



Stay Emergency Aware:
Developing an Emergency
Response Plan for Your Farm

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Agricultural
Safety & Health



**INDIANA
PREPARED**
PURDUE EXTENSION

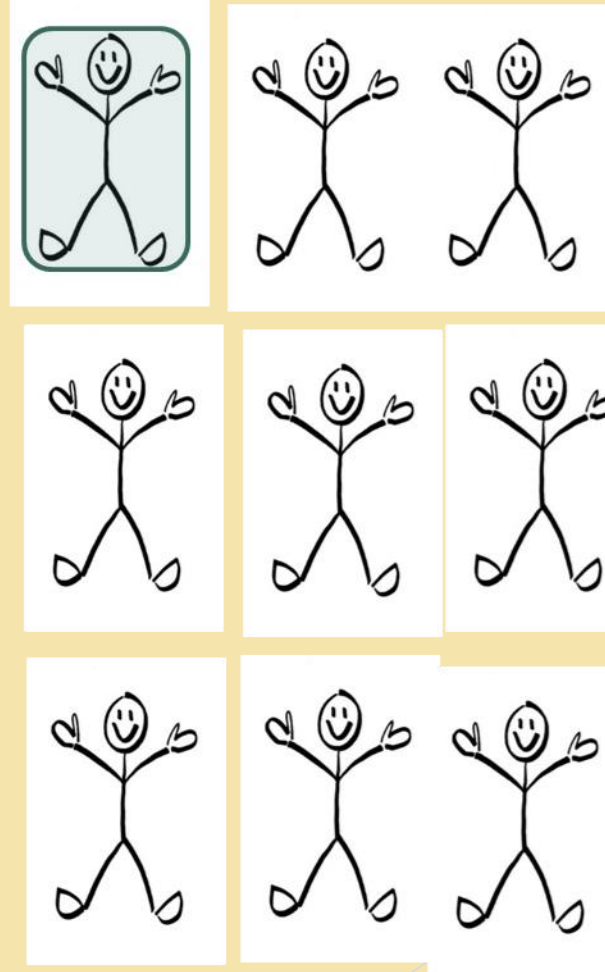


Why should we create an emergency plan for our farm?

(Or, encourage our clients to do so)

Farm-related injuries

1 in 9 families



Natural disasters



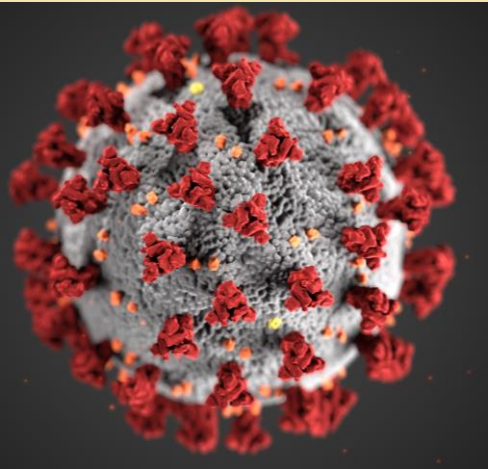
Machinery and vehicle incidents, fires, and more



Livestock issues



Family illness or death, financial challenges



Zombies!....?



*If you're ready for
the zombie
apocalypse, you're
ready for anything!*

Zombies or not, bad things really do happen to good people.

Plan accordingly!

Planning for the “bad days” can mitigate the impact of accidents or disasters



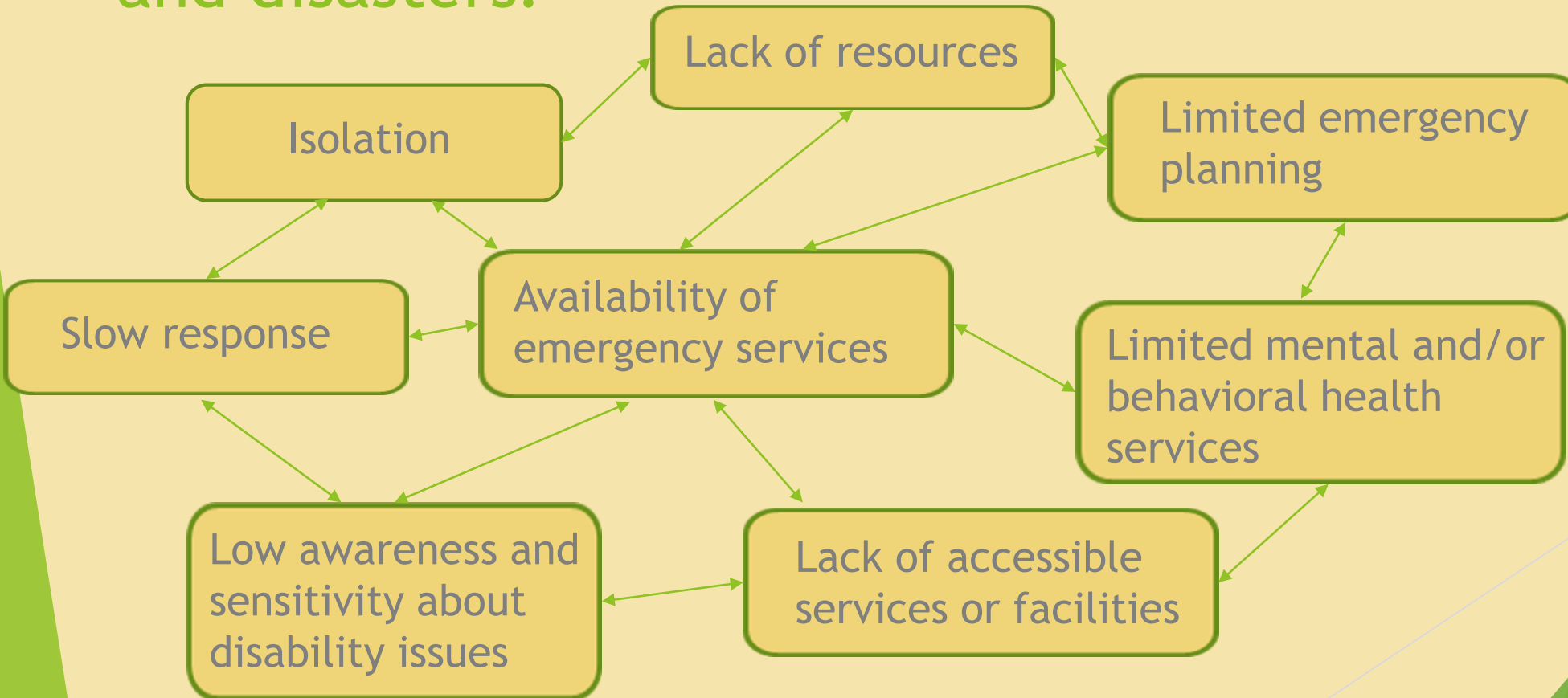
Having a sound emergency plan can reduce potential suffering (human and animal), save money in damages, and possibly insurance costs



