

FARM EMERGENCY RESPONSE GUIDELINES

Owner/Operator Name _____ Phone Number _____

Cell Number(s) _____

Township/Boro/Municipality _____

Farm Address (Rural Route and P.O. Box #s not adequate) _____

Directions to Farm _____

Veterinarian Name _____ Phone Number(s) _____

Additional Farm Emergency Contact Names (e.g., spouse, employee, farm representative, etc.)

1. _____ Phone Number(s) _____

2. _____ Phone Number(s) _____

3. _____ Phone Number(s) _____

If you would like additional copies of these guidelines please log onto www.scpactf.org and download from this web site.

If human health and safety is in jeopardy – CALL 911 IMMEDIATELY!

EMERGENCY

Poison Control 800-222-1222

Police, Fire, EMS, Haz Mat, CART 911

Medical Doctor _____

Phone No. _____

Other No. _____

Pediatrician _____

Phone No. _____

Other No. _____

Animal Health Emergency 717-772-2852

PA Dept. of Health Call Center 1-877-724-3258

Food Tampering 1-866-366-3723

To Report Suspicious Activity

State Police Tipline 1-888-292-1919

OTHER NUMBERS

County Agriculture Extension Office _____

Phone No. _____ Cell No. _____

County Conservation District Office _____

Phone No. _____ Cell No. _____

Feed Supplier _____

Phone No. _____ Cell No. _____

Farm Equipment Dealer _____

Phone No. _____ Cell No. _____

Excavator/Heavy Equipment Operator _____

Phone No. _____ Cell No. _____

Insurance Agent _____

Phone No. _____ Cell No. _____

Electric Co. _____ Phone No. _____

FARM EMERGENCY RESPONSE GUIDELINES

- ___ Is your farm visible from the main road, inviting unwanted visitors?
- ___ Are all entrances, perimeters, and buildings secured (locked) and/or gated; well lighted and/or monitored; and fences and gates intact?
- ___ Is there access control for people and vehicles to buildings, fields, and livestock areas?
- ___ Are Bio-Security, No Trespassing and other appropriate signs in place and clearly visible from all access points to farm?
- ___ Are all chemicals, pesticides, fertilizers, waste, fuels, gasses; crop, feed and seed storage locations inventoried and locked?
- ___ Are all firearms and ammunition in separate locations and inventoried and locked?
- ___ Are feed, seed, fertilizers, and farm chemicals stored in distinct, separate, and secured locations to prevent accidental mixing or cross-contamination?
- ___ Do all deliveries and pick-ups at farm require appointments?
- ___ Do you maintain a record of deliveries, load security, and personnel; and have a plan for refusing shipments that do not conform?
- ___ Do all outside visitors sign-in when they arrive and sign-out when they leave, and follow farm Bio-Security measures?
- ___ Do you provide Bio-Security materials (boots, coveralls, bootwash, etc.) for all visitors?
- ___ Do you maintain trace back/forward records for livestock and feed?
- ___ Are livestock locations and numbers recorded?
- ___ Do you have an up-to-date All Hazards Emergency Plan?

This document is a quick reference guide to be used for awareness and preparation purposes. Content does not encompass every circumstance or possibility for disaster or emergency. This tool should not be substituted for expert opinion. Additional input and guidance can be obtained from other documents such as "ReadyAG: Disaster and Defense Preparedness for Production Agriculture". <http://readyag.psu.edu/>

This farm emergency response guideline is designed to provide farm owners and producers a tool for conducting a self-evaluation of possible vulnerabilities on your farm operations and fields in the event of an emergency, disaster or criminal activity.

The intention is the creation of an "all-hazards" emergency response plan to prevent significant loss of life and property.

