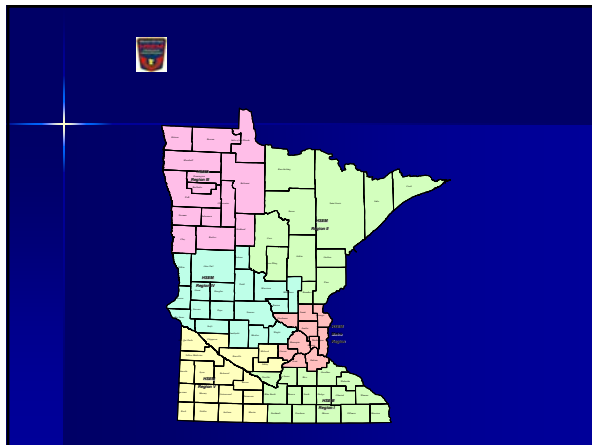


## Who's Who in Agricultural Emergency Response?

## Homeland Security and Emergency Management



- Mission:
  - To reduce or eliminate the effects of natural, manmade or technological disasters by promoting prevention and ensuring emergency preparations, coordinating state agency response and providing resources for recovery



## Animal Health Emergency Response

Minnesota Board of Animal Health and  
USDA-APHIS-Veterinary Services



[www.bah.state.mn.us](http://www.bah.state.mn.us)  
651-296-2942

### MN Board of Animal Health

- Minnesota's official animal disease control and eradication agency
- Created more than 100 years ago
- Part of network to protect public health and food supply

### USDA-APHIS-Veterinary Services

- Federal partner in eliminating animal diseases

### Board Resources

- Staff with expertise in disease control
- Veterinarians located across state
- Foreign Animal Disease Diagnosticians (FADD)



## Board Resources (con't)

- Ag Specialists with 'real world' industry experience and understanding of animal laws
- Staff trained in Incident Command System (ICS)
- Expertise in disease investigations



## Board Resources (con't)

- Emergency response plans
- Livestock premises database
- Strong working relationship with livestock industry, veterinarians, and state/federal agencies
- Communications network for alerting producers, veterinarians, and other stakeholders



## Regional Approach

- Effective means for asset allocation, funding priorities, planning, and promotion of mutual aid
- Maximize accessibility to and effectiveness of resources

## Minnesota Agriculture Emergency Response

Minnesota Department of  
Agriculture

## Dairy and Food Inspection Division

- Enforce state laws and regulations related to the production, processing and sale of milk and other dairy products, processed foods, meats, beverages, eggs, poultry and poultry products, and animal feed.
- Enforce state laws designed to protect Minnesota's food supply from accidental or intentional contamination.

## Plant Protection Division

- Protects Minnesota agricultural crops and native plant species
  - certifies plant material and commodities for export.
  - primary responsibility for terrestrial invasive species prevention, early detection and rapid response in the state
  - collaborates closely with USDA Animal and Plant Health Inspection Service—Plant Protection and Quarantine

## Pesticide & Fertilizer Management Division

- Enforce state and federal law pertaining to the sale, use, storage and disposal of pesticides, fertilizers, and agricultural lime.
  - Includes herbicides, insecticides, fungicides, rodenticides and fumigants
- Agriculture Chemical Emergency Response Team

## Agricultural Chemical Emergency Response On-Call Team

- On-Call Team
  - MDA's "Duty Officer "
  - Roster of 4
  - 40 hour HazMat trained
  - On-call 24/7
  - Respond to app. 150 incidents annually



## Minnesota Pollution Control Agency's Role in Agricultural Emergencies



## MPCA: Who are we?

- State agency responsible to protect Minnesota's environment through monitoring environmental quality and enforcing environmental regulations
- Air, water, and land
- Offices in 7 locations: St. Paul, Duluth, Brainerd, Detroit Lakes, Marshall, Willmar, Mankato, and Rochester

## MPCA Responsibilities During an Emergency

- MN Emergency Operations Plan (MEOP) and Governor's Executive Order
  - Damage Assessment
  - Hazardous Materials
  - Debris Management
  - Infrastructure – WWTP