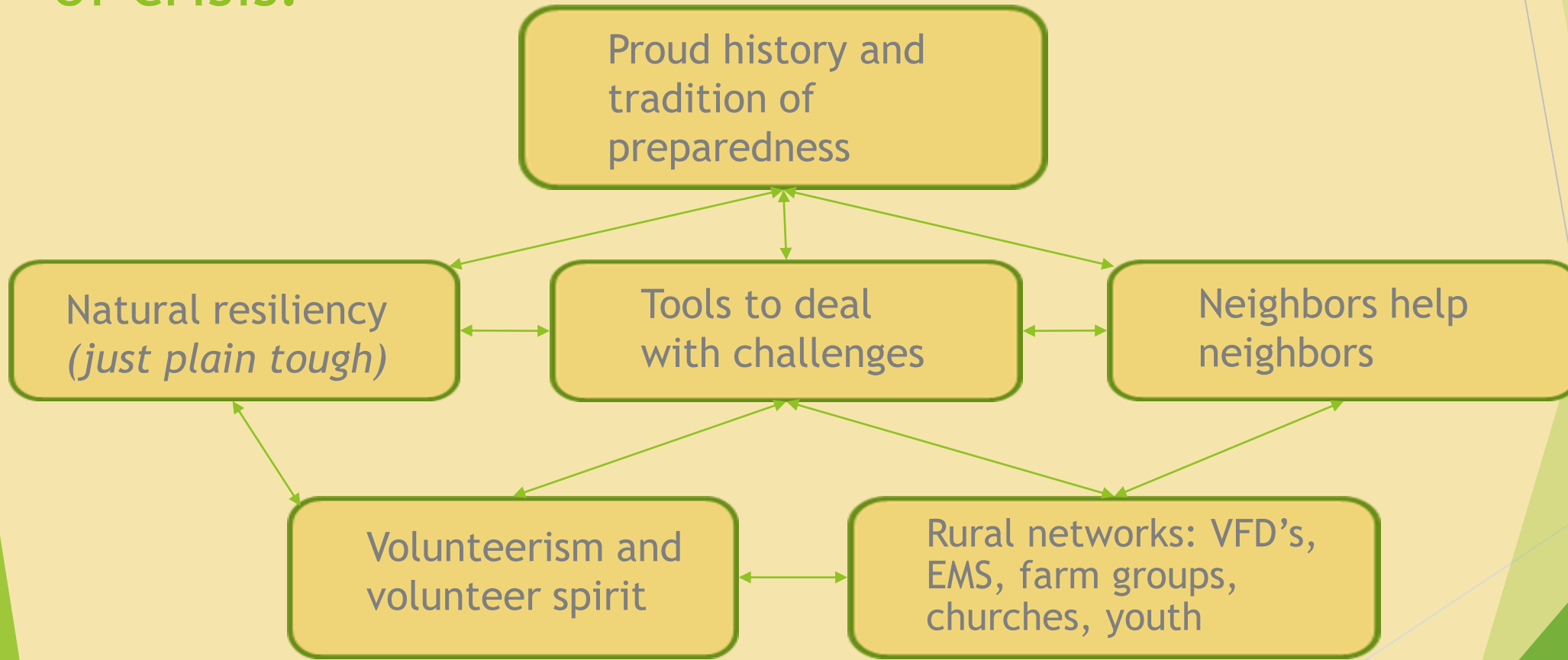
Developing a farm emergency plan puts everybody (family, staff, first responders) “on the same page”



Why might rural residents (*especially those with disabilities*) be more vulnerable to emergencies and disasters?



But...what makes rural folks unique in times of crisis?



“Country folks can survive” Hank Williams, Jr.

Anticipating the needs of someone with a disability adds another level to emergency planning!



Challenges for people with disabilities in rural emergency situations

- ▶ Reluctance to seek assistance (overly independent character)
- ▶ Low participation in peer support activities
- ▶ Loss of essential services (life support, communications, dialysis)
- ▶ Emergency services may be inaccessible
- ▶ Lack of recovery services
- ▶ Few sources of replacement assistive technology



Photo by Leandra Rieger on Unsplash

When and how to start emergency planning?




Photo by Michael Bourgault on Unsplash

Start now and start simple!

