



The Extension Disaster Education Network (EDEN)

Dairy Farm Emergency Preparedness



**THE DAIRY
PRACTICES
COUNCIL®**

**The Dairy Practices Council:
40th Annual Conference
November 6, 2009**

**Dave Filson – EDEN chair
Penn State University**

www.EDEN.Isu.edu

Cooperative Extension Service

What is Extension ?

- ❖ Federally affiliated with the U.S. Department of Agriculture
- ❖ Affiliated with Land- and Sea-Grant colleges and universities in every state
- ❖ Serves every county in the country
- ❖ Takes university research to the people through non-formal education
- ❖ Coordinates the 4-H Clubs, the Master Gardner Program, and many more non-formal programs

*“A
Collaboration
of Land Grant
University
Extension
Professionals”*

Land-Grant System



United States Department of Agriculture
Cooperative State Research, Education, and Extension Service

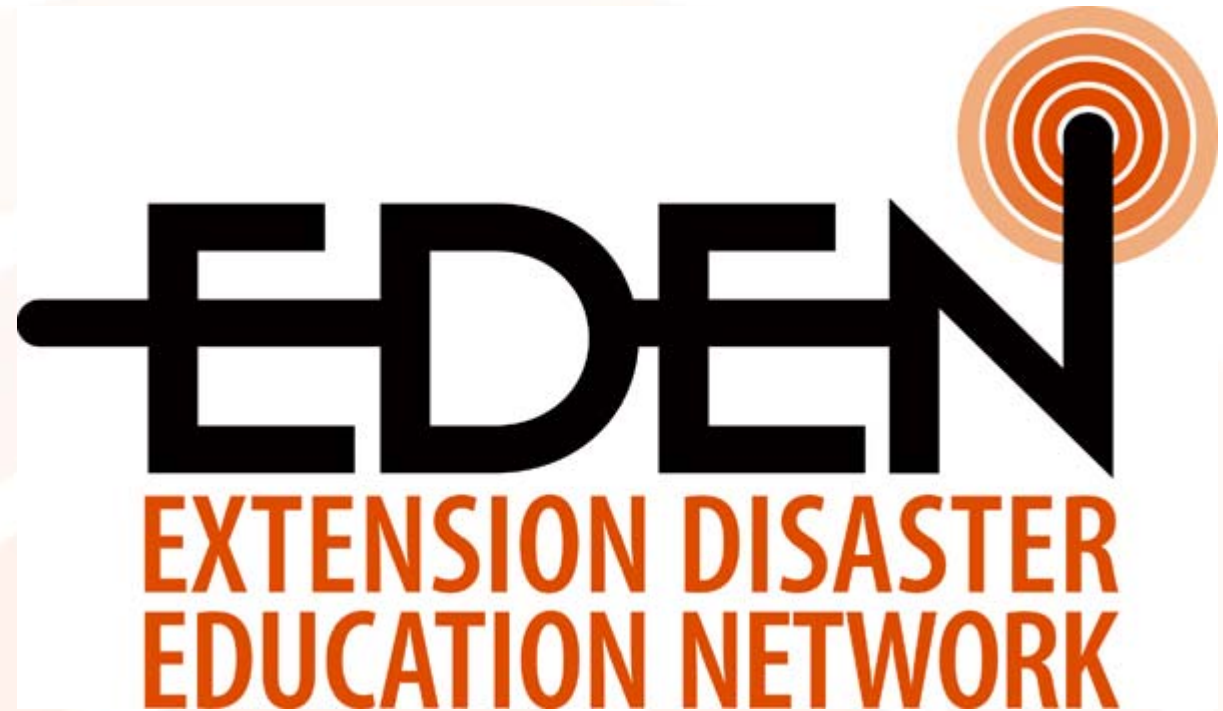
Land-Grant Colleges and Universities



Cooperative Extension Roles

- ❖ Agricultural & Food Biosecurity
- ❖ Agricultural Systems
- ❖ Animals & Animal Products
- ❖ Biotechnology & Genomics
- ❖ Economics & Commerce
- ❖ Education
- ❖ Families, Youth & Communities Food, Nutrition & Health
- ❖ International
- ❖ Natural Resources & Environment
- ❖ Pest Management
- ❖ Plants & Plant Products
- ❖ Technology & Engineering
- ❖ Disaster Education

www.eden.lsu.edu



www.EDEN.lsu.edu

What is EDEN?

A collaborative multi-state effort by Land-Grant institutions across the country to share education resources to reduce the impact of natural and man-made disasters through:



- ❖ Interdisciplinary and multi-state research and education programs addressing disaster mitigation, preparation, response and recovery;
- ❖ Linkages with federal state and local agencies and organizations;
- ❖ Credible and reliable information



EDEN is:

**243 Delegates from 67 different institutions
with expertise in 75 disciplines**

4-H Programs
Family Studies
Nutrition
Ag & Farm Safety
Farm Operations
Organic Agriculture
Agronomy
Financial Security
Plant Sciences
Agrosecurity
Fish & Wildlife
Precision Farming
Air Quality
Food Processing
Public Safety
Animal Mortality Mgmt.
Food Safety
Public Service Programs
Animal Sciences