## MPCA Contingency Plan

- Roles & Responsibilities
- Emergency Authorities
- Incident Management
- SOPs/SOGs
- Training, Exercises, and Maintenance

## Standard Operating Procedures (SOP) for Natural Disasters & Terrorism Incidents

Focus on natural disasters

Appendices build on main text

- Conventional Explosives Event
- Chemical Event
- Biological Event
- Radiological Event

## SOP Organization

Chronological by task

Reporting to command

Incident action plan

Long term monitoring



## Disposal Options Related to Ag Emergencies

- Composting
- Burning
  - Air Curtain
  - Open
- Rendering
- Burial
  - Special Purpose Lined Landfill
  - Open Hole
- Landfill



## Composting

- BAH has rules and guidance
- BAH can authorize emergency composting
- Manage the operation
- Only poultry, swine, sheep and goats
- Requires Solid Waste Permit - exemption provision



## Burning: Air Curtain or Open



## Rendering

- BAH has rules and statute
- Transportation permitting
- Limited facilities



## Burial: Open Hole or Lined



## Burial: Lined Landfill

Municipal Solid Waste  
or  
Industrial



## Use of Closed Landfills

- 107 Minnesota sites
- 25 owned by MPCA
- Controversial
- Legal issues
- More likely to be used for sorting and transfer



## University of Minnesota Extension



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**Extension**  
SERVICE

## Front Door to the University of Minnesota

- For communities...
- Agricultural producers
- Businesses
- Families
- State, local, and federal agency partners



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**Extension**  
SERVICE

## We provide...

- Unbiased, research-based education and information.
- Resources and expertise to help communities solve complex problems.
- A direct and trusted connection to communities.



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**Extension**  
SERVICE

## Our Programs Include:

- Ag, food, and natural resources.
- Youth and family development.
- Community vitality and economic development.



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## Accessing Extension

- Regional Centers



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## County Extension Offices



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U of M Extension - Offices - Windows Internet Explorer  
http://www.extension.umn.edu/offices/

UNIVERSITY OF MINNESOTA  
**EXTENSION** Community Environment Family Farm Garden Living

County and Regional Extension Offices

Click inside the red box of the regional center on the map to get contact and address information. Or click inside a county on the map to link to the home page of that county Extension office. You can also select a regional center name or county name from the drop-down menus on the left.

Extension Offices  
Waseca  
Select Regional Office  
Staff Directory

## Also --

- Minnesota Extension Disaster Education Network...
- Statewide coordination and planning for Extension's response in cooperation with partner agencies.



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**Extension**  
SERVICE

## Contact:

- **Bob Byrnes**

Regional Director  
University of Minnesota Extension Regional  
Center  
1424 E. College Dr., Suite 100  
Marshall, MN 56258  
Phone: (507) 337-2809 / Fax: (507) 337-2802  
Email: [byrne007@umn.edu](mailto:byrne007@umn.edu)

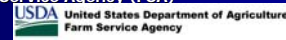


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## Agricultural Emergency Response

USDA Farm Service Agency (FSA)



[www.fsa.usda.gov/mn](http://www.fsa.usda.gov/mn)

651-602-7700

## USDA Farm Service Agency

- Administers and manages farm commodity, credit, conservation, disaster and loan programs
- Chairs the County Emergency Boards for agricultural disasters
- Maintains Farm Records and agricultural information for each county

## FSA Resources

- Staff with expertise in Federal Agricultural programs such as disaster assistance for agriculture
  - 79 Service Centers located throughout Minnesota
  - Established County Emergency and State Emergency Boards for Agriculture
  - Disaster information tracked and compiled using STORM software and GIS
  - T1 network links all Service Centers statewide
  - Available meeting rooms and access to GIS staff in the event of a disaster

## Other agencies that may be involved in ag emergency response

- USDA - NRCS
- Solid Waste Control District
- Feedlot Officer
- Public Health
- Law Enforcement