/c</u>	<u>1</u>								

LIVESTOCK MOVED TO (CIRCLE CODE LETTERS)
In in State: DA Out of State: FE
AU Auction FE Fawcett
DA Dairy
CU Slaughter "Custom"
CD Slaughter "Commercial"
SE Seasonal
SH Show & Return
SHIPPER PURCHASER
AU Auction AU
DA Dairy DA
RA Rancher RA
FE Fawcett FE
IN Individual IN

State of Origin: OUT OF
(If other than Arizona)
REG ID NO: 1364

BRAND NOS.
1364

PREVIOUS INSPECTION NOS.

TOTALS
CATTLE: 1
BEEF COUNCIL: 1
SHEEP OR GOATS: 1

FEES
TOTAL INSPECTED: 1
TOTAL COLLECTED: 0.00
TOTAL INSPECTED: 1
TOTAL COLLECTED: 0.00
TOTAL INSPECTED: 1
TOTAL COLLECTED: 0.00

SHIPMENT
CASH ☐ CHECK ☐ FEES WAIVED ☒

Signature of Livestock Officer: Benny Bullock Badge No: 713

THIS CERTIFICATE OF INSPECTION IS NOT AND SHALL NOT BE USED AS A BILL OF SALE.

IT-based inspections

Panasonic CF-20 **TOUGHBOOK**

5. Summary / Approval

Seller / Inspection Information
Inspection Reason: Change of Ownership
Seller: Yavapai Apache Nation (Yavapai Apache Nation) (Rancher)
2400 W Datsi St
Camp Verde, AZ 86322-8412
Phone numbers:
Inspection Location: YAVAPAI, Camp Verde (1321)
Location: Corral (Cloverleaf Corral)

Livestock
2 Black, Crossbred, Steers (Cattle)
Previous Inspections:
Born on place 0000

Total Headcount: 2
Paid for on 8/26/2017 using Cash.
Cash Accepted: \$12.50
Change: \$0.00

Species Fee: \$0.50
Beef Council: \$2.00

Service Charge: \$10.00
Total Fees: \$12.50

Buyer Information
Buyer: Steve Lacey (Lacey, Walter S) (Individual)
5148 N Tutthill Rd
Litchfield Park, AZ 85340-9467
Phone numbers:
Phone: (623) 692-9646

Destination Location: MARICOPA, Waddell (0799)
Shipping type: Buyer

Approval
I hereby certify under penalty of perjury that all information on this form is true and correct and that I am the legal owner or duly authorized agent of the legal owner of the above described animals.

ASD Fun Fact



- The expiration date on commercial eggs is 24 days, including the day of packing
- 211 - Julian date, when the egg was packaged
- P1711 - plant number where the egg was processed
 - P1711 is the Hickman's Family Farms processing plant in Maricopa



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Citrus, Fruit, and Vegetable

Citrus, Fruit, and Vegetable (CFV)



- Protects against exporting, importing, & selling of sub-standard produce through the enforcement of uniform standards
- Enforces US import requirements at the international border between Arizona & Mexico
- Food Safety Audits

CFV LEAN Project

- A Specialized Training Program was implemented for inspectors that were making errors resulting in a Superseded Certificates
- Prior to implementation, 6 inspectors averaged 14 - 22% Supersedes
- Goal - reduce Supersedes to 10% or below for each inspector
- A Special Projects Training Officer was appointed
- The goal was met by the next year
- This process will be repeated annually to maintain this level of accuracy



CFV Fun Facts

Yuma, AZ is the winter vegetable capital of the world

About 90% of all the leafy vegetables grown in the US from November through March are grown in and around the Yuma area

9 salad plants process more than 2 million pounds of salad per day during the peak of production and employ 50,000 workers





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Environmental Services Division