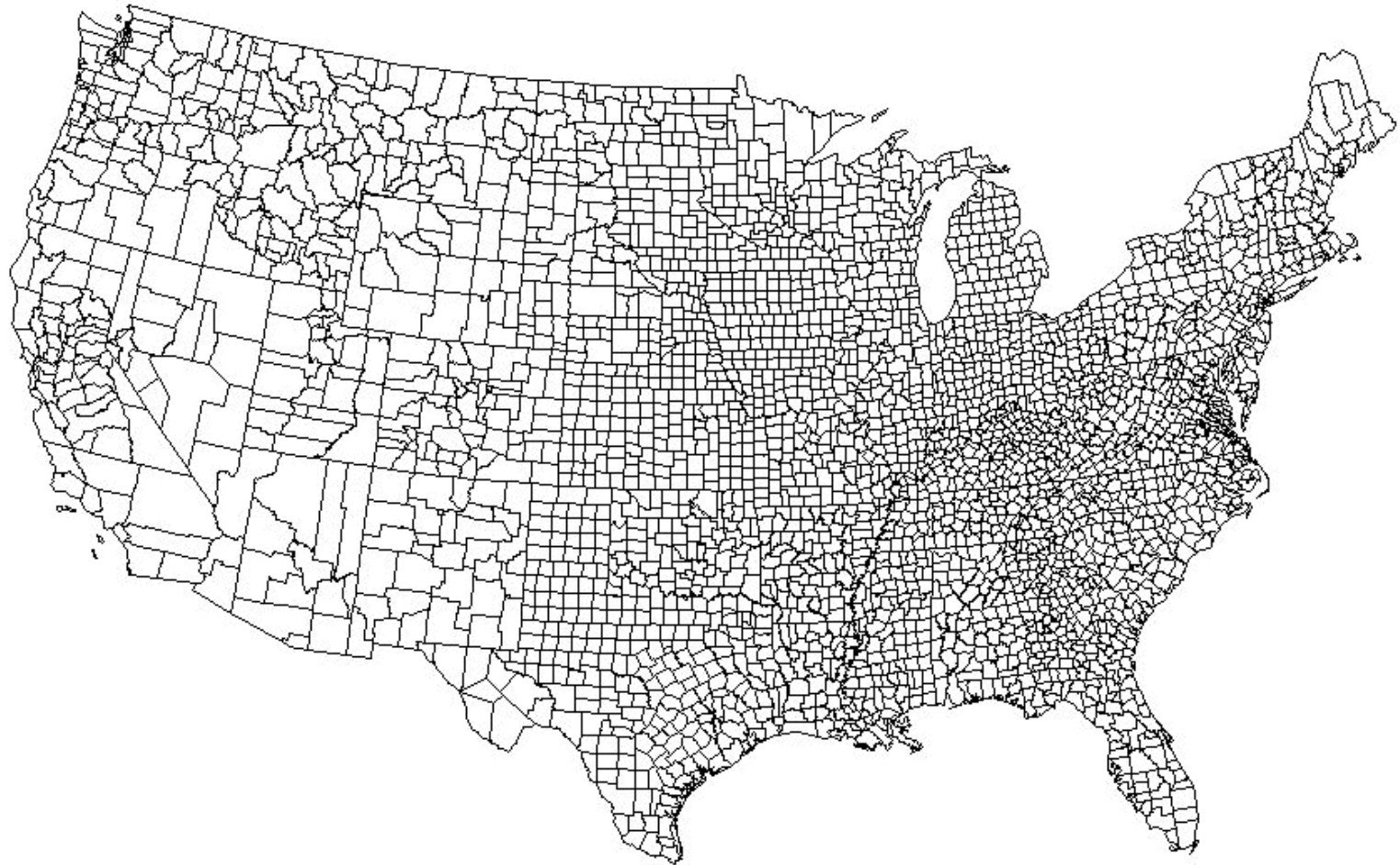
Forestry
Publications
Biosecurity
Formula-Funds Admin
Range/Grasslands
Children
Gerontology
Rural/Comm. Dev.
Coastal Processes
GIS Mapping
Seaways
Communication
Health & Safety
Service Learning
Comm./Public Policy
Homeland Security
Small/Home Business
Conservation
Housing

Small Farm Mgmt.
Critical Incident Stress Mgmt.
Human Development
Staff Development
Crop Science
Human Ecology
StormReady
Diversity Training
Mgt. Info. Tech
Sustainable Ag.
Economic Vitality
Land Use
Underserved Audiences
Economics
Law
Veterinary Sciences
Education
Leadership Dev.
Volunteer Dev.

Emergency Mgt.
Machinery
Volunteer Mgt.
Engineering
Manure/Nutrient Mgt
Water Quality/Safety
Entomology
Marketing
Web Site Technology
Environmental Quality
Mental Health (post disaster)
Workforce Dev./Safety
Extension Admin.
Meteorology
Youth Development
Family Finance
Nematology
Youth Engagement

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Extension Disaster Education Network (EDEN)



The EDEN Web Site



The screenshot shows the EDEN website with the following elements:

- Header:** EDEN logo, tagline "Reducing the Impact of Disasters Through Education", a search bar, and a "State Information" dropdown menu.
- Hero Image:** A background image of a flooded area with a "FLOODED" sign and a car.
- Current News:** A box containing several news items with links to more information:
 - EDEN Receives USDA/CSREES Partnership Award
 - The Extension Disaster Education Network (EDEN) has received...[\(more\)](#)
 - Hazards Center taking Aps for Quick Response Grants
 - The Natural Hazards Center is accepting proposals for the 2...[\(more\)](#)
 - PERI Releases Citizen Corps Volunteer Liability Guide
 - The Public Entity Risk Institute (PERI) has developed, with ...[\(more\)](#)
- Navigation Menu:** Home, Topics, Resources, EDEN Courses, News and Features, Conferences, About EDEN.
- Main Content Area:**
 - Features:** Partners - Videos featuring EDEN Hurricane Recovery; Annual Reports from the states; EDEN Intranet.
 - Topics in Focus:** Pandemic Flu; Floods and Flooding; Swine Influenza; Food Safety and Defense; Children and Disasters.
 - New in the Resource Catalog:** Home Rebuilding and Restoration; Healthy Farms Healthy Agriculture: Protecting the Health of Animal Agriculture. An Overview of Dairy Cattle Biosecurity; Healthy Farms -- Healthy Agriculture; Stay south of thunderstorm paths, says Purdue scientist; Pasture grass fights wheat fungus danger to plants, animals, people.
 - Search the Catalog:** A search bar for the resource catalog.
 - Course in Focus:** Animal Agrosecurity & Emergency Management; Course on Animal Agrosecurity and Emergency Management created by the University of Kentucky.
 - Footer:** Latest EDEN FAQ's and Articles on eXtension.org; Avian Influenza - The Virus.
- Right Sidebar:** A vertical column of icons representing different disaster types: Agricultural Disasters, Families & Communities, Hazards & Threats, Human Health, and Disaster Watch.

- ❖ Disaster topics
- ❖ Expert contacts
- ❖ Land Grants
- ❖ Disaster links



Extension Disaster Education Network (EDEN)

Established Partnerships

- ❖ DHS
- ❖ FEMA
- ❖ VOAD
- ❖ State Departments of Agriculture
- ❖ State Departments of Health
- ❖ State and Local Emergency Management
- ❖ CART, SART
- ❖ NPDN, NAHLN
- ❖ Many others

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EDEN > Topics > Agricultural Disasters > [Swine Influenza](#)

Agricultural Disasters

Swine Influenza

Point of Contact
Kim Cassel



Swine Influenza

Current Situation

U.S. Secretary of Agriculture Tom Vilsack announced the USDA's National Veterinary Services Laboratories (NVSL) confirmed the presence of 2009 pandemic H1N1 influenza virus in a pig sample collected at the Minnesota State Fair. The samples collected at the Minnesota State Fair were part of a University of Iowa and University of Minnesota cooperative agreement research project funded by the U.S. Centers for Disease Control and Prevention, which documents influenza viruses where humans and pigs interact, such as at fairs. The swine tested showed no signs of illness. Since the initial confirmation, five additional pigs have tested positive for 2009 H1N1.

