

Preplanning Emergency Responses With Farm MAPPER

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RURAL FIREFIGHTERS DELIVERING AGRICULTURE SAFETY & HEALTH

RF-DASH

- **Eight hour training (4 hours in the classroom and 4 hours at a local farm)**
- **Five modules**
 - 1) Intro to Ag Emergencies
 - 2) Pre-Planning and Mapping farms
 - Farm MAPPER
 - 3) Farm Hazard Analysis
 - Safer Farm
 - 4) Farm First Aid
 - 5) Reaching out to the Farm Community

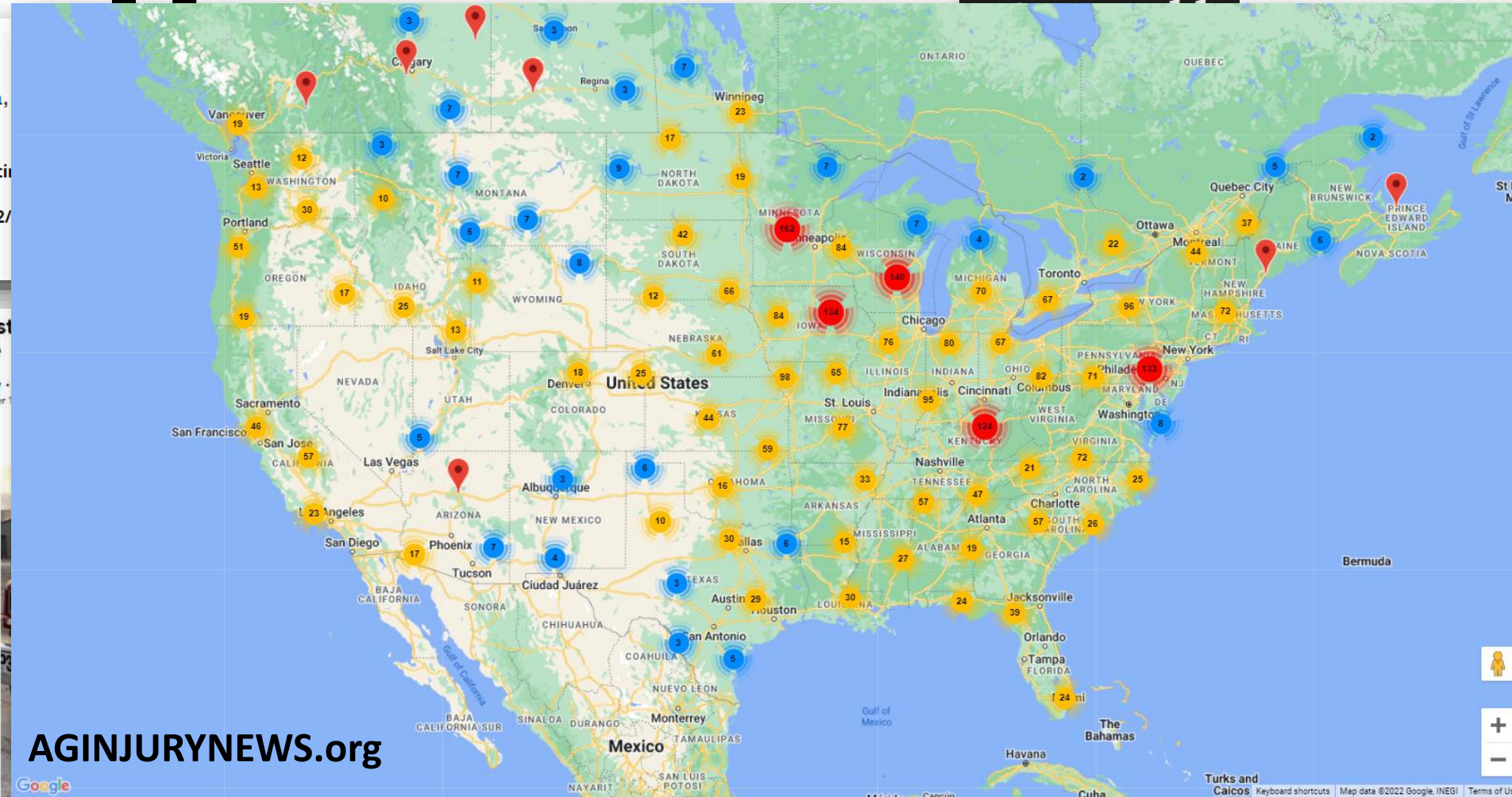
Trainer Locations



Myth: Agricultural injuries don't happen that often

AROUND THE SOUTH

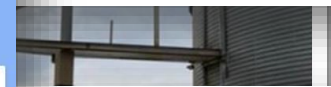
NEWS



l by grain silo
o firefighters in
Minnesota



erville, Minn., where one person died and two
accident. (Celeste Edenloff / Forum News