Indiana PREPared's Farm Emergency Plan Template

- ▶ Designed to help farm families develop a customized emergency plan for their operation
- ▶ Takes disability issues into account
- ▶ Basic “starter” plan - some operations may need more in-depth plans
- ▶ Other templates are available - pick one that fits your (or your client's) needs

Farm Emergency Plan



PURDUE UNIVERSITY | Extension - INPREP

Date Completed

Emergency Phone Numbers	
Fire	911
Police/Sheriff	911
Ambulance	911

For more information or assistance completing this plan, contact Indiana PREPared at inprepared@purdue.edu, or your county Purdue Extension office

Farm Name/Owner <input type="text"/>	Primary Farm Contact Person & Phone <input type="text"/>
Farm Address <input type="text"/>	1st Alternate Farm Contact Person & Phone <input type="text"/>
Primary Farm Phone <input type="text"/>	2nd Alternate Farm Contact Person & Phone <input type="text"/>
County/Township <input type="text"/>	Out-of-town Emergency Contact <input type="text"/>
Farmstead Utility Pole ID #'s <input type="text"/>	Farm GPS Coordinates <input type="text"/>

Directions to farm (start at major intersection and write directions to farm):

Additional farmsteads / locations shown on page 2

Where can I get help with our Emergency Plan?



- ▶ Indiana PREPARED
 - ▶ www.inprepared.org
 - ▶ inprepared@purdue.edu
- ▶ AgrAbility
- ▶ Extension Educators
- ▶ Local EMS or fire departments

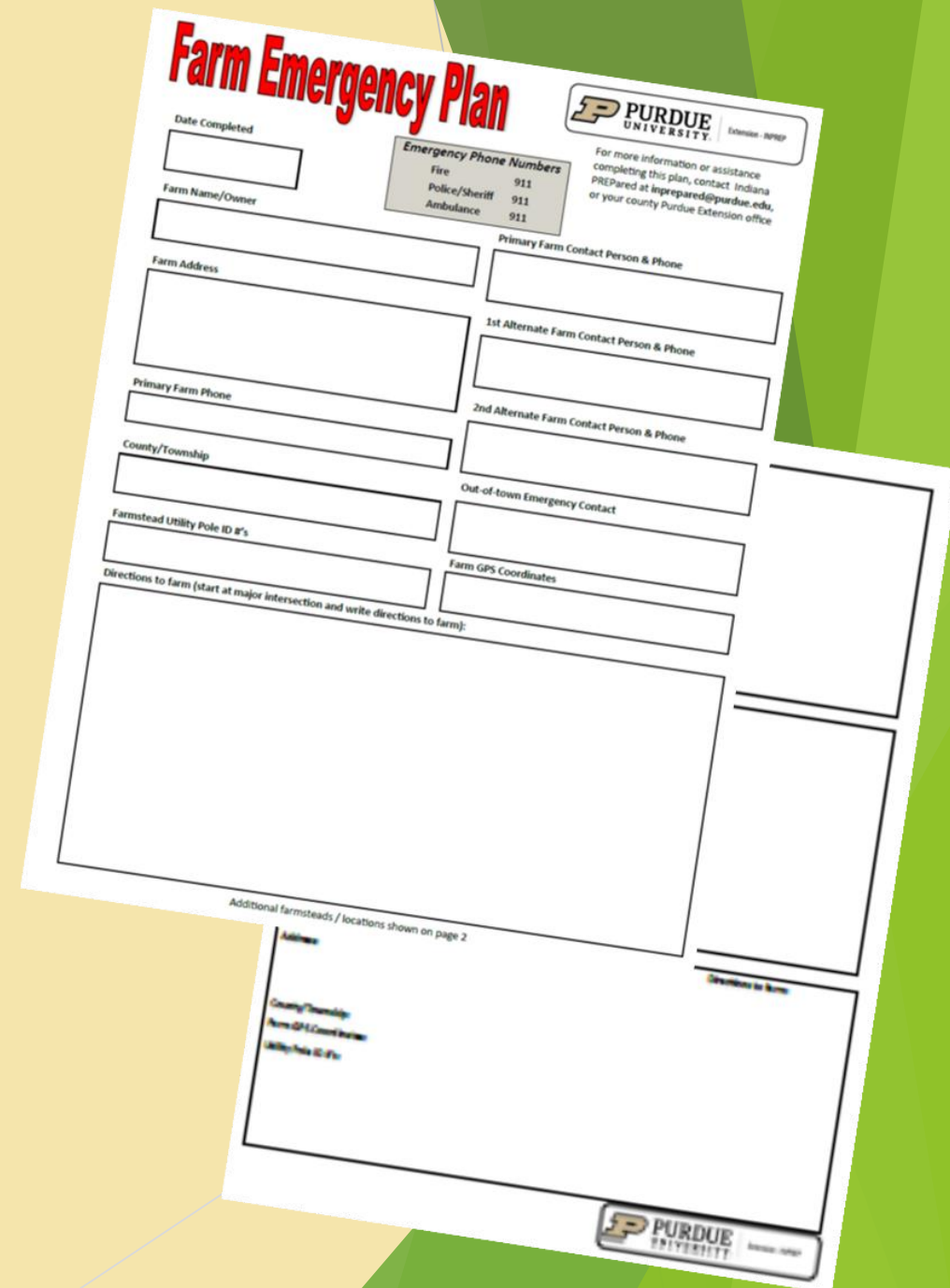
Tips for Preparing and Using Your Farm Emergency Plan

- ▶ Farm family members and staff should help create the plan
- ▶ Be prepared to spend some time on the task
- ▶ Share the plan with:
 - ▶ Fire Department
 - ▶ Law Enforcement
 - ▶ County EMA
 - ▶ Insurance agent
- ▶ Store a copy at the farm for responders
 - ▶ Check www.inprepared.org for tips