Routine surveillance has also detected 2009 H1N1 in a commercial swine herd in Indiana. The swine and caretakers have all recovered from the virus. This finding is not a food safety issue nor a public health threat. This finding is however an important reminder of the need for biosecurity measures, especially with increasing numbers of human cases of 2009 H1N1. For USDA 2009 H1N1 testing results click – [USDA](#).

Comparison of Strains -- The additional testing revealed the virus found in the pig is genetically compatible with the 2009 pandemic H1N1. However, no connection has been established between the pig testing positive for 2009 H1N1 and the outbreak of 2009 H1N1 among 4-Hers housed at and participating in the Minnesota State Fair. And in fact on the positive tests came from a swab sample taken as the pig was unloaded at the Fair.

On This Page

- [Swine Influenza and 2009 H1N1](#)
- [Swine Influenza Symptoms and Treatment](#)
- [Surveillance](#)
- [Biosecurity](#)



Agricultural
Disasters



Families &
Communities



Hazards
& Threats



Human
Health



Disaster
Watch

On-line Curriculum



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-- Animal Agrosecurity and Emergency Management --



Threats to livestock production include natural disasters, disease outbreaks, agroterrorism, and other emergencies. Proper animal agrosecurity and emergency management reduces the effects of these incidents.

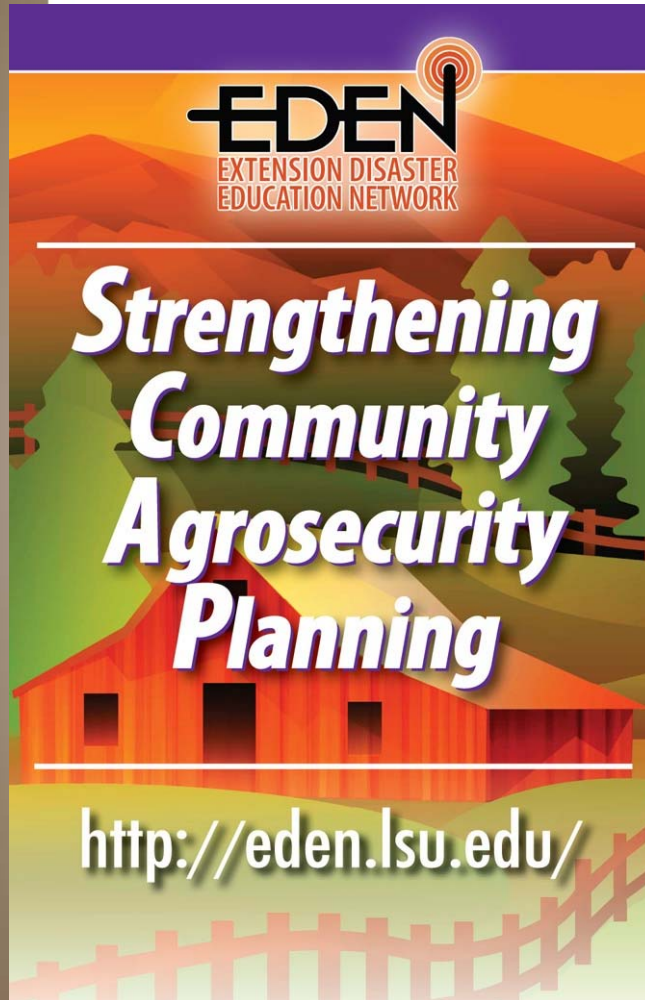
The EDEN Animal Agrosecurity and Emergency Management Course is a vital educational resource to help all people involved protect animals and ensure a safe food and fiber supply. Available online, the course is designed for Extension professionals, emergency managers, health officials, and others who recognize the need for improved animal agrosecurity and emergency management education in their communities.

The EDEN Animal Agrosecurity and Emergency Management course will prepare you with the knowledge and skills necessary to teach others in your community how to:

- apply emergency management principles to animal emergencies
- recognize threats, identify vulnerabilities, and establish an action plan for animal disasters
- partner with interagency representatives in an interdisciplinary effort to address animal emergency issues

Materials provided with this EDEN course are available for use at workshops and/or community awareness presentations. They include:

- ready-to-use presentations
- applied activity guidelines including scenario-based exercises
- printable documents suitable for handouts



Develop a toolbox to help counties write an Agriculture Emergency Annex to their local emergency management plan

Pilot States:

**CO, KY, MO, NE,
NM, PA, SC, TN, TX,
UT**



***If a DISASTER
hit your Farm or
Ranch today, would
you still be in business next month?***

- ☒ FLOOD
- ☒ DROUGHT
- ☒ POWER OUTAGE
- ☒ DISEASE OUTBREAK
- ☒ TERRORIST INCIDENT
- ☒ WINTER STORM
- ☒ FIRE
- ☒ OTHER



ReadyAG

Disaster and Defense Preparedness
for Production Agriculture

BEFORE disaster strikes, ReadyAG can help you:

- **IDENTIFY** vulnerable areas of production and management
- **PRIORITIZE** areas to strengthen
- Create an **ACTION PLAN** specific for your operation
- Develop an accurate **INVENTORY** of your assets
- Identify and engage **LOCAL CRITICAL SERVICES**
- Find additional **HELP**

CATTLE



CROPS



DAIRY



FRUIT & VEGETABLES



SWINE



POULTRY



Information specific for every major agriculture commodity. Visit <http://readyag.psu.edu>

Ready Ag—Disaster and Defense Preparedness for Production
Agriculture developed by Cooperative Extension faculty and
staff from Cornell University, University of Illinois at Urbana-
Champaign, University of Maryland, Oklahoma State University,
The Pennsylvania State University, Rutgers, the State University of
New Jersey and the University of Vermont



**Cooperative State Research,
Education, and Extension Service**

PROJECT FUNDED BY USDA/CSREES

CSREES advances knowledge for agriculture, the environment, human health and
well-being, and communities through national program leadership and federal assistance.



