

# Produce Rule

**What to expect?**

**What is Different?**

**What is Similar?**

# Employee Hygiene and Training

- **Produce Rule**

- Worker Health, Hygiene and Training

- Training: required upon hiring and then at least once a year.
    - Training must include: principles of food hygiene and food safety.
    - Recognizing symptoms of foodborne illnesses and importance of personal hygiene.
    - Training based on the employee's job responsibilities
    - Training must be documented.
    - SOP's are not required.



# Employee Hygiene and Training

- **LGMA**

- Field and Harvest Personnel-Transfer of Human Pathogens by Workers.
  - Training is required at frequencies established by the company.
  - Training in proper sanitation and hygiene practices.
  - Training must be documented.
  - SOP's are required.



# Employee Hygiene and Training

- **GFSI**

- Field Worker Hygiene and Harvesting Inspections, Policies and Training.
  - Training is required at the start of the season and then at least quarterly.
  - Training in proper sanitation and hygiene practices.
  - Training must be documented.
  - SOP's are required.

# Soil Amendments/Fertilizers

- **Produce Rule**

- Soil Amendments

- Raw manure, composted manure, chemical fertilizers, green waste, and biosolids.
      - Human waste is prohibited for use unless it meets the EPA regulation for biosolids (40 CFR part 503).
    - Application intervals for treated and untreated soil amendments have not been established by the FDA.
    - Workers handling soil amendments should be trained.
    - Keep records of soil amendments applications and treatments.
    - Testing for compost is not a requirement, it is recommended.

# Soil Amendments/Fertilizers

- **LGMA**

- Soil Amendments

- DO NOT USE biosolids.
    - Do NOT USE raw manure, or soil amendments that contain un-composted or incompletely composted animal manure or green waste.
    - Application intervals for composted animal manure are established.
    - Workers sampling compost must be trained.
    - Keep records of soil amendments applications and treatments.
    - COA's required.
    - LOG from synthetic/chemical fertilizers are required.





# Soil Amendments/Fertilizers

- **GFSI**

- Fertilizer/Crop Nutrition

- Raw manure, composted manure, chemical fertilizers, green waste, and biosolids.
      - DO NOT USE untreated human sewage sludge.
    - Application intervals for treated and untreated soil amendments are established.
    - No training requirements for employees handling soil amendments.
    - Keep records of soil amendments applications and treatments.
    - COA's, LOG are required.



# Animal Intrusion/Adjacent Land

- **Produce Rule**

- **Wildlife, Domesticated Animals and Land Use**

- Co-Management: considers both food safety and conservation of natural resources. (Not mandated by the rule).
    - Monitor and document animal activity.
    - Assessing Risks before planting.
      - Adjacent land use.
      - Wild life.
    - Working Animals.
    - Pets.
    - Pre-Harvest Assessments.
    - Corrective Actions.
      - Document CA's
    - Worker Training.
    - Records (Must): employee training.
    - Records (Should): Pre-plant land assessment, pre-harvest risk assessment, monitoring for animal activity, corrective actions, intrusion and contamination events.





# Animal Intrusion/Adjacent Land

- **LGMA**

- Environmental Assessments.

- Pre-Season Risk Assessment, must be documented.

- Pre-Harvest Risk Assessment, must be documented.

- Adjacent Land Use.

- Hobby Farms

- Grazing Land

- CAFO's



- Corrective Actions must be documented.

# Animal Intrusion/Adjacent Land

- **GFSI**

- Ground History.

- Previous land use.
    - Flood.
    - Animal Intrusion.
    - Fecal Contamination.

- Adjacent Land Use.

- Residential.
    - Grazing Land.
    - CAFO's.

- Risk Assessments, CA's and Monitoring must be documented.



# WATER

- **Produce Rule**

- Agricultural Water:
  - Part I: Production Water
  - Part II: Postharvest Water

Water still on review, Don't change what you are doing now.



# WATER

- **LGMA**

- Water (Pre-harvest).
- Water (Post-harvest).





# WATER

- **GFSI**

- Irrigation/Water Use.
- Harvesting Water (Post harvest water).



# Field Sanitation

- **Produce Rule**

- Postharvest Handling and Sanitation.

- Workers must never harvest product that is contaminated with feces.
    - Workers must never harvest dropped product.
    - Reduce Risk in Packing Areas.
    - Assessing Risk in Packing Areas.
      - Identify food contact surfaces.
      - Product flow from the field through the packing area into storage and out to transportation.
      - Zoning.
      - Packing Containers.
      - Pest management.
    - Cold storage areas.
    - Ice and Ice Slurries.
      - Water that is free of detectable generic E. coli/100 mL.
    - Corrective Actions.
    - Record Keeping (Must): cleaning and sanitizing of tools, equipment, and containers.
    - Additional Records (may) include: Pest Management, Building Maintenance and Monitoring, Worker Training on sanitation SOP's Packing area and cold storage cleaning and monitoring, Vehicle cleaning and inspections prior to loading.



# Field Sanitation

- **LGMA**

- **Harvesting Equipment (Field Sanitation)**

- Cleaning and Sanitizing harvesting equipment.

- SOP covering harvest equipment, handling and storage of product containers.

- SOP for sanitary operation of equipment: foreign material, leaks and spills.

- Cleaning and Sanitizing Records.

- **Field and Harvest Personnel**

- Hygiene training.

- Sanitary Facilities.

- **Cross Contamination by Farming Equipment SOP.**

- Corrective Actions must be documented.

# Field Sanitation

- **GFSI**

- **Harvesting Practices.**

- Cleaning and Sanitizing harvesting equipment.

- SOP covering harvest equipment, handling and storage of product containers.

- SOP for sanitary operation of equipment: foreign material, leaks and spills.

- Cleaning and Sanitizing must be documented.

- **Field and Harvest Personnel.**

- Hygiene training.

- Sanitary Facilities.



# Manual

- **Produce Rule**

- Food Safety Plan (Not required).
  - Maps
  - Policies
  - SOP's
  - Training Records
  - Agricultural Water Test Results
  - Emergency Contact Information
  - Supplier and Buyer information
  - Traceability and Recall Plans
  - Contact information for contracted services



# Manual

- **LGMA (Required).**
  - Compliance Plan Must include:
    - Water.
    - Soil amendments.
    - Environmental factors.
    - Work practices.
    - Field sanitation

# Manual

- **GFSI (Required).**

- Food Safety Manual

- FSMS

- GAP

- Maps

- Field Security

- Ground History

- Adjacent Land Use

- Pest Control (Green Houses)

- Growing Media (Green Houses)

- Fertilizers/Soil Amendments



# Manual

- Water Use
- Pre harvest and post harvest.
- Crop Protection
- Employee Hygiene
- Harvesting Inspections, Policies and Training
- Harvesting Worker Activities and Sanitary Facilities
- Harvesting Activities
  - Post harvest water
  - Equipment
  - Packing material
- Transportation and tracking
- On site Storage



Questions???

**Lorena Ortiz-Williams**

**LJ Ag Works LLC**

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