Emergency Plan Template Pages 1 & 2

- ▶ Farm name, location, and primary contact information
- ▶ Out-of-town contact in case local communications are overloaded.
- ▶ GPS coordinates can be obtained from Google Maps or similar
- ▶ Date the plan - it helps you remember when it's time to update!
- ▶ Write specific directions that can be read to the dispatcher
- ▶ Page 2 - Additional farmsteads (don't get fancy - call them what the family calls them)



Farm Emergency Plan

PURDUE UNIVERSITY Extension - IN99P

For more information or assistance completing this plan, contact Indiana PREPARED at inprepared@purdue.edu, or your county Purdue Extension office

Emergency Phone Numbers
Fire 911
Police/Sheriff 911
Ambulance 911

Date Completed

Farm Name/Owner

Farm Address

Primary Farm Contact Person & Phone

Primary Farm Phone

1st Alternate Farm Contact Person & Phone

2nd Alternate Farm Contact Person & Phone

County/Township

Out-of-town Emergency Contact

Farmstead Utility Pole ID #'s

Farm GPS Coordinates

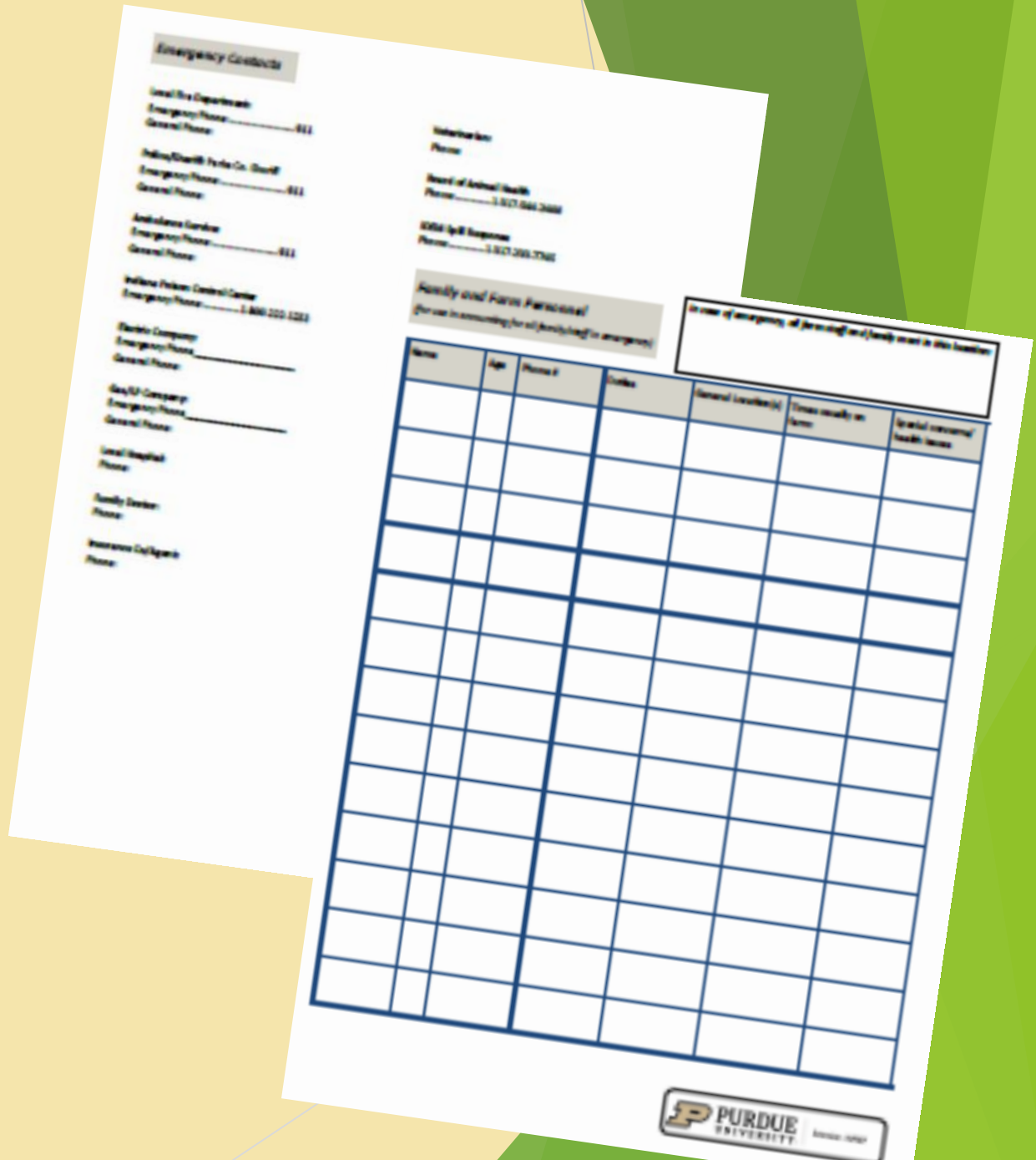
Directions to farm (start at major intersection and write directions to farm):

Additional farmsteads / locations shown on page 2

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Emergency Plan Template Pages 3 & 4

- ▶ Important phone numbers you or responders can refer to during an emergency situation
 - ▶ Fire, EMS, Law Enforcement
 - ▶ Utilities
 - ▶ Suppliers
 - ▶ Neighbors
- ▶ Designate a family/staff meeting spot in case of emergency
- ▶ Family and staff information
 - ▶ Include everybody that lives or works on the farm, even part-time
 - ▶ **List disabilities or other issues that might impact emergency or rescue situations**
 - ▶ Update the personnel list regularly!



