<table>
<thead>
<tr>
<th>Section 1 - Please rate today's information</th>
<th>Excellent</th>
<th>Good</th>
<th>Fair</th>
<th>Poor</th>
<th>No Response</th>
<th>Total Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Rules Update</td>
<td>598</td>
<td>596</td>
<td>26</td>
<td>0</td>
<td>3</td>
<td>1,223</td>
</tr>
<tr>
<td></td>
<td>49%</td>
<td>49%</td>
<td>2%</td>
<td>0%</td>
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<td></td>
</tr>
<tr>
<td>2. An Update on Foaming in Swine Manure Pits</td>
<td>656</td>
<td>504</td>
<td>28</td>
<td>5</td>
<td>30</td>
<td>1,223</td>
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<td></td>
<td>54%</td>
<td>41%</td>
<td>2%</td>
<td>0%</td>
<td>2%</td>
<td></td>
</tr>
<tr>
<td>3. PEDV Update: The virus, Keeping it Out, and Advances in our Knowledge</td>
<td>727</td>
<td>440</td>
<td>36</td>
<td>4</td>
<td>16</td>
<td>1,223</td>
</tr>
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<td>59%</td>
<td>36%</td>
<td>3%</td>
<td>0%</td>
<td>1%</td>
<td></td>
</tr>
<tr>
<td>4. Manure Spill Scenario</td>
<td>631</td>
<td>531</td>
<td>25</td>
<td>4</td>
<td>32</td>
<td>1,223</td>
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<td>43%</td>
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<td>0%</td>
<td>3%</td>
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</table>

<table>
<thead>
<tr>
<th>Section 2 - Overall evaluation:</th>
<th>Agree</th>
<th>Undecided</th>
<th>Disagree</th>
<th>Does Not Apply</th>
<th>No Response</th>
<th>Total Responses</th>
</tr>
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<tbody>
<tr>
<td>5. The information presented today was useful for my farm operation?</td>
<td>1112</td>
<td>79</td>
<td>8</td>
<td>18</td>
<td>6</td>
<td>1,223</td>
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<td>91%</td>
<td>6%</td>
<td>1%</td>
<td>1%</td>
<td>0%</td>
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<tr>
<td>6. The presenters were prepared and knowledgeable.</td>
<td>1178</td>
<td>30</td>
<td>2</td>
<td>0</td>
<td>13</td>
<td>1,223</td>
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<td>2%</td>
<td>0%</td>
<td>0%</td>
<td>1%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 3- Tell us about your use of equipment injection/incorporation:</th>
<th>Not at all Useful</th>
<th>Somewhat Useful</th>
<th>Very Useful</th>
<th>No Response</th>
<th>Total Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>7. How useful was this in helping you think through priorities in a manure spill situation?</td>
<td>34</td>
<td>440</td>
<td>733</td>
<td>16</td>
<td>1,223</td>
</tr>
<tr>
<td></td>
<td>3%</td>
<td>36%</td>
<td>60%</td>
<td>1%</td>
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</tr>
<tr>
<td>8. How useful was this exercise in helping you determine the need to an emergency action plan?</td>
<td>35</td>
<td>447</td>
<td>720</td>
<td>21</td>
<td>1,223</td>
</tr>
<tr>
<td></td>
<td>3%</td>
<td>37%</td>
<td>59%</td>
<td>2%</td>
<td></td>
</tr>
</tbody>
</table>

Comments on manure spill scenario | See page Comments on manure spill Scenario |

<table>
<thead>
<tr>
<th>9. I will be developing an emergency action plan for manure spill response</th>
<th>Already have</th>
<th>Plan to develop</th>
<th>Not Applicable</th>
<th>I need more information</th>
<th>No Response</th>
<th>Total Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>585</td>
<td>487</td>
<td>88</td>
<td>8</td>
<td>55</td>
<td>1,223</td>
</tr>
<tr>
<td></td>
<td>48%</td>
<td>40%</td>
<td>7%</td>
<td>1%</td>
<td>4%</td>
<td></td>
</tr>
<tr>
<td>10. I will be developing a biosecurity plan for disease control</td>
<td>689</td>
<td>335</td>
<td>130</td>
<td>11</td>
<td>58</td>
<td>1,223</td>
</tr>
<tr>
<td></td>
<td>56%</td>
<td>27%</td>
<td>11%</td>
<td>1%</td>
<td>5%</td>
<td></td>
</tr>
</tbody>
</table>

| 11. Anything else you want to tell us about foaming pits?                | See comments on Foaming pits page |

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2014 Confinement Site Manure Applicator Certification Evaluation
Iowa State University Extension and Outreach

Responses from Workshops: 1,047
Total of all Responses Collected: 1,223

Not at all Useful | Somewhat Useful | Very Useful | No Response | Total Responses
7. How useful was this in helping you think through priorities in a manure spill situation? | 34 | 440 | 733 | 16 | 1,223
| 8. How useful was this exercise in helping you determine the need to an emergency action plan? | 35 | 447 | 720 | 21 | 1,223

Comments on manure spill scenario | See page Comments on manure spill Scenario

9. I will be developing an emergency action plan for manure spill response | Already have | Plan to develop | Not Applicable | I need more information | No Response | Total Responses
| 585 | 487 | 88 | 8 | 55 | 1,223
| 48% | 40% | 7% | 1% | 4% |                |
| 10. I will be developing a biosecurity plan for disease control | 689 | 335 | 130 | 11 | 58 | 1,223
| 56% | 27% | 11% | 1% | 5% |                |

11. Anything else you want to tell us about foaming pits? See comments on Foaming pits page
11. Anything you want to tell us about foaming pits?

