

Goals


- Understand the purpose of Farm Mapping to Assist, Protect and Prepare Emergency Responders (Farm MAPPER)
- Identify the information available to Emergency Responders through Farm MAPPER
- Recognize potential advantages of the Farm MAPPER information available during response scenarios
- Discuss approaches to engaging farming clients in the provision of information placed on Farm MAPPER in
- Discuss potential additions to the MAPPER to platform
- Tell the developers how you would use it and how to improve the product

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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



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FARM

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
Farmers may be purposefully deceptive with storage
Stuff gets moved
There is dangerous stuff about

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MAPPING


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To ASSIST


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To PROTECT


Discovery Bay: Bull put down after rancher found dead in field
Health inspectors found bull after animal approached dog on morning walk




Courtesy of East Bay Times News



Irritated bull hampers first responders in Calvert County, Md.
Members of the Saint Leonard Volunteer Fire Department responded to a 911 call when they were met by a protective Texas Longhorn.



Courtesy of WUSA Channel 9 News



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And PREPARE




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Emergency Responders





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FARM MAPPER

**FARM Mapping to Assist Prepare
and
Protect Emergency Responders**






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Top Ten “MAPPABLE” ITEMS







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Number 1

Life Safety – Yours (FD / EMS) and Theirs.
Meeting place – Locate and verify the safety of each person.

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Number 2

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

Look up for over head wires (Aerial fire operations)

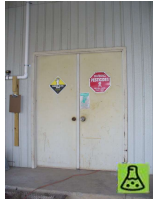
Link phone numbers to dispatch – Know the utility



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Number 3

Chemical Storage – Pesticides, Fertilizers, Fuels, Others



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Number 4

Water Supply (fire response) – Consider 2 sights

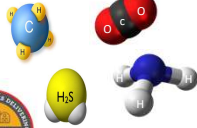




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Number 5

Manure Storage – Above ground or below

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










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Number 6

Confined Space









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Number 7

Machinery – High \$\$\$ Storage





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6

Number 8

Special Hazards (unique to the normal farm)
Special Occupancy – health of the farm.
Security



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Number 9

Staging and LZ info




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Number 10

Other – Something unique to this operation!
For example: Agri-tourism; unusual traffic and personnel.



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Priorities

- ☒ _____
- ☒ _____
- ☒ _____
- ☐ _____
- ☐ _____

Your priorities may differ! That's OK. It's Your Tool

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You tell us. What more do you want?



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Questions?

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