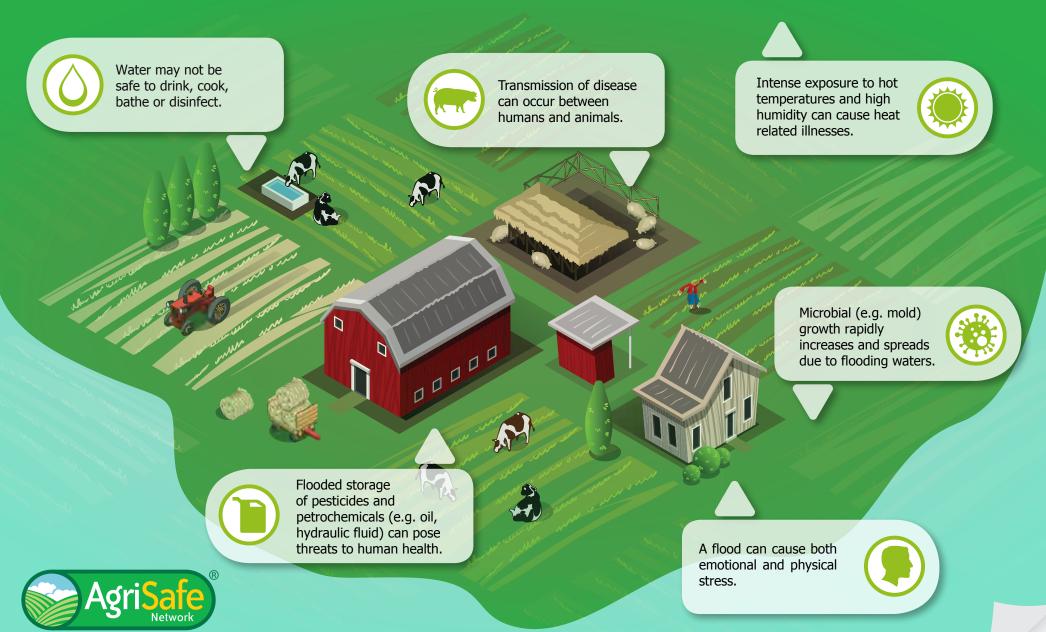
# FARM FLOOD HEALTH THREATS



Protecting the People who Feed the World



### HUMAN & ANIMAL

Floods can potentially increase the transmission of communicable diseases: Water-Borne (Hepatitis A); Vector-Borne (West Nile Virus); Bacterial (Tetanus) spores and Fungal (Histoplasmosis) spores found in dust, dirt, animal droppings and animal carcass.



Remove standing

Use only NIOSH

approved N95 (or

greater)respirators

fitted to your face

Use watertight, steel

· Follow state guidance

on carcass removal

water

#### & WELL WATER

Water may not be safe to drink, cook or clean with after a flood. Water can become contaminated with microorganisms such as bacteria, sewage, heating oil, agricultural or industrial waste, chemicals and other substances that can cause serious illness.

· Sample and test the

· Conduct well and

pump inspection

Perform emergency

that have been

flooded

Follow health

and bathing

advisories

disinfection of wells

department drinking

well water

# CHEMICALS | M

If a chemical, pesticide or hazardous waste spill occurs, chemicals might be released from barns, homes, and other sources into the environment. Chemical spills could release vapors or chemical fumes. Local and state authorities will provide further guidance.

# MOLD

Mold is part of the natural environment. Higher concentrations of mold and bacteria can be found after a flood. This causes the production of Microbial Volatile Organic Compounds (mVOCs), which emit chemical like odors and can become noxious respiratory irritants.

- Wear safety goggles
- Use only NIOSH approved N95 (or greater)respirators fitted to your face
- Use water-proof, cut resistant gloves
- Properly ventilate area

## **STRESS**

After a natural disaster, you're dealing with the extra stress of current conditions, along with the daily stress of farm operations. Natural disasters create a tremendous amount of additional stress and anxiety. You may develop major depression, generalized anxiety, and posttraumatic stress disorder.



Be pro-active,

recognize potential

anxiety, or depression

resources, where you

signs of stress,

Know your local

can go for help

Adequate sleep (7-8)

hours) is critical to

the recovery process

### HEAT ILLNESSES

Disaster recovery is physically strenuous, especially in hot temperatures. High humidity can boost the temperature by 15-20 degrees or more. Intense heat exposure can cause heat related illnesses. Signs include excessive thirst, weakness, headache, loss of consciousness. nausea and vomiting, muscle cramps, and dizziness.



- Take frequent rest/ water breaks
- Wear light colored clothing
- Use the buddy system to identify heat related symptoms
- Use water resistant SPF
   30 or higher sunscreen
- Understand signs and symptoms

 FACT SHEETS
 Zoonotic Disease
 EPA Well Disinfection
 Respiratory Selection Guide
 Mental Health
 Heat Illness

 \*This list of risk factors is not exhaustive. For example, other risks may include electric shock, drowning, falls and structural hazards.
 Mental Health
 Heat Illness

Wear appropriate

clothing including

chemical resistant

boots or waders,

gloves and safety

such as chemical

cartridge respirator

for organic vapors

with added pre-filter

approved respirators,

Use only NIOSH

glasses

cover-alls, liquid and

FOR MORE INFORMATION VISIT AGRISAFE.ORG/FLOODCLEANUP

AgriSafe

#### toe boots or waders, waterproof, cut resistant gloves

PREVENTION

TIPS