All barns treated the same, some foam and some don't.

Apply Rumensin 90 thru slats. Foam will be gone less than a week. Low re-occurrence. 8-10 lbs/100,000 gal manure

Chlorox run through the misters with a (not sure what the word is, but it might be 'medictor')

Constant problem.

Could it be how the concrete in the pit cured or was poured? The type of soil on the outside of the concrete and moisture collected? CEC on the Soil?

Don't have experience

Find solution

Foam become an issue when DDG's were priced into diets. DDG's are getting priced out of diets and PED concerns. Most DDG's are not getting a lot of their fat removed. It will be interesting to see if foaming becomes less of an issue.

Had one foam in 2009 or 2010 has not done it again. No feed changes or any other changes either.

Haven't seen it our pits yet!

Hope they find a cure. I have foaming and it usually starts when pit is 3/4 full.

I am not sure what PED and foaming pits has to do with manure application certification.

I do not have a problem now, I pump myself and put them empty.

I have foaming pits. I use Rumensin.

I have had it in cattle confinement also.

I have many barns on one site, only one foams. These are old buildings.

I have never observed foam until the pit nears completion.

I have used reumension and it really worked well for me. One building foams and one never has.
I only had problems when ventilations goes down.

I use Pit Digester and have no foam. They say the cattle feed rumensin helps knock down foam. I'm looking forward to a cost effective solution with this problem. I have been dealing with this for a couple of years. I'm glad to see research being done on this and I’m happy to see information presented in this training.

If we are training for manure application lets learn about application, not PED. Big waste of time.

Just keep ventilation up

Keep researching!

Keep working on it.

Makes it hard to get a full tanker.

Mysterious

Need to review owner's manure spill response

No

No problem yet.

Nope

Not having problems
Our foaming experience was after mixing one finisher pit with another for capacity issues. This has happened twice in previous yrs. Foaming happens less than 24 hrs. after mixing. I believe DDG's in rations are related.

Poured old oil in it. Helps for 3 days.

Rumensin

Rumensin worked for the only pit we had that foamed.

Rumensin
Rumensin helps cut down foam in our finishers.

Rumensin is useful.

Rumensin works

Rumensin works for us.

Rumensin works.

Rumensin works great.

Sounds like feeding DDGs is usually what the problem comes from.

Still looking for solution. But have seen improvement when applying pit additive monthly. For a quick fix, diesel fuel knocks down the foam for a while.

The foaming in my pit was better this last year!

Too much information

Turkey Rumensin works in 24 hours

Used crop oil concentrate to control

We apply rumens in

We have had no foaming problems-yet!

We have only seen it in empty buildings.

We see a lot of problems in Southern Iowa. Particularly where we have high sulfur water.

What is the cause/how to treat?

What to use to get rid of foam (pit additive?)
Comments on manure spill scenario

*No need to check weather.
Always use Buddy System when pumping-two people- one hauling and one on pumps.
As far a the total # some of these action would occur simultaneously there for, that total # could be arbitrary.
Depending on situation, could go different.
Good activity and discussion
Good advice
Good exercise
Good job!
Good reminder to inform everyone on your team.
Good scenario makes you think about a possible spill.
Good--more hands on stuff.
Good!
Great!
Helps to think through the process to plan a line of action and what needs to be done at our site. Pre-plan!
I agree with the scenario given.
I have an emergency action plan. I thought the final evaluation was not realistic. I question the results of the evaluation and consequences from those results, but I liked the activity and I thought it id a great job making you think.
I have attended these meetings for 8-10 years and more of my brain wastes away each time. The material presented is common knowledge to anyone who is even moderately up to date.
I wouldn’t worry about weather forecast until I started my emergency action plan and called DNR--then forecast.
Interesting
It is thought process that we have had a round table discussing on.
It was very helpful!
Made class enjoyable
Made one think!
Made us think. I liked it.
Make you think
Makes you think.
Makes you think.
Need additional information to make better plan of action.
Nice addition to the training
Ok
Review of some actual reported manure spills and DNR response or follow up.
Should have spent more time on manure spill than Peds update
The chance of spreading PED outweighs the value of the meeting. The meeting should have been canceled.
The class was excellent and knowledgeable.
The spill exercise was an eye opener and a good piece of information. (Plus it livened the crowd up!)

Think about what you would do ahead of time to try to be as prepared as possible.

This was a neat way to let me know what to do incase I have a manure spill.

Use action plan-consult list of ? Must call Iowa One call before digging.

Useful information, kept things interesting.

Very good

Very good

Very good

Very good example, gets group involved.

Very good reminder for emergency action plan preparedness.

Very good!

Very helpful, makes you think about it before it happens.

Very helpful.

Very interesting

Very interesting! Thank you!

Very thought provoking

Was the sleeping employees body ever found?

Well presented.

Would call Iowa One before building berm.