, firefighter

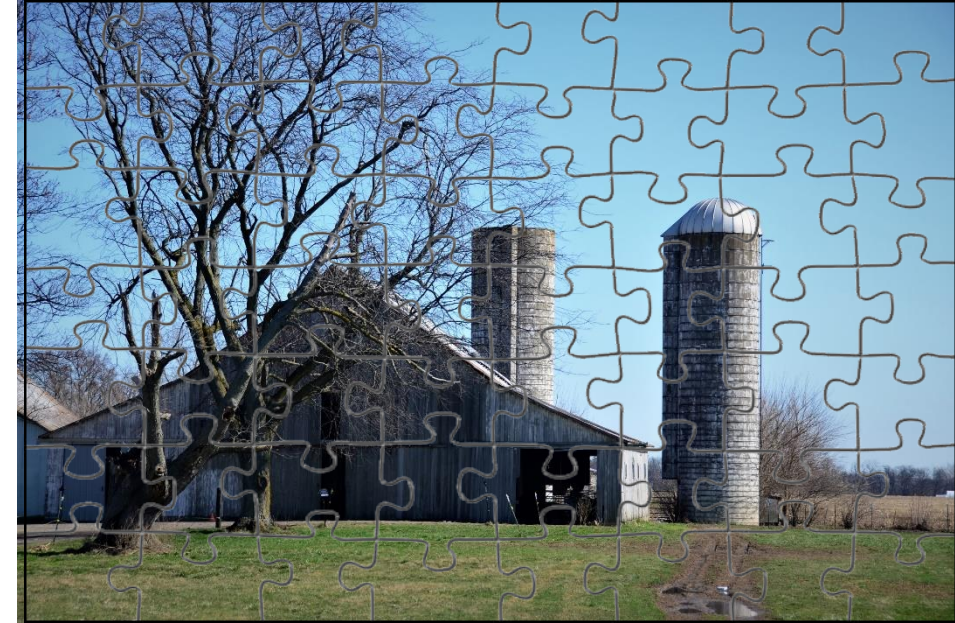
FARMS

- **Farms are complex, dangerous, changing**
- **unpredictable places**
 - **Hazards and Challenges**
 - Chemicals
 - Fuels
 - Large dangerous animals
 - Confined spaces
 - Manure lagoons
 - Questionably maintained roads and bridges
 - Large distances
 - Widely dispersed structures



When you've seen one farm, you've seen one farm

- **Each farm is a Puzzle to be solved**
 - **Right of entry not usually yours**
 - **Stuff gets moved**
 - **There is dangerous stuff about**
 - **Emergency access**



Farm MAPPER

- **Farm Mapping to Assist, Protect and Prepare Emergency Responders**
- Interactive web tool that provides emergency responders onsite information about hazards and physical layouts of agricultural operations aimed to make responding to emergencies on farms safer.



Number 1

Meeting place – Locate and verify the safety of each person.



Number 2

Utility Shut offs – Electricity – Gas (Butane -LP – Natural Gas

Look up for over head wires (Aerial fire operations)

