

2013 Commercial Manure Applicator Certification Evaluation
Iowa State University Extension and Outreach

Responses from 1/4/13 Statewide Program 405 Total of all Responses Collected: 1,216

| Section 1- Please rate today's information | Excellent | Good | Fair | Poor | No Response | Total Responses |
|--|---|------------------|--------------------|--|------------------------|------------------------|
| 1. Rules Update | 414 34% | 690 57% | 103 8% | 7 1% | 2 0% | 1,216 |
| 2. Liability Issues | 384 32% | 668 55% | 145 12% | 17 1% | 2 0% | 1,216 |
| 3. Iowa One Call | 329 27% | 579 48% | 198 16% | 98 8% | 12 1% | 1,216 |
| 4. Nutrient Reduction Strategy | 269 22% | 539 44% | 279 23% | 123 10% | 6 0% | 1,216 |
| 5. Water and Manure Movement | 312 26% | 625 51% | 191 16% | 49 4% | 39 3% | 1,216 |
| Section 2- Overall evaluation: | Agree | Undecided | Disagree | Does Not Apply | No Response | Total Responses |
| 5. The information presented today was useful to me as a commercial manure service representative? | 871 72% | 206 17% | 83 7% | 33 3% | 23 2% | 1,216 |
| 6. The presenters were prepared and knowledgeable. | 1037 85% | 137 11% | 11 1% | 7 1% | 24 2% | 1,216 |
| Section 3- For Commercial Manure Business Owners or Managers ONLY | | | | | | |
| 1. What kind of manure injection/incorporation equipment are you using? | Yes | No | No Response | How many units do you have? | Total Responses | |
| a. Disc covering units | 296 24% | 9 1% | 911 75% | See Number of Injection Incorp Equip Tab | 1,216 | |
| b. Knife | 286 24% | 9 1% | 921 76% | | 1,216 | |
| c. Wide Shank | 86 7% | 17 1% | 1113 92% | | 1,216 | |
| d. Harrow | 21 2% | 15 1% | 1180 97% | | 1,216 | |
| e. Other: | Please see Sec 3e. Other Applications Tab | | | | | |
| 2. For liquid application do you use the following? | Tank | Drag-Hose | Both | Irrigation | No Response | Total Responses |
| | 471 39% | 102 8% | 103 8% | 9 1% | 531 44% | 1,216 |

Section 3- For Commercial Manure Buiness Owners or Managers ONLY

1. What kind of manure injection/incorporation equipment are you using? How many pieces of equipment do you have?

| | | |
|------------------------|-----------------------------------|---|
| a. Disc covering units | Number of responses 296 | How many do you have? 0=5, 1=17, 2=15, 3=9, 4=3, 6=10, 12=1, 18=1, 20=2, No Response=238 |
| b. Knife | Number of responses 286 | How many do you have? 1=25, 2=9, 3=6, 4=4, 6=1, 7=1, 8=2, 9=1, 18=1, 600=1, No Response=235 |
| c. Wide Shank | Number of responses 86 | How many do you have? 1=7, 2=5, 3=1, 4=2, No Response=71 |
| d. Harrow | Number of responses 21 | How many do you have? 1=7, 8=1, No Responses=13 |
| Other: | See page 3. Other Applications | |

Section 3, E Other Application Equipment

2 Dix Vertical Tillage with outlet between 1

30' coulter/soil warrior cog

All coulter injection

All dry

Anhydrous Application

apply manure behind wavey coulter, the cover with covering discs. Works and covers excellent.

Belt trailers

Broadcast

Broadcast

Center pivot

Chisel spray pan and mixed in

Coulter till

Coulter-till

Dietrik No-till knife

Disc dry litter in.

Disk chisel spray pan in front

Disk injection Mole

Do not incorporate

Dry

Dry chicken litter Tebbe NMS

Dry litter spreader

dry manure

Dry manure

Dry manure

Dry manure

Dry manure application

Dry Manure Application business

Dry manure applicator

Dry Poultry litter

Dyno Drive

| |
|---|
| Hauling |
| Hauling & stock piling |
| Hauling of dry manure only |
| Just a trucker |
| Just haul chicken litter--don't apply |
| Notched wavy coulter followed by covering discs. |
| No-till coulter injection bar |
| Rip |
| Side Dump |
| Side dump |
| Side Dump |
| Single 24" disc on angle |
| Soil warrior by environmental tillage systems |
| Soil warrior by ETS |
| Sprays out back no incorporation |
| Spread and disc in |
| Spread and disc in |
| Terragater-Dry spreader |
| Terragater-Dry Spreader |
| Terragater-Dry Spreader |
| Transportation of dry manure only. |
| Truck |
| Truck spray fields |
| Trucker |
| Trucker |
| Trucker, just haul it |
| Trucking company |
| vertical injector coulter-1 |
| Vertical Tillage bar w/ blue jet closers |
| Vertical tillage injection |
| Vertical tillage injector |
| Vertical Tillage openers w/ Blueject closers |
| VTI Vertical Tillage Injection |
| VTI Vertical Tillage Injection-large wavy coulter, injector, 2 small covering discs, very little ground disturbance |
| Wave Coulters |
| Wave Coulters |
| Wave Coulters |
| We spread dry chicken liter with box spreaders |
| Yetter No-till (Don't use in Iowa) |
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