Provided By:



South Central Task Force
Agriculture Subcommittee

AN EMERGENCY PLAN SHOULD:

- ___ List all emergency contacts. Post in multiple and accessible locations, including the house and barn.
- ___ Include aerial photos, diagrams, or maps of your property and floor plans of facilities.
 - ___ Include emergency meeting locations.
 - ___ List and/or map locations of utilities, main shut off valves/switches (water, gas, electric), wells, pumps.
 - ___ List secondary power sources (solar, battery and generators) or electrical hazards (fences, equipment).
 - ___ List security measures and security system components.
 - ___ List and map location of water bodies, approximate quantities, and purpose (drinkable or non-drinkable).
 - ___ List and/or map locations of piped and running water sources (faucets, hand pumps, hose hook-up, dry hydrant, etc.).
 - ___ Map bridges with approximate load capacity, width, and accessible travel patterns.
 - ___ List and map location of all chemicals, pesticides, and fuels. Include current inventory and approximate amounts, updated regularly. Include chemical safety sheets (MSDS). Have duplicate set of records saved somewhere other than in storage areas.
 - ___ List and/or map location of ag chemical neutralizers, disinfectants, and sprayers which could be used for cleaning and disinfecting during emergency.
- ___ Consider animal location, care and transportation if necessary.
 - ___ Include an Animal Census with total number and location of ALL animals, including pets, on farm.
 - ___ Plans for relocation off-site if necessary. Consider transportation, food, housing and equipment needs. Include contact information for all suppliers.
 - ___ Identify location for catastrophic mortality disposal or composting. Do you have an euthanization plan?
- ___ Account for live animals left behind in an evacuation.
 - ___ List or map location, type, and number of animals remaining.
 - ___ Provide instructions for care, shelter, and adequate water and food supply. Include provisions for individuals to unlock/lock gates and doors.

Once emergency plan is complete, share with your local responders.

For more specific plan development details, refer to "ReadyAG: Disaster and Defense Preparedness for Production Agriculture" <http://readyag.psu.edu/> or FFA S.A.F.E.

OTHER CONSIDERATIONS:

- ✓ Does the Plan include identify how communications will function, and feed, water and power will be supplied in an emergency?
- ✓ Are important documents (Accounts Receivable/Payable) and records (family, livestock, pet, medical and insurance) secured?
For complete list of important documents visit <http://listorganizer.com/emergency72kit.htm>
- ✓ Do you have an emergency kit with first aid equipment, medicines and prescription drugs including syringes and other medical supplies, food and water supplies, lights and batteries?
- ✓ Do you have functioning fire extinguishers and smoke detectors in all buildings? Does everyone know how to use a fire extinguisher?
- ✓ Does your farm provide employee training on use, handling, storage, and security of critical items and areas?
- ✓ Do you practice your emergency plan?
- ✓ How do you provide impermeable clothing, boots, gloves; eye protection; and respiratory protection? Are employees trained in their use?

For additional information on emergency farm plans, see: <http://www.ffafarmsafe.org/> or <http://readyag.psu.edu/>

Do you have these POTENTIAL HAZARDS ON YOUR FARM?

Other Farm Chemicals:

- Liquid nitrogen
- Dry Ice
- Automotive fluids
- Acids

Toxic Inhalation Hazards:

- Ammonia
- Chlorine
- Industrial gases

Fuels:

- Gasoline
- Diesel
- Alcohol
- Kerosene
- Ethanol
- Other

Pesticides:

- Herbicides
- Insecticides
- Fumigants
- Rodenticides
- Algacides
- Bacteriacides
- Fungicides
- Nematacides
- Explosives:
- Blasting caps
- Blasting agents (ANFO)
- Explosive dusts
- Compressed gases
- Liquefied gases

Home Chemicals

(Products that when mixed together cause safety problems):

- Bleach and ammonia
- Acid toilet bowl cleaners or vinegar
- Disinfectants with 'quatarnary ammonia' and a detergent
- Highly acidic products with highly alkaline products

Firearms

Ammunition

POSSIBLE SIGNS AND SYMPTOMS OF CHEMICAL EXPOSURE:

- Convulsions
- Uncontrolled Urination
- Seizures
- Loss of Consciousness
- Loss of Muscle Control
- Vomiting
- Burning Nose
- Metallic/Strange Taste in Mouth
- Runny Noses
- Difficulty Breathing
- Uncontrolled Defecation
- Sweating
- Nausea
- Pinpoint Pupils
- Tearing of Eyes