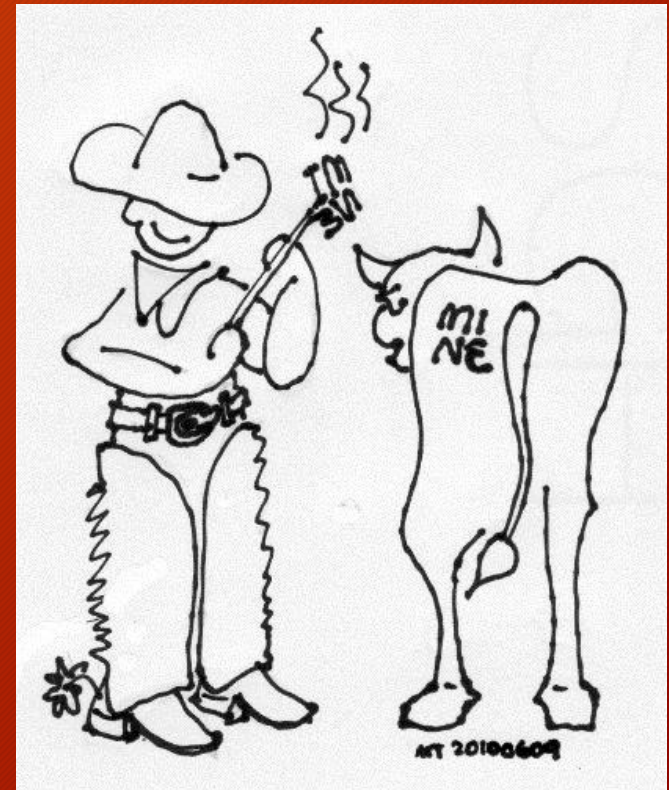
Environmental Services Division (ESD)

- Pesticide Compliance & Worker Safety
- Non-Food Quality Assurance
- Licensing
 - Native Plant
 - Devices - WMSD
 - Many more



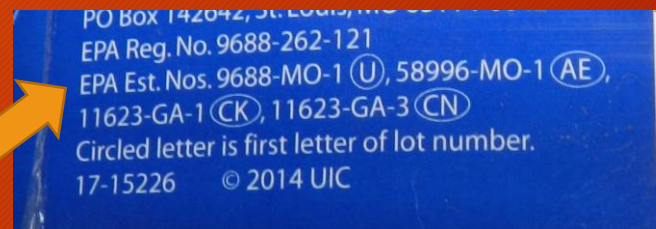
ESD LEAN Projects

- Livestock Brand Recordings
 - It took people 9 months to get a brand recorded
 - Changed the process & clarified the form - now down to 67 days of which 36 days are for public advertising
 - On-line ability to renew now available
- Worker Safety Trainers
 - Issuance of certificates took 44 days on average
 - Eliminated laminated cards & changed processes slightly
 - Issuance is now less than 10 days



ESD Fun Facts

- Staff of 8 - over 120,000 licenses, permits, registrations, certifications etc. travel through the office each year - 25% WMSD
- Did you know that household cleaners, insect repellants, and roach killers are all pesticides?
- All require registration with the EPA and you can tell where the product was manufactured from the label
- Missouri or Georgia - bottle would tell “lot” which would get you to the state





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Pest Management Division

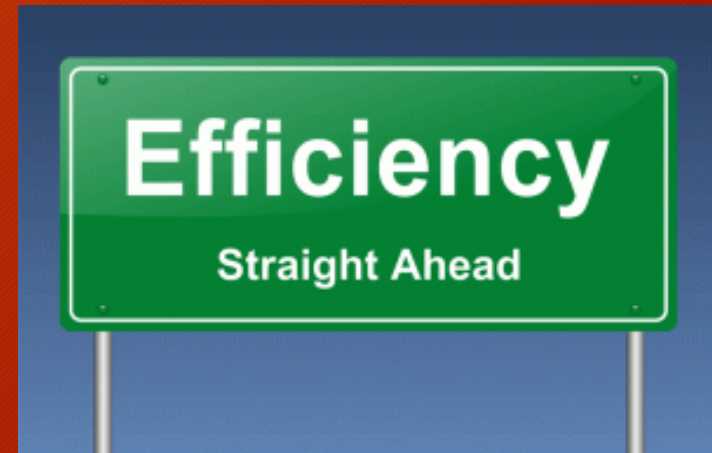
Pest Management Division (PMD)

- Recently merged into AZDA
- Regulates all residential and commercial areas:
 - General pest control
 - Wood-destroying organism management (e.g. termites, powder post beetles, etc.)
 - Ornamentals & turf pests (including weeds)
 - Right of Way
 - Aquatic pest management
 - Fumigation
 - Wood Preservatives (telephone poles, railroad tracks)



