## Section 1 - Please rate today's information

<table>
<thead>
<tr>
<th></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>583</td>
<td>549</td>
<td>23</td>
<td>2</td>
<td>12</td>
<td>1169</td>
</tr>
<tr>
<td>2. Winter Application</td>
<td>623</td>
<td>488</td>
<td>35</td>
<td>3</td>
<td>20</td>
<td>1169</td>
</tr>
<tr>
<td>3. Video on Manure Plan Due Dates</td>
<td>531</td>
<td>517</td>
<td>54</td>
<td>12</td>
<td>55</td>
<td>1169</td>
</tr>
<tr>
<td>4. Road and Bridge Weights</td>
<td>422</td>
<td>435</td>
<td>58</td>
<td>34</td>
<td>220</td>
<td>1169</td>
</tr>
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</table>

## Section 2 - Overall evaluation:

<table>
<thead>
<tr>
<th></th>
<th>Agree</th>
<th>Undecided</th>
<th>Disagree</th>
<th>Does Not Apply</th>
<th>No Response</th>
<th>Total Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. The information presented today was useful for my farm operation?</td>
<td>1053</td>
<td>84</td>
<td>6</td>
<td>12</td>
<td>14</td>
<td>1169</td>
</tr>
<tr>
<td>6. The presenters were prepared and knowledgeable.</td>
<td>1111</td>
<td>42</td>
<td>5</td>
<td>2</td>
<td>9</td>
<td>1169</td>
</tr>
<tr>
<td>7. You have a better understanding of the winter application rules.</td>
<td>1090</td>
<td>54</td>
<td>4</td>
<td>4</td>
<td>17</td>
<td>1169</td>
</tr>
</tbody>
</table>

## Section 3 - Future Needs

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>No Response</th>
<th>Total Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>8. Would you like to see more short video clips, like the one on manure plan due dates?</td>
<td>313</td>
<td>327</td>
<td>529</td>
<td>1169</td>
</tr>
<tr>
<td>9. If so, what kinds of information do you need as related to manure application, storage, safety or other manure management concerns?</td>
<td>27%</td>
<td>28%</td>
<td>45%</td>
<td>1169</td>
</tr>
</tbody>
</table>

## Section 4

Last year in this program we talked about manure nitrogen, especially how N availability is defined versus losses of nitrogen and possible management strategies.

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>No Response</th>
<th>Total Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>10. I delayed application of high ammonia content manures (i.e. liquid swine manure) until soil temperatures were 50 degrees or colder?</td>
<td>755</td>
<td>226</td>
<td>188</td>
<td>1169</td>
</tr>
<tr>
<td>11. Do you have your manure analyzed yearly to determine the nitrogen content of the manure?</td>
<td>892</td>
<td>136</td>
<td>141</td>
<td>1169</td>
</tr>
<tr>
<td>12. Use the cornstalk nitrate test to evaluate if N supply was sufficient to corn crop?</td>
<td>340</td>
<td>665</td>
<td>164</td>
<td>1169</td>
</tr>
<tr>
<td>13. Use the Late-Spring Nitrate test to evaluate N supply?</td>
<td>317</td>
<td>674</td>
<td>178</td>
<td>1169</td>
</tr>
<tr>
<td>14. If you have dry/solid manure do you incorporate the manure shortly after application to reduce potential N loss?</td>
<td>528</td>
<td>271</td>
<td>370</td>
<td>1169</td>
</tr>
<tr>
<td>15. Do you consider manure nitrogen to be your primary source of nitrogen for crop production?</td>
<td>817</td>
<td>197</td>
<td>155</td>
<td>1169</td>
</tr>
<tr>
<td>16. Please identify one piece of information you feel you need to increase your manure nitrogen management skills</td>
<td>Please see page 16.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
9. If so, what kinds of information do you need as related to manure application, storage, safety or other manure management concerns?

