

2021 Confinement Site Manure Applicator Certification Evaluation Iowa State University Extension and Outreach							
Responses from Workshops: 568	DVD	121	Total of all Responses Collected: 689				
Section 1 Please rate today's information	Excellent	Good	Fair	Poor	No Response		Total Responses
1. DNR Confinement Site Rules Percentage	371 54%	304 44%	11 2%	0 0%	3 0%		689
	Excellent	Good	Fair	Poor	No Response		Total Responses
2. Land Application and Separation Distances Percentage	376 55%	297 43%	11 2%	0 0%	5 1%		689
	Excellent	Good	Fair	Poor	No Response		Total Responses
3. Manure Available N & Appl Rate Determination Percentage	369 54%	308 45%	6 1%	1 0%	5 1%		689
	Excellent	Good	Fair	Poor	No Response		Total Responses
4. MRTN and Yield Goal: Mgmt and Water Quality Considerations Percentage	361 52%	303 44%	13 2%	1 0%	11 2%		689
	Excellent	Good	Fair	Poor	No Response		Total Responses
5. Fertility Management and Water Quality Percentage	359 52%	305 44%	15 2%	1 0%	9 1%		689
	Excellent	Good	Fair	Poor	No Response		Total Responses
6. Manure Economics Activity Percentage	383 52%	286 44%	11 2%	0 0%	9 1%		689
	Excellent	Good	Fair	Poor	No Response		Total Responses
7. What is a water source?	353 51%	308 45%	13 2%	0 0%	15 2%		689
Section 2 Overall evaluation:							
	Agree	Undecided	Disagree	Does Not Apply	No Response		Total Responses
8. The information presented today was useful for my farm operation. Percentage	618 90%	42 6%	3 0%	8 1%	18 3%		689
Section 3 Discussion							
	MRTN	Yield Goal	Both		No Response	NA	Total Responses
9. Which application rate do you use? Percentage	107 16%	447 65%	17 2%		47 7%	71 10%	689
	Very Likely	Likely	Not Likely	Very Not Likely	No Response	NA	Total Responses
10. Because of training this year, how likely will you be to switch how you base you nitrogen application? Percentage	20 3%	233 34%	331 48%	36 5%	25 4%	44 6%	689
	Yes	No			No Response	NA	Total Responses
11. Because of past training and learning, did you verify manure distribution from manifolds across the tool bars? Percentage	346 50%	204 30%			24 3%	115 17%	689
	Very Likely	Likely	Not Likely	Very Not Likely	No Response	NA	Total Responses
12. If no, how likely are you to verify manure distribution across your toolbars before 2021 fall application season? Percentage	34 5%	174 25%	117 17%	10 1%	203 29%	151 22%	689
	Yes	No			No Response	NA	Total Responses
13. Because of training, have you changed the timing of manure application? Percentage	141 20%	462 67%			22 3%	64 9%	689
	Yes	No			No Response	NA	Total Responses
14. Because of training, have you planted cover crops? Percentage	202 29%	398 58%			21 3%	68 10%	689
	1 to 10 Acres	11 to 40 Acres	41 to 80 Acres	81+ Acres	No Response	NA	Total Responses
15. If yes, how many acres have you planted to cover crops? Percentage	12 2%	46 7%	39 6%	138 20%	205 30%	249 36%	689

16 .Is there a topic you would like to hear about during next year's training?
Any new studies on pit additives or N-inhibitors/stabilizers
Benefits of different, specific application types - inject/cover discs/vti coulter and the pros/cons of each
Comparison of cost of hauling with a tractor and tank vs semi tanker by distance to field. Good topics!
confinement gas build-up
Continue educating about cover crops and practicality of them. Latest injector styles and value to switch from something older.
Cost effectiveness of different grid size (1, 2.5, 5 10 acres; does 1 acre pay for the rest?). Carbon and its selling and buying - the government issues on it, buy & sell.
cover crops
cover crops related to manure application
cover crops with manure
Deep pit management of solids accumulation. What products work best for liquifying solids or breaking them down for an easier pit clean out and information on what happens to manure analysis when these products are used (increase or reduction in any nutrients in manure after use of products). Nitrogen stabilization products for manure and information about equipment or methods regarding mixing or application of stabilization.
Different cover crops
Different kinds of cover crops that add fertility to your soil
Discussion on N & P was good, but a bit hard to understand the speaker
Economics of N stabilizers like Instinct
Enjoy the agronomy topics.
facilities are ridiculous for acoustics; improve by adding stand alone speakers
Foam - cause/effect, how to manage it and treat it? Best time to apply liquid manure - spring/fall?
goats
Good meeting Kris!
Great choice of topics this year.
Ground temp and air temp impact on manure application - more so warm ground temp
How long before chicken manure makes a difference
How long to stir a pit to get a good mixed manure sample.
I always like economic discussions.
I like it when you show examples of spills, etc
If you practice very good long term no till over 25 years, what is the dissolved P in drainage tile water?
Impacts of cover crops, different types of cover crops
Is there a good time to sample pit over other times?
Is there a way to separate and store N from manure so a farmer could either split apply N or sell additional N? If this is possible could the leftover manure (less N) be used to fertilize soybeans when yields are already in the 70 bu/ac yield range and looking to increase that.
Manure econics was good.
minimum till to stop erosion instead of spending money on cover crops
More on application
N Stabilizers
N tie up from cover crop in early spring
pit gases
Pit treatments and biologicals
poultry, dry litter
Pros and cons of different manure injectors
Soil health with cover crops
Something more applicable to the applicators and not just for farm owners
Something pertaining to dairy only. Less videos, engage group. I realize this year is different.
something related to custom manure hauling
strategies for phosphorus reduction
Swine biosecurity/disease risks with manure application
The cost of using N stabilizer with liquid swine manure and the value of it.
toolbars and better application
Yield loss caused by dragline system from application at angle which causes streaking and uneven ear weight on corn and 2 stages difference in growth stage.