SCENE INDICATORS OF CHEMICAL POISONING:

- Abandoned Spray Devices or Bottles
- Areas That Look Different in Appearance
- Animals (higher than usual mortalities)
- Unusual Metal or Glass Debris
- Unexplained Odors
- Unusual Liquid Droplets
- Human Casualties
- Low Lying Vapor Clouds
- Lack of Insect Life

Additional information at: <http://chemistry.about.com/od/healthsafety/a/dangeousmix.htm> or www.unce.unr.edu/publications/files/ho/2006/fs0645.pdf

ZOO NOTIC DISEASES/INFECTIONS • SYMPTOMS • SUSCEPTIBLE SPECIES

DISEASE/INFECTION	SYMPTOMS	SUSCEPTIBLE SPECIES
Anthrax	Flu-like symptoms	Humans, farm animals and pets, deer
Brucellosis	Flu-like symptoms	Humans, farm animals, deer, elk, dogs, horses
Glanders	Flu-like symptoms	Humans, horses and cats
Melioidosis	Flu-like symptoms	Humans, farm animals, pets, birds, rabbits
Nipah	Flu-like symptoms	Humans and pigs
Plague	Flu-like, lymph nodes	Humans and pets, rodents and rabbits
Q Fever	Flu-like symptoms	Humans, farm animals and pets
Rabies	Erratic and/or aggressive behavior, poor muscle control	All mammals
Rift Valley Fever	Flu-like symptoms	Humans, cattle, goats, sheep
Tularemia	Flu-like symptoms	Humans, farm animals, rodents, pets, horses, rabbits
Tuberculosis (long incubation)	Chronic Coughing, Bloody Sputum	Humans, cattle, horses, dogs, cats, deer, pigs
Viral Encephalitis	Flu-like symptoms	Humans, horses
West Nile Fever	Flu-like symptoms	Humans, birds, horses

For additional information, see: www.cfsph.iastate.edu or <http://www.cfsph.iastate.edu/Products/wallcharts.htm>
 For detailed information, Merck Veterinary Manual and AAAP Avian Disease Manual

If you believe you have any of these clinical signs, symptoms, or have been exposed to these chemicals, SEEK IMMEDIATE MEDICAL ATTENTION.

All of the diseases or infections listed are considered zoonotic, meaning they can be spread between animals and humans.

FOREIGN ANIMAL DISEASES • SUSCEPTIBLE SPECIES

DISEASE	SUSCEPTIBLE SPECIES
African Horse sickness virus	Camels, donkeys, horses, mules
African swine fever virus	Pigs
Akabane virus	Cattle, goats, sheep
Avian influenza virus (H5N1)	Humans, chickens, turkeys, waterfowl
Bluetongue virus	Cattle, deer, goats, sheep
Bovine spongiform encephalopathy	Humans and cattle
Classical swine fever (Hog cholera)	Pigs
Contagious bovine pleuropneumonia	Cattle
Contagious caprine pleuropneumonia	Goats
Foot-and-mouth disease	Cattle, goats, pigs, sheep, deer

DISEASE	SUSCEPTIBLE SPECIES
Goat pox/Sheep pox virus	Goats, sheep
Heartwater	Cattle, goats, sheep
Japanese encephalitis virus	Humans, horses, pigs
Lumpy skin disease virus	Cattle
Malignant catarrhal fever virus	Cattle
Menangle virus	Humans, pigs, bats
Exotic Newcastle disease virus	Humans, poultry
Peste des petits ruminants virus	Goats, sheep
Rinderpest virus	Cattle, goats, pigs, sheep
Screwworm myiasis	Humans, mammals
Swine vesicular disease virus	Humans, pigs
Vesicular stomatitis virus	Cattle, sheep, goats, pigs , horses and deer

For detailed information, USAHA "Gray Book" <http://www.usaha.org/pubs/fad.pdf>

For additional animal disease information and photos visit <http://www.cfsph.iastate.edu/DiseaseInfo/imagedatabase.htm>

Information on exotic plant pests (pathogens, weeds, arthropods, and mollusks) can be obtained at: www.ceris.purdue.edu