application on snow cover 1/2 inch
Building location requirements, storage
compost piles in re-(some word can't read it) to your mmp
different forms of application methods
different toolbar setups?
DOT videos
Extra ideas on expanding the holding cells before 2015
foam on pits
foam, additives, yield plots
Foam, DDGs how they affect feed, Instinct-nitrogen stabilizers
foaming
foaming in swine confinement pits
foaming issues
foaming manure pits
foaming pits
foaming pits
foaming pits
good plans for spills
great video
Have a 2 hr awareness et 1 hr recertify for first time
I followed my MMP but due to more manure in multiple pits I had excess manure. What form do I need to vary from MMP & apply on neighbors field not in my plan so I stay in compliance?
I think discussing manure explosions and safety concerns should be at hot topic of discussion & warrant more research. Life safety should be top priority to DNR.
I want to see the foaming pits again, that was cool
If different types of injection methods require different amounts of manure
Industry new app & equipment
injector systems
Issues or problems other have experienced
laws

Manure application

Manure application records

manure application, manure storage

manure application, storage

manure applicator equipment options

manure foaming

Manure gas cautions

Manure pit foaming

Manure sampling, composting

Maybe a video showing different types of incorporators in action

more about nitrogen stalk tests

More dry application in Pocahontas workshop

More info about nutrient management

More info for applicators as opposed to farm operators.

More on manure nutrients, availability

More on research development on pit foam.

more on safety

New laws

Nutrient management/fertilizer requirements

Nutrients of manure and availability to crops.

Pit solids-what are best products to use, pit foaming

Proper application depth of manure

Proper Broadcasting

proper soil testing procedures

Really enjoyed the road and bridges weights video

research and data, results of using Instinct & different rates?

Rules regarding selling manure or landowner pumping manure
rules updates

safety

safety

safety

safety, nitrogen stabilizers, pit foaming issues

same as today

sampling methods

Separation distances, anything to do with timing

soil sampling (RUSLE)

spill response, case studies on spill response

stop foaming pits!

storage

storage

storage

storage facilities and foaming

storage structures, application equipment

Storage, safety

Test on manure loss at application or N loss

The people making the rules should be required to manage a large farm operations for 5 years before they could get job making the laws.

tiling

Types of manure storage

Value of spring liquid application

weights

What is the safest way to pump under floor pits without taking the pigs out of buildings? Updates on pit foaming.

winter application
16. Please identify one piece of information you feel you need to increase your manure nitrogen management skills

| Ability to easily record records according to DNR |
| Amendments to MMP’s due to growth of farm. |
| Application rates |
| Application techniques to minimize N loss. |
| Better pit agitation for a more uniform manure sample |
| Better way to determine rate of application |
| Better way to test manure in pit for nutrient values. Used Instinct |
| Composting manure |
| continue testing |
| Corn stalk nitrate test |
| cornstalk nitrate test |
| Crop use in different conditions. |
| Determine amount of N needed in spring after fall application N. |
| Different toolbar on spreader tank. |
| Do corn stalk nitrate test |
| Ease of test nitrate in growing season to gauge N available from manure. |
| Fall applied N in manure what is available for crop uptake in spring and summer? |
| Foaming of pits information. |
| How can I concentrate it more so there is less to haul? |
| How do you calibrate a manure spreader? |
| How long N is available use of inhibitors to make N last till July or August? |
| How much more nitrogen can be applied? |
| How to best sample manure |
How to manage volatilization

I need overall more experience since I am a new farmer.

I own no land and don't farm. I just spread the crap where I am told.

Incorporate liquid manure

Late spring nitrate test

Late spring nitrate test

Late spring nitrate test/cornstalk nitrate test

Leeching

Letter in the mail would have been easier.

Manure analysis

Manure stabilizers

Manure testing

More info on Denitrification and N uptake rates

More manure analyzed

My custom hauler showed up so I didn't delay application.

N Loss from stockpile to spread. (Turkey litter)

N serve

Nitrogen requirements with chicken manure and hog manure

Nitrogen stabilizer products

Nitrogen stabilizers for manure--do they work?

Previous yields (before and after)

Proper stalk testing and spring nitrate testing procedures

Real time tissue tests for N

Science and testing
Soil nitrate

Soil sampling

Soil temps

Split applications

Test every year

Testing

testing hog pits

Thank you!

Tissue samples

Understanding regulations

Use corn stalk test

Use corn talk late spring test

Use late spring nitrate test

Usefulness of surface application?

What the weather will be this spring.

When does Nitrogen become available and when will it be lost and if lost where does it go?

wind and environment details written down.