Emergency Plan Template

Pages 5 & 6

- ▶ Quick snapshot of the farm operation for emergency personnel
- ▶ Identify potential challenges/unique situations on the farm site
- ▶ Completing this page might cause a farm family to realize there could be more happening on the farm than they thought!
- ▶ Identify possible resources around the farm or neighborhood that could be useful in an emergency
- ▶ List a specific location - the perfect tool is no good if you can't find it when you need it!

Primary Farm Operations and Enterprises:

Crops	Livestock	Additional Enterprises
<input type="checkbox"/> Row Crops	<input type="checkbox"/> Beef Cattle	<input type="checkbox"/> Custom Farming or Application
<input type="checkbox"/> Perennial/Tree	<input type="checkbox"/> Dairy Cattle	<input type="checkbox"/> Tractor
<input type="checkbox"/> Vegetables/Fruit	<input type="checkbox"/> Hogs/Pigs	<input type="checkbox"/> On-farm Processing or Packaging
<input type="checkbox"/> Other Specialty Crops	<input type="checkbox"/> Sheep & Goats	<input type="checkbox"/> Farm Market, Stand, U-pick
	<input type="checkbox"/> Poultry	<input type="checkbox"/> Agri-tourism
	<input type="checkbox"/> Horses, Mules, Donkeys	<input type="checkbox"/> Other Farm-related Enterprise
	<input type="checkbox"/> Other (Specify below)	

Special Considerations:

<input type="checkbox"/> Bulk chemical or fertilizer storage	<input type="checkbox"/> Ponds/streams/wells/soil wells or nearby (may be an immediate risk or resource for the personnel)
<input type="checkbox"/> Pesticide chemical or fertilizer storage	<input type="checkbox"/> On-farm bridges, gates/locks with limited capacity
<input type="checkbox"/> Bulk fuel storage	<input type="checkbox"/> Public bridges with restricted capacity
<input type="checkbox"/> Feed processing	<input type="checkbox"/> Nearby schools, churches, substations, etc.
<input type="checkbox"/> Open resource storage (log pile or stone ground)	<input type="checkbox"/> Potential air emissions building area (200'x200' area, 60'x60' minimum. Free from obstructions, less than 10% slope)
<input type="checkbox"/> Manure storage - pile under building	
<input type="checkbox"/> Feed or agri-tourism facilities	
<input type="checkbox"/> On-farm processing or packaging facility	
<input type="checkbox"/> Pipelines through property	

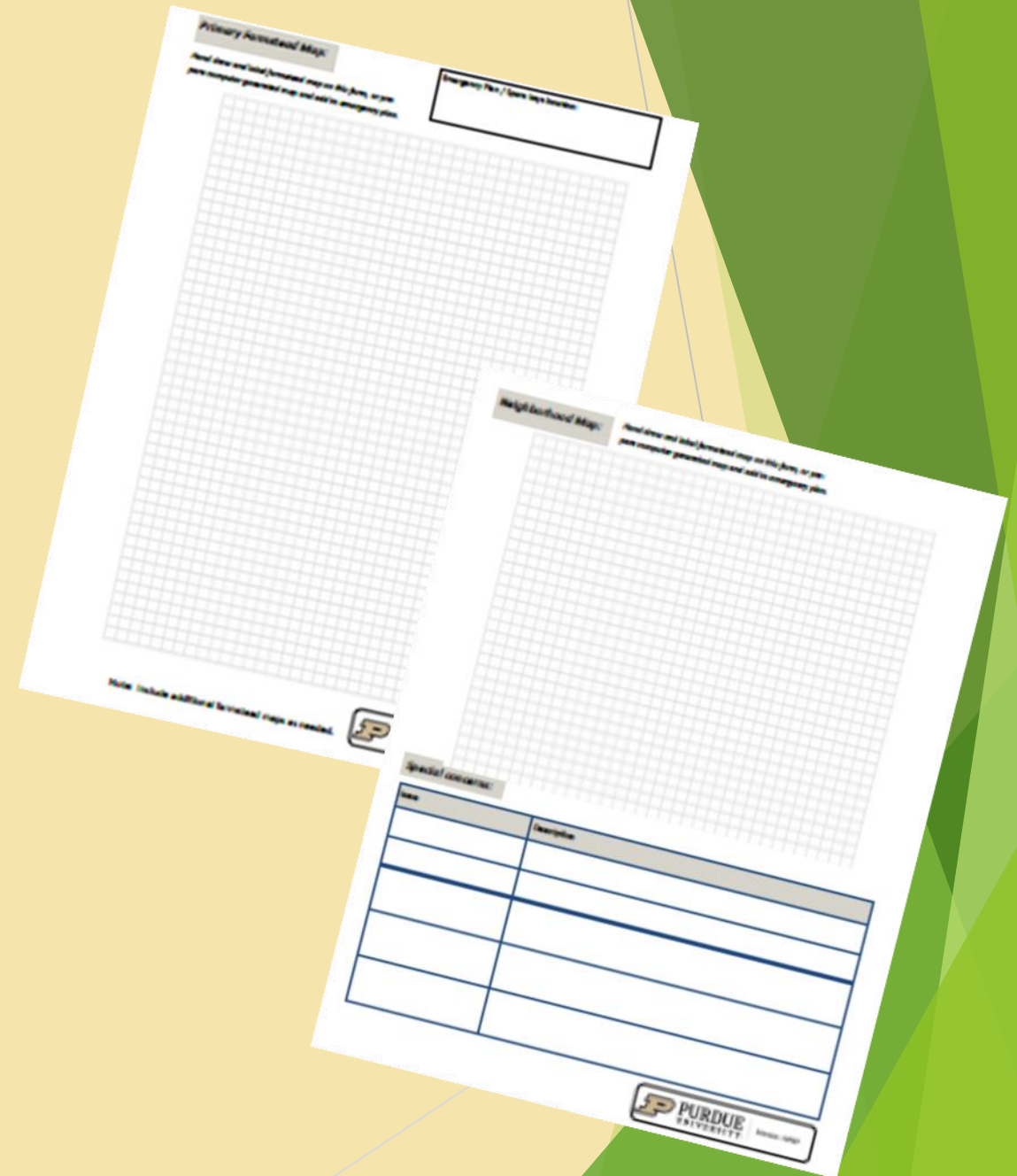
Additional Notes:

Emergency Response Resources—Indicate locations on maps where applicable (for use by emergency personnel or farm staff)

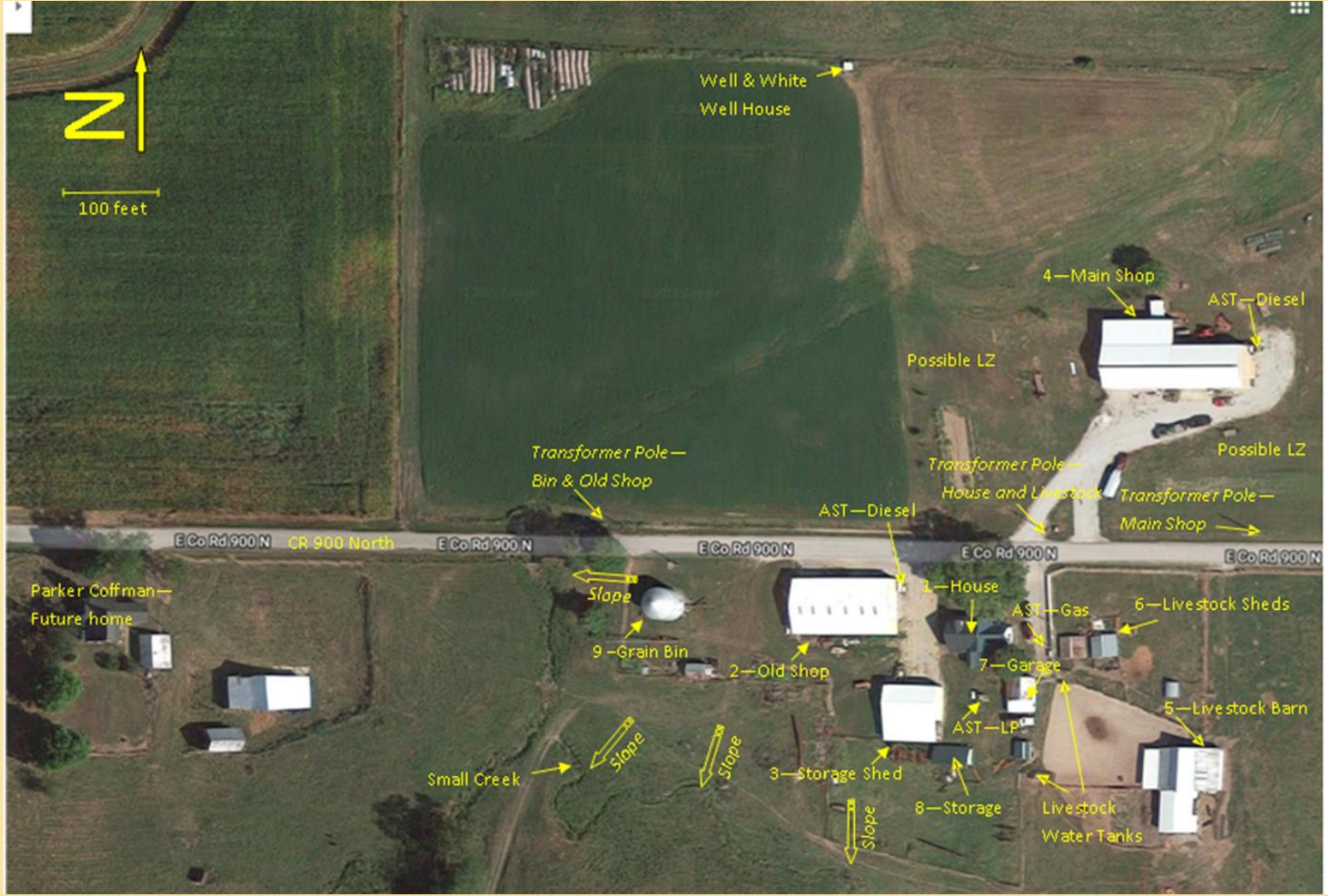
Resource	Location or source / details and contact information
Water Source 1	
Water Source 2	
Generator	
Flashlights / emergency lights	
Fire exit list	
Spill kit	
Shovels, rakes, hand tools	
Trucks	
Water or fuel pump	
Personal Protective Equipment	
Safety Data Sheets	
Lifting equipment (cranes, lift trucks, etc)	
Excavation equipment (backhoes, excavators, skidder machines)	
Quantum materials (axes, saws, etc)	
Inventory location	
Spill/Check/Repair kits	

Emergency Plan Template Pages 7 & 8 - Maps!