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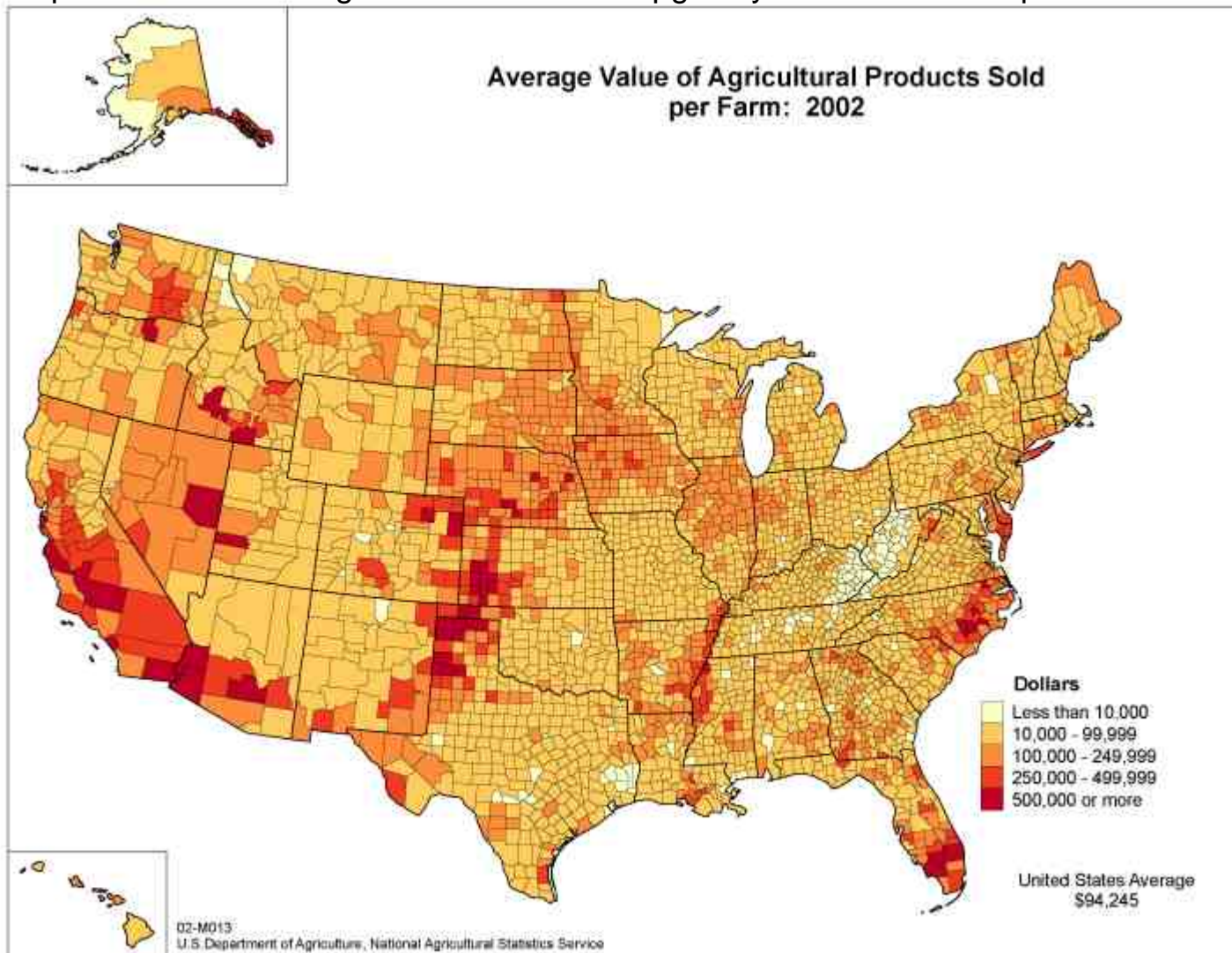
Dave Filson

**State Program Leader, Emergency Preparedness
and Rural Health and Safety**

Penn State Cooperative Extension

Extension Disaster Education Network – EDEN, *Chair*

<http://www.nass.usda.gov/research/2002mapgallery/economics/valueprodsold.html>



Production Agriculture is BIG Business

-- in many states
it is one of
the largest industries

Production Agriculture is BIG Business

United States: Leading commodities for cash receipts, 2007

Rank	Items	Value of receipts	Percent of total receipts	Cumulative percent 1/	Percent of U.S. value 2/	Value of U.S. receipts
		1,000 dollars		Percent		1,000 dollars
	All commodities	284,843,650	100.0	--	100.0	284,843,650
	Livestock and products	137,889,448	48.4	--	100.0	137,889,448
	Crops	146,954,202	51.6	--	100.0	146,954,202
1	Cattle and calves	49,721,888	17.5	17.5	100.0	49,721,888
2	Dairy products	35,425,015	12.4	29.9	100.0	35,425,015
3	Corn	33,922,784	11.9	41.8	100.0	33,922,784
4	Broilers	21,460,211	7.5	49.3	100.0	21,460,211
5	Soybeans	21,113,437	7.4	56.7	100.0	21,113,437
6	Greenhouse/nursery	17,178,517	6.0	62.8	100.0	17,178,517
7	Hogs					
8	Wheat					
9	Chicken eggs					
10	Hay					
11	Cotton					
12	Turkeys					
13	Grapes					
14	Potatoes					
15	Lettuce					
16	Tomatoes					
17	Apples					
18	Almonds					
19	Rice					
20	Strawberries					
21	Oranges					
22	Sugar beets					
23	Sorghum grain	1,423,415	0.5	88.1	100.0	1,423,415
24	Onions	1,317,678	0.5	88.6	100.0	1,317,678
25	Tobacco	1,276,630	0.4	89.0	100.0	1,276,630
	Government payments 4/	11,903,128	--	--	100.0	11,903,128
	Net farm income 5/	86,035,331	--	--	100.0	86,035,331

<http://www.ers.usda.gov/Data/FarmIncome/firkdmuXLS.htm>

m

**United States:
Leading commodities for cash receipts, 2007**

**Value of receipts
Net farm income \$86 Billion**

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for Production Agriculture

What can Affect Agriculture Income and Sustainability ?

Markets,
Expenses,
Income,
Land values,
Land use limitation

Disasters are one of the greatest threats to the sustainability of U.S. agricultural production



Disaster and emergency planning guides are available for individuals, families, communities, faith-based groups, commercial businesses, schools, and universities



The Question that Farmers and Ranchers Need to Ask is:

“If a flood, power outage, winter storm, disease outbreak, drought, terrorist incident, fire, or other DISASTER hit my farm or ranch today, would I still be in business next month ?”



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Ready AG

Disaster and Defense Preparedness for Production Agriculture

is developed to assist farmers and ranchers
become better prepared for ANY disaster



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for Production Agriculture

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Disaster and Defense Preparedness for Production Agriculture

The **ReadyAG** workbook is designed to help the farm or ranch owner plan for and manage disasters that can occur on the farm or ranch

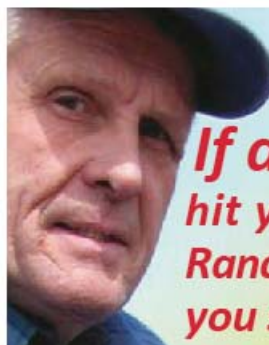


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Disaster and Defense Preparedness
for Production Agriculture

ReadyAG will help farmers and ranchers:

- ❖ **IDENTIFY** vulnerable areas of production and management
- ❖ **PRIORITIZE** areas to strengthen
- ❖ Create an **ACTION PLAN** specific to your operation
- ❖ Develop an accurate **INVENTORY** of your assets
- ❖ Identify and engage **LOCAL CRITICAL SERVICES**
- ❖ Find additional **HELP**



If a DISASTER
hit your Farm or
Ranch today, would
you still be in business next month?