Link phone numbers to dispatch – Know the utility



Number 3

Chemical Storage – Pesticides, Fertilizers, Fuels, Others



Number 4

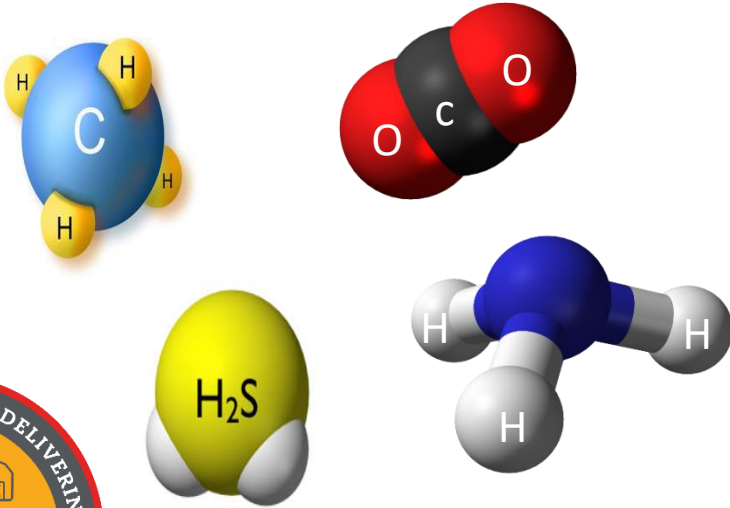
Water Supply (fire response)



Number 5

Manure Storage – Above ground or below

- Hydrogen Sulfide
- Ammonia
- Carbon Dioxide
- Carbon Monoxide
- Methane



Number 6

Confined Space



Number 7

Machinery – High \$\$\$ Storage



Number 8

Special Hazards (unique to the normal farm)

Special Occupancy – health of the farm.

Security



Number 9

Staging and LZ info



Number 10

Other – Something unique to this operation!

For example: Agri-tourism; unusual traffic and personnel.

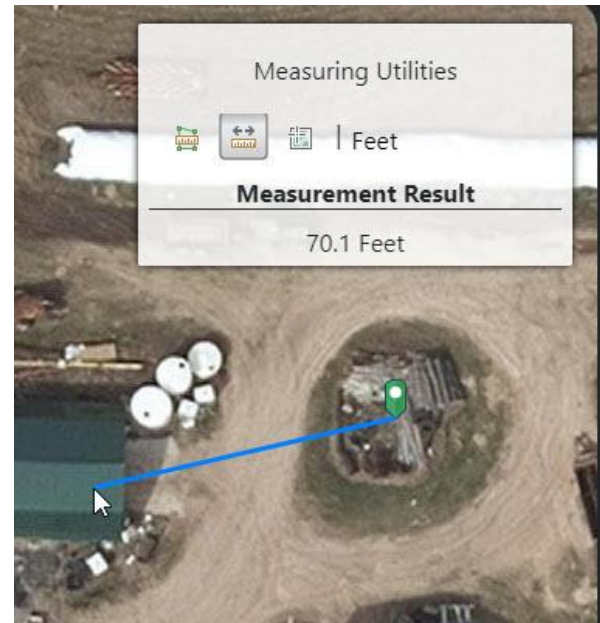
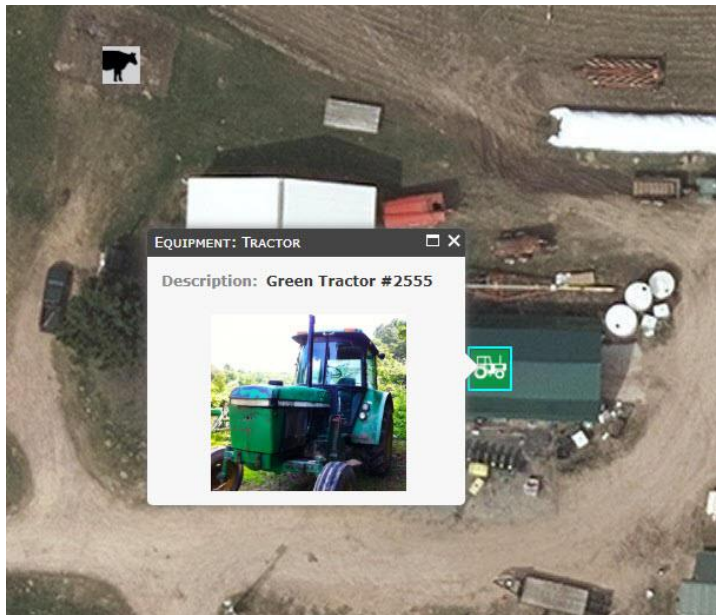


Farmmapper.org



Farm MAPPER 2.0

Version 1.0 going live Wednesday, 10/25/2023



Questions?

- Connect with us!
- RFDASH.org
- rfdash@marshfieldresearch.org
- 715-389-7947