PMD LEAN Projects

- Increased compliance which reduced manpower
 - Compliance increased from 79% to 91%
 - 2 PowerPoint presentations were created which trained the industry about the laws
 - Emails were sent to all company owners about these 2 training courses
- Reduced time for adjudicating unlicensed activity cases
 - Investigation time was reduced from 120 days to 60 days
 - # of staff “touching” each case was reduced from 3 to 2
 - Unlicensed cases were made a priority over all other cases since they could be reviewed and written up quicker than other complaints



PMD Fun Facts

There are approximately 1,400 species of scorpions in the world and only 25 are considered lethal. And, the State of Arizona is home to one of those lethal species- the Bark Scorpion. It is also one of the relatively few species that is able to climb vertical walls.

While most scorpions are solitary creatures, the Bark Scorpion is known to congregate in packs of anywhere from 20 to 30 at a time!





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Plant Services Division

Plant Services Division (PSD)

Facilitates commerce & safeguards ag through a comprehensive, risk-based process which includes:

- Establishment & enforcement of external quarantines to prevent the introduction of hazardous plant pests
- Early detection of hazardous plant pests to minimize the impact of an introduction & the cost to stakeholders to mitigate it
- Inspection & certification of ag & horticultural commodities for domestic & international export



PSD LEAN Project

- Reduced steps in the nursery certification process from 17 steps to 6
 - Added an online certification application which allowed applications to be processed faster and applicants to pay on-line
 - Adding online processing of Domestic Export Certificates through an existing Federal system that processes International Export Certificates simplifying the application and certification of commodities
 - Simplified and reduced the amount of paper files stored on-site and streamlined the process overall for stakeholders already on the system



PSD Fun Fact

PSD has almost 10,000 insect traps placed around the state and monitored every 2 weeks to safeguard agriculture and the public from exotic pests of concern





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State Agricultural Laboratory

State Agricultural Laboratory (SAL)



GUARANTEED ANALYSIS 19-6-12

Total Nitrogen (N)	19.0%
10.5% Nitrate Nitrogen	
8.5% Urea Nitrogen	
Available Phosphate (P2O5)	6.0%
Soluble Potash (K2O)	12.0%
Sulfur (S)	5.0%



- Compliance Testing
 - Feed, fertilizer, seed, & pesticide product labeling compliance analyses
 - Forensic testing for pesticide misuse investigations
 - Mycotoxin testing in pet food & animal feed
- Food Safety Testing
 - Milk, dairy, meat, & produce products
- Animal Health Surveillance

SAL LEAN Project

- Improved on-time performance for feed sample testing
 - Increased the samples reported on-time from 55% to 100%
 - Held a week-long event that established 9 Opportunities for Improvement (OCIs)
 - 51 employee-based ideas and 17 customer-based ideas have been implemented, resulting in the overall improvement
 - An additional 29 ideas have been partially implemented



SAL Fun Fact

Any laboratory that provides agricultural laboratory testing to agencies or departments of this state or its political subdivisions shall be certified by the State Agricultural Laboratory





Weights & Measures Services Division

Weights & Measures Services Division (WMSD)

- Recently moved into AZDA
- Ensures that commercial devices (scales, vapor recovery, liquid petroleum gas, etc.) used for the sale of commodities by weight, measure, or count are licensed and accurate
- Works to prevent unfair dealing by weight, measure, or count
- Implements 2 air quality protection programs, vapor recovery and cleaner-burning gasoline.
- Ensures that prices are posted & items are scanned correctly
- Conducts regular inspections to ensure compliance



WMSD LEAN Project

- After examination of data, we discontinued 2nd fast test and slow test for sites with results between 0 and -5 cubic inches
- For example, out of 29,490 tests, only 14 would pass the regular test and fail the slow flow (0.4%)
- Saved an average of **3,000** work hours per year
- Allows us to perform packaging, large scale, high flow diesel, DEF, and propane inspections that had not been done consistently for many years



WMSD Fun Fact



WMSD has taken
pictures of 5
people breaking
into fuel
dispensers to
retrieve
skimming
devices