- ☒ FLOOD
- ☒ DROUGHT
- ☒ POWER OUTAGE
- ☒ DISEASE OUTBREAK
- ☒ TERRORIST INCIDENT
- ☒ WINTER STORM
- ☒ FIRE
- ☒ OTHER



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Disaster and Defense Preparedness
for Production Agriculture

BEFORE disaster strikes, *ReadyAG* can help you:

- **IDENTIFY** vulnerable areas of production and management
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Information specific for every major agriculture commodity. Visit <http://readyag.psu.edu>

Ready Ag—Disaster and Defense Preparedness for Production Agriculture developed by Cooperative Extension faculty and staff from Cornell University; University of Illinois at Urbana-Champaign; University of Maryland; Oklahoma State University; The Pennsylvania State University; Rutgers, the State University of New Jersey; and the University of Vermont



Cooperative State Research,
Education, and Extension Service

PROJECT FUNDED BY USDA/CSREES
CSREES advances knowledge for agriculture, the environment, human health and well-being, and communities through national program leadership and federal assistance.

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**FRUITS &
VEGETABLES**

Disaster and Defense Preparedness
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SWINE

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Disaster and Defense Preparedness for Production Agriculture

This multi-state collaborative project has utilized the expertise of Cooperative Extension professionals from multiple Land-Grant universities in the development of a set of disaster planning and continuity of operations modules for each of the major agriculture commodities.

ReadyAG

Disaster and Defense Preparedness for Production Agriculture

Developed by Cooperative Extension faculty and staff from

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University of Illinois at Urbana-Champaign – Emerson Nafziger

Oklahoma State University – Derrell S. Peel and David Lalman

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Disaster and Defense Preparedness
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This workbook is designed to help the farm or ranch owner plan for and manage disasters that can occur on the farm or ranch such as power outages, drought, flood, severe snow or ice storms, but also catastrophic events, for example tornadoes, hurricanes, fires, disease outbreaks, and other events, including acts of terrorism or a nuclear accident. We encourage you to review this workbook with family members, employees, and with emergency personnel in your community.

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Disaster and Defense Preparedness
for Production Agriculture

Ready AG: Disaster and Defense Preparedness for Production Agriculture

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ReadyAG – Disaster and Defense Preparedness for Production Agriculture

FACILITIES AND MATERIALS.

- ❖ Real property
- ❖ Structures
- ❖ Equipment
- ❖ Supplies
- ❖ Animal/plant areas
- ❖ Feed
- ❖ Water



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PEOPLE.

- ❖ Anyone with access
- ❖ Family
- ❖ Workers
- ❖ Service people
- ❖ Sales/delivery personnel
- ❖ Customers
- ❖ Public
- ❖ Unwanted visitors



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PLANNING AND PRACTICE.

- ❖ Normal routine activities
- ❖ Daily/seasonal
- ❖ Regular production practices
- ❖ Normal biosecurity practices



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REVIEW AND UPDATE.

Items that should be reviewed regularly

- ❖ Insurance
- ❖ People/animal movement
- ❖ Security equipment
- ❖ Inventories
- ❖ Worker training
- ❖ First aid training
- ❖ Contact list
- ❖ Response plans



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The STATUS column

“yes”-- already addressed

“no” -- still an issue

The PRIORITY column

“High” -- very important to the operation

-- should be addressed soon

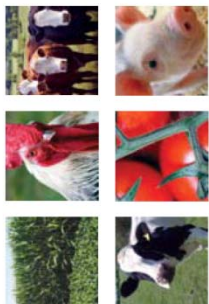
“Low” -- not as important

-- implementation can be delayed

**This information is used to create the
ACTION PLAN**

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NAME OF FARM OR RANCH _____ PREMISES ID # _____

FARM OR RANCH OWNER(S) _____

FARM OR RANCH OPERATOR (IF DIFFERENT THAN OWNER) _____

911 OR STREET ADDRESS (NO RD OR P.O. BOX) _____

CITY OR TOWN _____ STATE _____ ZIP _____

MAILING ADDRESS (IF DIFFERENT THAN 911 ADDRESS) _____

CITY OR TOWN _____ STATE _____ ZIP _____

FARM OR RANCH PHONE NO. _____ HOME PHONE NO. _____ CELL PHONE NO. _____

GENERAL – for ALL farm and ranch operations, regardless of commodity

FACILITIES and MATERIALS	STATUS	PRIORITY	COMMENTS
Is your 911 address posted in 3-inch reflective numerals on your mailbox or a post at the road?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a permanently installed, well-hidden mailbox or lockbox that serves as an emergency information box for emergency personnel?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do emergency personnel know where the emergency information box is located and know how to access it?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have appropriate areas locked and/or gated?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are the locks, fences, gates, and doors in good condition?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are facility keys secure and well controlled?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Structures			
Do you review and repair all facilities for structural deficiencies; such as, loose siding, loose roofing, broken glass, etc?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a farm map with the contents of each building listed? (see pages 45-46 for helpful ideas)	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Is all electrical wiring up to code?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are all electrical devices in barns/sheds UL approved?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are all electrical boxes and water sources secured from unauthorized access?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have lighting in the right places for security, safety, and production purposes?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are all barns/sheds free of flammable debris, i.e. cobwebs, trash, etc.?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are fire extinguishers of the right size and type to combat electrical, fuel, or structural fires?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	

<http://www.cdc.gov/nceh/docs/0001101-0001200/0001101/0001101.pdf>

GENERAL – for ALL farm and ranch operations, regardless of commodity

PEOPLE	STATUS	PRIORITY	COMMENTS
EMERGENCY CONTACT LIST Is there a list of emergency telephone numbers located in visible location near every telephone in a language understood by all personnel? <i>This list includes all emergency personnel, animal and environmental agencies, and help networks.</i>	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do employees and family members know where emergency telephone numbers are located?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do employees and family members know how to report an emergency on land-line phones or cell phones?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
In case of emergency, is contact information for all farm and ranch personnel posted in several places?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are you prepared for isolation in case of severe storms over an extended period of time? (Food, water, fuel, generator, etc., for humans and animals)	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do family members and employees know how and where to "shelter in place" (interior room/shelter creating a barrier from outside contamination)? http://www.redcross.org/preparedness/cdc_english/Sheltering.asp	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do family members and employees know primary and alternative evacuation routes and emergency shelter locations?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Family Members/Owners/Employees			
Are family members and employees trained to identify, report, and handle suspicious situations and threats, farm problems, and emergency situations?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are employees and family members trained to handle threats/emergency situations (such as: snow, power loss, flood, tornado, etc)?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do family members and employees know the location of first-aid kits?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are family members and employees trained and up-to-date in first aid / CPR?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do employees and family members know the location of simple tools and equipment (fire extinguishers, shovels, rakes, water pumps, buckets, hoses, ladders) and are they trained to fight fires?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a smoking policy that everyone follows?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Employee Management			
Do you hire employees with security in mind?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	