- ▶ Don't have to be fancy to be effective - neatly hand-sketched will work. Add as many pages as needed.
- ▶ Satellite images make great starting points (Google, Apple Maps, county GIS, FSA aerial maps)
- ▶ Clearly label facilities, features, utilities, potential hazards
- ▶ Label barns, etc. what you normally call them ("the brick barn", "nursery", "old shed", "heifer lot")
- ▶ Neighborhood map takes a wider view to identify nearby sites that:
 - ▶ Might be impacted by an emergency at your property
 - ▶ Could affect emergency response (blocked train tracks, bridge out)



Example Farmstead Map

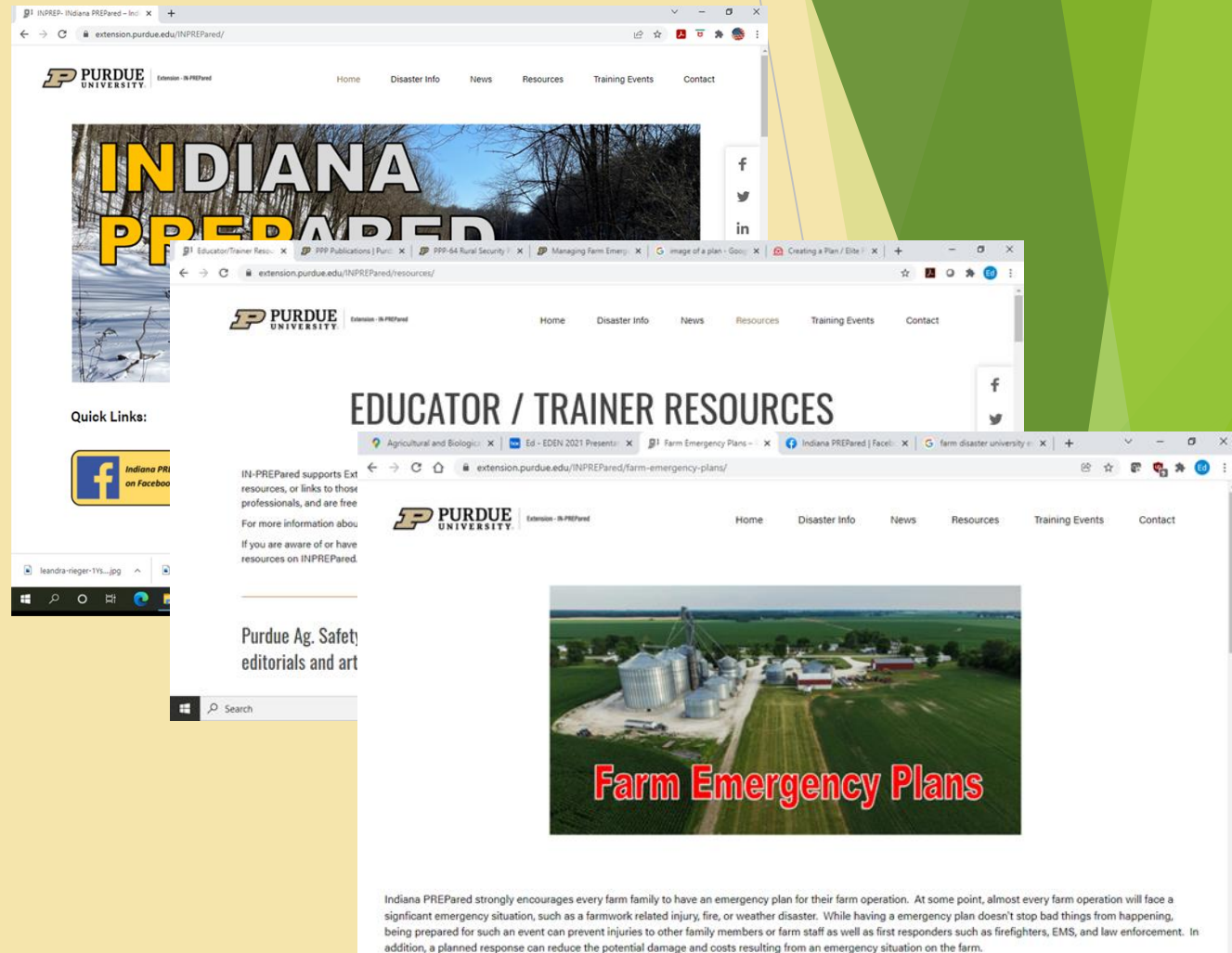


Neighborhood Map



Download a Farm Emergency Plan Template

- ▶ Visit www.INPREPared.org
 - ▶ Click on the “Resources” tab at top of page
 - ▶ Scroll through to find “Developing an Emergency Plan for Your Farm Operation”
 - ▶ Direct link:
<https://extension.purdue.edu/INPREPared/farm-emergency-plans/>
- ▶ Fillable .pdf Emergency Plan template can be downloaded
 - ▶ Type information into fillable document
 - ▶ (or) Print and handwrite
- ▶ Additional Resources
 - ▶ Tips and Instructions for completing a plan



INDIANA PREPARED

EDUCATOR / TRAINER RESOURCES

Farm Emergency Plans

Purdue Ag. Safety editorials and art

Indiana PREPared strongly encourages every farm family to have an emergency plan for their farm operation. At some point, almost every farm operation will face a significant emergency situation, such as a farmwork related injury, fire, or weather disaster. While having an emergency plan doesn't stop bad things from happening, being prepared for such an event can prevent injuries to other family members or farm staff as well as first responders such as firefighters, EMS, and law enforcement. In addition, a planned response can reduce the potential damage and costs resulting from an emergency situation on the farm.

Farm & Ranch Safety Inventory

- ▶ Ideal project to complete along with a Farm Emergency Plan
- ▶ Can be downloaded from Farm Emergency Plans page
- ▶ Comprehensive checklist of typical farm-related hazards
- ▶ Identify hazards on your farm and plan corrective actions or repairs
- ▶ Great project for youth!



