



▶ CARLY MCGINTY
WINONA COUNTY
FEEDLOT OFFICER
507-457-6580
CMCGINTY@CO.WINONA.MN.US



▶ CHUCK ZAUNER
WINONA COUNTY
SEPTIC/FEEDLOT OFFICER
507-457-6447
CZAUNER@CO.WINONA.MN.US

Feedlot News



Harvest season is fast approaching, be prepared for everything.

Planning for Fall Manure Applications

University of Minnesota Extension



1: Start prepping equipment to make sure everything's looking good for fall application. Contact either the Winona County SWCD or the Winona County Feedlot officer for manure spreader calibration.

2: Plan ahead for which crops will receive manure application. MPCA regulations for maximum application rates can be found at www.pca.state.mn.us/sites/default/files/wq-f6-26.pdf.

3: Wait until soil temperatures are below 50 degrees Fahrenheit. At these cooler temperatures nitrogen is more likely to stay in the organic form of ammonium. In warmer soil temperatures, nitrogen converts to nitrate, a form that can be lost more quickly.



4: If you want to apply 1-2 weeks prior to 50 degree soil temperatures, UMN related studies have shown some indications that applying with a nitrification inhibitor may help, however nitrification inhibitors don't last long enough for September applications.

5: If you're going to apply in late summer or early fall following sweet corn and canning crops, get a cover crop on the field to preserve some of the nitrogen within the soils.

6: Keep weather conditions in mind. If you're surface applying, don't put it on one or two days before a large rain event is anticipated.

7: Incorporate manure within 24 hours.

8: Safety is key when handling manure since gases can build up and cause human health or combustion issues. Have an emergency plan in place and avoid working alone near manure storages, especially if the manure has recently been moved or is being actively agitated.

If you have a manure spill occur call the Minnesota Duty Officer: 1-800-422-0798 or (651) 649-5451 and then call the Winona County Feedlot Officer (507) 457-6580 immediately.



Manure/Nutrient Management

The next Manure Management Workshop will be held on Tuesday, November 6th, 2018. There will be two sessions one at 9:00 AM and one at 1:00 PM. To register or for more info:

Email cmcginty@co.winona.mn.us

MPCA rules require every feedlot over 100 animal units to keep land application records.

Let us help you update your records.

BENEFITS OF COVER CROPS



The winter months can be a great time to plan for the upcoming growing season. Having a Manure Management Plan (MMP) is an extremely helpful tool for producers. The plan can be useful by showing where you need more or less nitrogen to produce optimum crop yields. Ultimately it can save you money by reducing the amount spent on excess fertilizers.

• Manure Spreader Calibration • Manure Nutrient Testing

One important part of having a MMP is knowing how much manure your manure spreader is actually putting on the fields. Each spreader applies manure at different rates getting it calibrated will help determine how much manure you need. You can get your manure spreader calibrated for **free**, just call Amanda Gentry (Winona County SWCD) at 523-2171 Ext. 114 or Carly McGinty (Winona County Feedlot Officer) at 457-6580 for details and to schedule your calibration.

Having an MMP or getting your manure spreader calibrated means very little if you don't know the nutrient content of your manure. Get each of your manure types tested so you have a better understanding of how much nitrogen you are applying to your fields.

It's recommended that if you haven't had your manure tested in the last 4 years to get it tested once a year for 3 years to get an average nutrient content. Then get it tested once every 3 years thereafter.

Increase:

- + \$\$ Net income per Acre
- + Rainfall Infiltration
- + Organic Matter
- + Yield

Decrease:

- Fertilizer Inputs
- Soil Erosion
- Weed Pressure

For more information on cover crops and cost/share opportunities contact Lance Klessig with the Winona County SWCD at (507)523-2171 Ext. 108 Lance.Klessig@winonaswcd.com

Tips and Tricks

- The winter time can be a rough time for liquid manure management because of the freezing temperatures and limited storage. Always be mindful when spreading, pumping, transporting and agitating liquid manure to avoid spills.
- Dry animals are happy animals which take less to feed because they are not using so much energy to move and are less likely to develop diseases.

- If you have any question relating to feedlot rules to call Winona County Feedlot Officer, Carly McGinty (507)457-6580 or email at cmcginty@co.winona.mn.us.



Check out the Winona County Feedlot webpage for tools you can use and for updates on feedlot rules and regulations. www.co.winona.mn.us/page/2848