GENERAL – for ALL farm and ranch operations, regardless of commodity

PLANNING AND PRACTICES	STATUS	PRIORITY	COMMENTS
Do you conduct security checks on a random basis?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Plans			
Does your community have an emergency management plan in place that includes producers, and the agricultural industry? <i>Add link to EDEN SCAP at a future date for resources to community</i>	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	<i>Add link to EDEN SCAP at a future date for resources to community – Shirley will add</i>
Do you have a response plan in case of manure, fuel, fertilizer, pesticide, or other chemical spills?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you consult with experts for an assessment of potential hazards/risks and development of risk management plans? <i>Add information reference</i>	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	<i>-- Add information reference</i>
Have you approached your local fire department and law enforcement officials about visiting your farm for a safety and security check?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Have emergency officials been given lists of pesticides/hazardous materials stored on the farm or ranch and/or instructions in dealing with farm equipment and storages facility emergencies?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Have you identified vulnerable areas or areas of risk on the farm?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you and business partners/family have an estate plan in place for business partners and family members in case of unforeseen death?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a business transfer plan in place?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
If the primary decision maker for the farm or ranch is not available or is incapacitated, is there a plan for someone else to make important decisions?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Have appropriate biosecurity protocols been developed, communicated to, and reviewed with all personnel?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Records			
Is all sensitive information stored in a secured area and shredded upon disposal?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are computer data record back-ups completed on a weekly basis?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Is all computer back-up data stored off site?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are your computers properly maintained and secured from unauthorized use?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you keep computer virus protection software updated?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have an up-to-date inventory of amounts of feed, fuel, supplies, fertilizers, and pesticides?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	



GENERAL – for ALL farm and ranch operations, regardless of commodity

REVIEW & UPDATE	STATUS	PRIORITY	COMMENTS
Facilities and Materials			
Do you review and update annually:			
<ul style="list-style-type: none"> warning signs, such as, do not enter, hazardous materials, and NO trespassing? 	<input checked="" type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input checked="" type="checkbox"/> Low	
<ul style="list-style-type: none"> back-up plans for water, fuel, supplies, etc? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> emergency lighting, alarms, motion detectors, and cameras? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> all facilities, equipment, and security systems? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> all fire extinguishers checked and charged; or replaced? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Planning and Training			
Are all emergency telephone numbers updated as needed?	<input type="checkbox"/> Done <input checked="" type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you conduct a mock emergency exercise annually including a fire drill?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you review and update on an annual basis, including when and how to implement these plans:	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> risk management and biosecurity plans? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> your evacuation plan, stay-in-place plan, and shelter-in-place plan? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> all security and emergency plans? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Is there annual training on, or is there an annual review of:	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> security procedures? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> employee policies? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> safe work practices? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> how to handle threats and emergency situations? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
<ul style="list-style-type: none"> biosecurity protocols? 	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	

ADD PICTURES



Ready AG: Disaster and Defense Preparedness for Production Agriculture

Name of Farm or Ranch _____ Premises ID # _____
 Farm or Ranch Owner(s) _____
 Farm or Ranch Operator (if different than owner) _____
 911 or street address (no RD, or P. O. Box) _____ State _____
 Mailing address (if different than 911 address) _____ State _____
 Phone numbers: Farm or Ranch- _____ Home- _____ Cell- _____

DAIRY

Facilities and Materials	STATUS	PRIORITY	COMMENTS
General			
Are alleys grooved or roughed up to avoid slipping by cattle and humans?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Is bird access limited near bunkers silos, barns, and other places where feed and livestock are located?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are all fences and gates secured for cattle?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are fences in excellent shape around manure pits?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are "Do Not Enter" signs posted around the manure pit to warn of danger, and are they in languages understood by all employees or as pictograms?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are fire extinguisher locations clearly marked and accessible near the milk parlor, milk house, compressor room, and main barn?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are signs posted in livestock areas warning of dangerous animals, and are they in languages understood by all employees?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are milk houses and all milk supply areas locked daily?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are manure collection cross alleys grated, fenced off, and posted with warning signs?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Power			
Is lighting sufficient for illumination to avoid tripping on alley scrapers, or falling into gutters or pits?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	

Ready AG: Disaster and Defense Preparedness for Production Agriculture

DAIRY

People	STATUS	PRIORITY	COMMENTS
Family Members/Principals			
Do you and all employees watch for unusual symptoms in or deaths of animals in the herd and around the farm? <i>(this includes wildlife that may come in contact with the herd)</i>	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Employee Management:			
Are employees annually trained on cow health issues such as: water quality, clean feed sources, proper barn ventilation, dairy records, proper milking procedures, milk quality and sanitation procedures, calf and heifer raising procedures, vaccinations, and other cattle care items?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you train family and all employees annually on the euthanasia plan?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are cattle observed for gradual or rapid changes in appearances?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you train employees annually in how to recognize and treat heat stress symptoms in people and cattle/livestock?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Have you trained employees on diseases that cattle can transmit to people?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are employees trained annually on crop management, equipment maintenance, and other responsibilities they are assigned?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Visitor Policies:			
Do you provide proper biosecurity screening to all foreign visitors?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you authorize and supervise all farm and ranch visitors?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	

Ready AG: Disaster and Defense Preparedness for Production Agriculture

DAIRY

Planning & Practices	STATUS	PRIORITY	COMMENTS
Plans			
Do you direct all visitors and service providers to designated meeting places, and do you provide disposable booties, paper coveralls, foot baths, and wash basins for them to use?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you quarantine new animals introduced into the herd for the time period recommended by your veterinarian?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are you able to, and do you, isolate sick animals?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are post-mortem exams performed as needed in a safe, clean area?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Is there a plan to feed animals for two or more days should the immediate source of feed become contaminated?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a plan to dispose of milk without polluting should it be contaminated or not able to be shipped?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a plan to dispose of crops should they be contaminated?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a plan in place to monitor changes in crop appearances?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have primary and back-up animal composting sites on and off farm or ranch?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Have composting sites been reviewed with NRCS or other advisors?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have an emergency euthanasia plan in place for cattle?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
If you must evacuate your farm or ranch without the animals, do you have a plan that provides enough hay, silage, and water is available for the animals for 48 hours?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a community bio-security plan that includes other producers, veterinarians, emergency management, and allied industry?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a crisis management plan to deal with a manure spill or other disaster?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Records			
Do you have animal identification?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are vaccination records maintained? (dates, sources)	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you maintain a closed herd or obtain replacement animals from herds with known health history and with appropriate testing?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	