FARM/RANCH SAFETY INVENTORY TOOL

This inventory was developed by Purdue University's Agricultural Safety and Health program to serve as a simple, self-guided tool for conducting a whole-farm or ranch assessment in order to identify potential workplace hazards and unsafe work practices. It is based on past agricultural-related fatality and injury data, and addresses those hazards that have the highest potential for causing human injury or property losses. The inventory is available in a downloadable format so that copies are available for individuals to conduct their own assessments.

No hazard assessment tool can be all-inclusive due to the wide diversity of enterprises that can be found in agricultural production, and each individual producer's

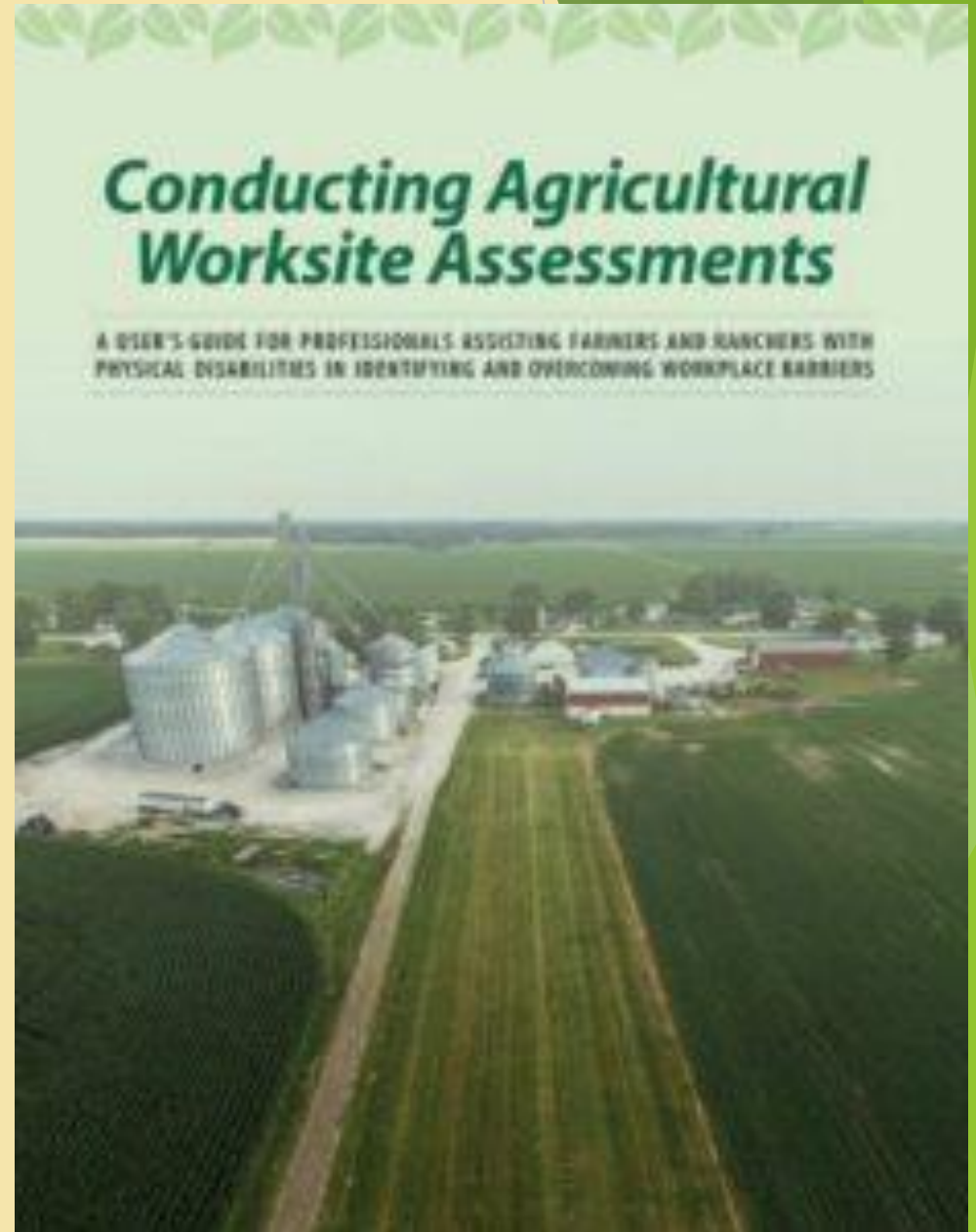
experience, skills, and work practices. If there is uncertainty concerning a specific hazard or practice, it would be appropriate to contact the insurance carrier, county Extension Educator, professional engineer or on-line sources for technical assistance. Feel free to add additional inventory items that address unique hazards identified during the assessment.

An assessment of this type should not be a one-time occurrence, but should be repeated at least annually along with a record of the corrective actions needed and taken. A copy should be filed with the operation's other safety resources and could be beneficial in documenting efforts taken to enhance the safety and health of the workplace.

Farmer's/Rancher's/Grower's Name: _____	Date Inventory was Completed: _____
Address: _____ _____ _____	Person(s) Completing Inventory: _____

Agricultural Worksite Assessments and Emergency Plans

- ▶ AgrAbility's Worksite Assessment tool can be a great starting point for developing a farm emergency plan
- ▶ Some information will apply to both documents
- ▶ Highlights the needs and challenges for farm family or staff members with disabilities



Safeguarding Vital Papers, Financial Records, Personal Information

- ▶ Accessing important paperwork is critical to recovery from emergency or disaster
- ▶ Along with an emergency plan, develop a system for preserving and accessing essential records
- ▶ Purdue's CODE RED stores passwords, bank information, rental agreements, insurance papers, power of attorney documents, and more
- ▶ Program can be downloaded from INPREP's Farm Emergency Plan site

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EXTENSION

WOMEN IN
AGRICULTURE

Code Red



Thank you!

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