Ready AG: Disaster and Defense Preparedness for Production Agriculture

DAIRY

Review and Update	STATUS	PRIORITY	COMMENTS
Planning and Training			
Do you have a back-up labor replacement plan should all of your labor become unavailable today and has that plan been shared with those that could be affected?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Have all employees and family been briefed on the plan to dispose of the herd should a catastrophe make them unfit for food or make it impossible to market them?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a written herd health/vaccination plan developed and reviewed annually with the vet?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Facilities and Materials			
Do you have a written agreement with other dairies (locally and out-of-area) for acreage or buildings that might be available for alternative housing and feeding in case of emergency?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Have back-up plans for water, feed, and electricity been updated annually?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Insurance			
For insurance items, please review Page 22, GENERAL section			
	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	

ReadyAG

Disaster and Defense Preparedness
for Production Agriculture

FRUITS &
VEGETABLES



Ready AG: Disaster and Defense Preparedness for Production Agriculture

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FRUIT AND VEGETABLES

Facilities and Materials	STATUS	PRIORITY	COMMENTS
Is your operation in compliance with Good Agricultural Practices (GAPs) or passed a 3rd party audit? http://www.GAPs.cornell.edu/	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Plant Materials			
Do you purchase plants, seed and, propagation stock that are certified as free from known insects and diseases?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Fields/Production Areas			
Are vulnerable areas (vegetable fields, strawberry beds, young trees, irrigation, and drainage ponds) fenced to prevent access from animals or humans?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you take steps to ensure that soil from another farm is not transported onto the farm or ranch through muddy boots, vehicle tires, or cultivation equipment?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are "No Trespassing" signs posted along crop borders to discourage off-road vehicle traffic?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are "No Entry" signs posted in areas where pesticides have been applied, and are they in compliance with worker protection and community notification rules?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are there alarms at the farm or field entry points to automatically alert you when someone enters?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Buildings			
Are facilities (including pesticide storage areas) locked at all times?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Is there restricted entry to all storage, processing, and packing facilities?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are signs clearly placed so that deliveries are made to the proper location?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Water Sources and Irrigation			
Is the potable water supply protected from unauthorized use?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	



Ready AG: Disaster and Defense Preparedness for Production Agriculture

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POULTRY

Facilities and Materials	STATUS	PRIORITY	COMMENTS
Poultry Houses:			
Is the ventilation system checked regularly?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
• Is there a back-up system and is fuel available?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Is the heating system checked regularly?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
• Is there a back-up system and fuel available?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Is the lighting system checked regularly?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you have a reliable bedding source?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
• Are alternative sources available?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Specialized equipment:			
Are your cages in good condition?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are your enclosures in good condition?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are composters/pits/sheds in good condition?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
• Are alternative composters/pits/sheds available if needed?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are automatic waterers checked/cleaned regularly?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
• Is a back-up water supply available?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are automatic feeders checked/cleaned regularly?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Is egg handling equipment checked/cleaned regularly?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Waste Management			
Do you have a manure/litter waste management system?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
• Do you have an alternative manure/litter waste management system in case something fails?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	



Ready AG: Disaster and Defense Preparedness for Production Agriculture

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SWINE

Facilities and Materials	STATUS	PRIORITY	COMMENTS
Do you have a buzzer at the farm or ranch building entrance to automatically alert you when someone passes through?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you ask maintenance and service personnel where they have been before granting them access to your facilities?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Structures:			
Have you developed maps and diagrams of your facilities?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are maps in a secure area, away from the facility, and known only to you, your employees and emergency personnel?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are the buildings clearly identified on the map by name, number, or GPS coordinates?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are facilities and manure storage locked at all times?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are feed storage facilities located so that delivery trucks do not cross through lots or animal traffic flow patterns?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Are load-out areas designed to minimize the possibility of hogs re-entering the barn after moving into the load out area or onto the truck?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Vehicles and Equipment:			
Do you control the equipment and tools that are brought into your facility and require their cleaning and disinfection?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Do you use a tire and vehicle disinfection station at the entrance to your property?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
Can you quickly locate specialized equipment such as tractors with blades, backhoes, and equipment for transporting animals on short notice?	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	
	<input type="checkbox"/> Done <input type="checkbox"/> Not Done	<input type="checkbox"/> High <input type="checkbox"/> Low	

DRAFT Ready AG

Emergency Telephone Numbers -- Números de teléfono de emergencia

Emergency - <u>Emergencia</u>	Veterinarian - <u>Veterinario</u>
Fire - <u>Fuego</u>	Dairy Division/Milk Quality - <u>División de la lechería /calidad de la leche</u>
Rescue - <u>Rescate</u>	State Vet - <u>Veterinario del estado</u>
Police, Local/State - <u>Policía, Local/estado</u>	Utilities - <u>Utilidades</u> - Electric - <u>eléctricas</u>
Doctor - <u>Doctor</u>	- Gas - <u>Gas</u>
Poison Control Center - <u>Centro de control del veneno</u>	- Telephone - <u>Teléfono</u>
Feed Supplier - <u>Proveedor de la alimentación</u>	Fuel dealer - <u>Distribuidor del combustible</u>
Milk Hauler - <u>Transportador de la leche</u>	Electrician - <u>Electricista</u>
Trucker / Hauler - <u>Camionero/transportador</u>	Plumber/Refrigeration - <u>Fontanero/refrigeración</u>
Rendering/Compost - <u>Representación /estiercol vegetal</u>	Cooperative Extension - <u>Extensión cooperativa</u>
Machinery Dealer - <u>Distribuidor de la maquinaria</u>	Department of Agriculture - <u>Ministerio de Agricultura</u>
Machinery Dealer - <u>Distribuidor de la maquinaria</u>	Department of Health - <u>Departamento de la salud</u>
Insurance Agent - <u>Agente de seguro</u>	Mental Health - <u>Salud mental</u>
Insurance Agent - <u>Agente de seguro</u>	Homeland Security - <u>Seguridad de la patria</u>
Loan officers/Bank - <u>Oficiales de préstamo/banco</u>	FSA Office - <u>Oficina del FSA</u>
Loan officers/Bank - <u>Oficiales de préstamo/banco</u>	NRCS - <u>NRCS</u>
Hispanic Interpreter - <u>Intérprete hispanico</u>	Environmental Agency -- <u>Agencia ambiental</u>
Vocational Rehabilitation - <u>Rehabilitación vocacional</u>	Wildlife Biologist (starling or other bird control) - <u>Biólogo de la fauna (control starling u otro del pájaro)</u>
Religious contact - <u>Contacto religioso</u>	Agronomist/Pesticide - <u>Agrónomo/pesticida</u>
Friends/Relatives/Neighbors - <u>Amigos /parientes /vecinos</u>	Nutritionist - <u>Nutricionista</u>
Friends/Relatives/Neighbors - <u>Amigos /parientes /vecinos</u>	Milk Cooperative - <u>Cooperativa de la leche</u>
	Towing Service - <u>Servicio del remolque</u>

FARM OR RANCH MAPS

Having an accurate map of your farm or ranch can be valuable for several reasons. In the event of an emergency, a map of the facility can help emergency service personnel identify hazardous areas such as fuel areas, chemical and pesticide storage areas, electrical panels. A map can also help you and service personnel identify the location of different inventories of supplies, feed, water, utilities, receiving and load-out areas.

Farm or Ranch maps can be obtained from a variety of sources. The local Farm Service Agency, Conservation District, Natural Resources Conservation Service, or Bureau of Land Management may be able to provide an aerial photo or satellite image of your facility at little or no cost. Various web-based internet sites can provide similar imagery that can be downloaded and marked with more details.

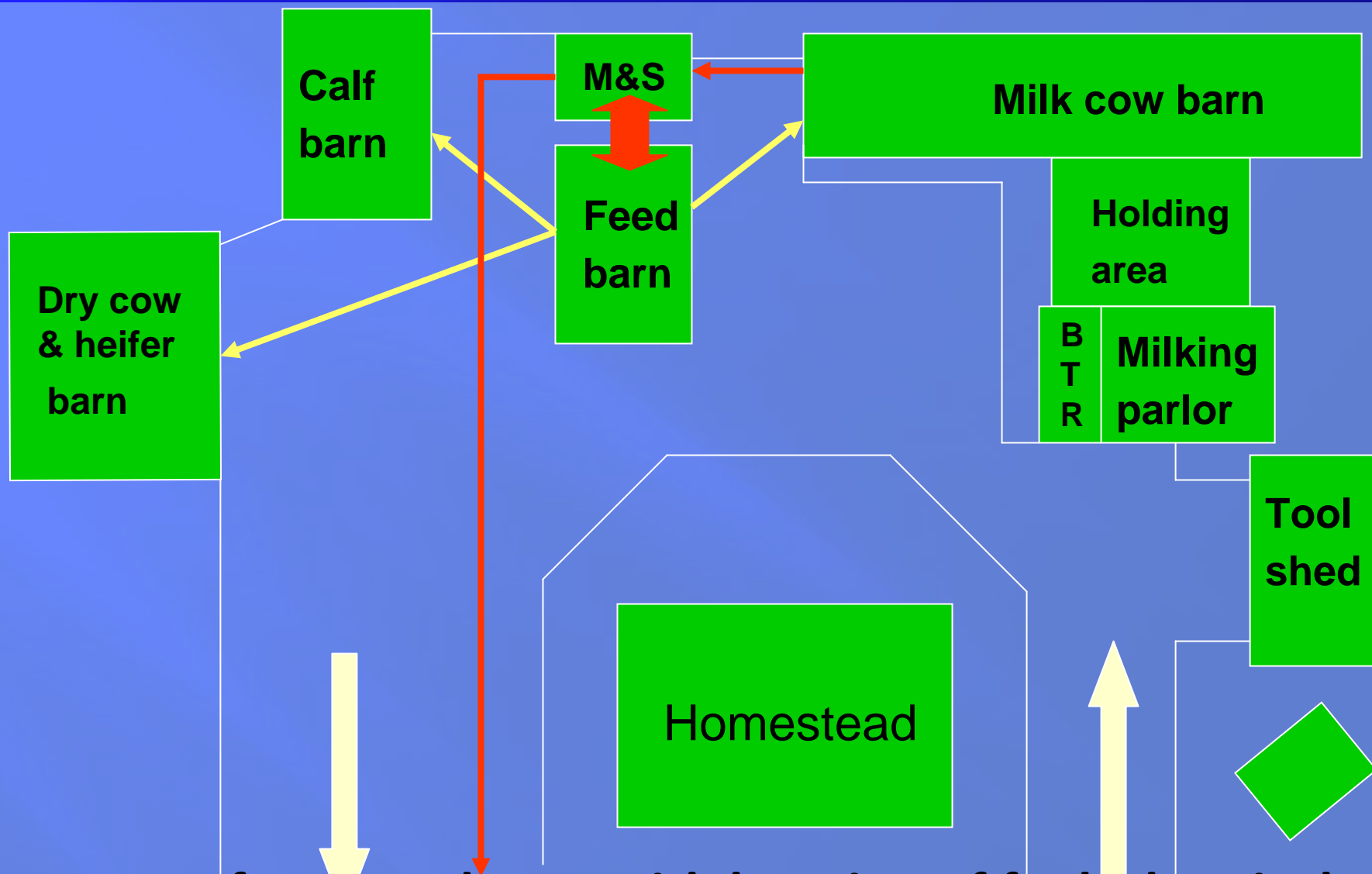
If none of these sources are available, then a simple hand-drawn map can be used. Be sure to mark utilities, hazardous or dangerous materials area, and water sources.

Map Components:

1. Home farm or ranch overview
2. Detail of home farm or ranch
3. Outlying property
4. Disposal designated areas

Guidance for each building:

Each building needs to be numbered and on map
Each building should have number and class of animals in building
Each building should be identified on the map what it is used for
Map should indicate where the electrical panel is in each building
Map should indicate where critical items are located in each building
Utility service panel
Water
Compressed gas – welders
Fuels
Pesticides
Other hazardous materials
Map should indicate if building is a multi-storage structure or not.



Create farmstead map with location of fuel, chemical, pesticides, fertilizers, animal medicines, etc.

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INVENTORY LISTS



Grain, Hay, Feed	Amount (unit)	Value per Unit	Location (identify location on map)
Barley			
Corn			
Oats			
Soybeans			
Wheat			
Soy Meal			
Cotton Seed			
Feed Commodities			
Other:			
Dry Hay			
Straw			
Silage – Corn			
– High Moisture Corn			
– Haylage			
Manufactured Feed			
Other:			



Hazardous Materials	Amount (unit)	Value per Unit	Location
Gasoline			
Diesel			
Propane			
Grease/Oil			
Pesticides			
Fertilizers			
Chemicals			
Other:			

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Disaster and Defense Preparedness for Production Agriculture

Through various national networks such as EDEN, Cooperative Extension, Farm Bureau, FSA, NRCS, eXtension, and commodity associations, the material will be promoted and incorporated into educational programs for producers. *Ready AG* will provide an educational tool for production agriculture to plan and prepare for disastrous events that have a significant impact on the sustainability of production agriculture for producers and the industry.

THANK YOU !

QUESTIONS ?

PENNSTATE



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