

## Nicollet County Emergency Manure Application Areas (EMAA)

**Purpose:** This checklist is for emergency situations when feedlot owners must land-apply liquid manure without incorporation to prevent storage areas from running over. It applies to any feedlot in Nicollet County that meets the following conditions:

- Has 300 or more animal units
- Has liquid manure
- Is required to incorporate land-applied manure within 24-hours

**Additional Information Needed:** Please include aerial photos or other documentation of the fields to be used for manure application. Clearly identify where the manure will be applied. Also include the location of any tile intakes, ditches, and surface waters.

**Sign and Submit:** Sign and date the bottom and return this completed form to Nicollet County Property Services. You will receive notification once your plan has been approved.

**Time line:** This Emergency Manure Application is only for September 1, 2019 – June 1, 2020. **The feedlot owner, land owner/renter if manure ownership is transferred, and Commercial Animal Waste Technician (if employed), are responsible for the surface application and any runoff to waters of the State that may occur.** Liquid manure application is limited to 3,500 gallons per acre and not to exceed 60 pounds of available phosphorous per acre. Incorporation must be completed as soon as conditions allow.

**It is a good policy to notify residents within 1 mile of your spreading area, prior to application, explaining the emergency situation.**

	Yes	No	Not applicable	Practices
<b>Alternatives to using the EMAA</b>				
1				If you know of any suitable permitted unused or empty manure storage areas nearby for your temporary use, do you have a reason for not using them? Explain: _____ _____
2				If the manure is not spread this fall/winter, will the storage area run-over? Is use of the EMAA critical to prevent overflow?
<b>Field conditions at the EMAA</b>				
3				Are fields with low slopes (<6% for solid manure and 2% for liquid manure) and high residue cover (>30%) to be used?
4				Are the emergency application areas more than 300 feet from all lakes, streams, intermittent streams, public wetlands, open tile intakes, and wells?
5				Will the emergency application areas be more than 1000 feet from a community well?

	Yes	No	Not applicable	Practices
6				Is the field tilled along the contour of slopes with deep enough furrows to store some snowmelt water? (no tillage up and down slope)
7				Are the fields used for emergency application outside of designated floodplain areas?
8				Does the field have high crop residue and other soil conservation practices? Explain: _____
<b>Application Rate and timing</b>				
9				Is the emergency application area land that has not received manure applications this cropping year?
10				Will phosphorus application rates be less than 90 lbs per acre of P2O5? If no, what is the total phosphorus application rate: _____
11				Will the application rate be low enough to prevent runoff or ponding during the application process?
12				Will you avoid application on snow to prevent contaminated snowmelt runoff?
13				Will the application be done when there is a 50 percent chance of rainfall of 0.25 inches or more?
14				Will you only remove enough manure to make room in your storage area to get you through the winter? If no, explain why: _____
<b>Notification and records</b>				
You must maintain and submit a copy of the emergency manure application records to Nicollet County Property Services Department prior to the land application. This application is only valid during the current emergency situation. Future situations require a new application submittal and approval prior to spreading.				

**Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Feedlot Address:** \_\_\_\_\_

**Phone number:** \_\_\_\_\_ **Cell :** \_\_\_\_\_

**Return to:**  
**Deanna Biehn County Feedlot Officer**  
**Property Services**  
**Nicollet County Government Center**  
**501 S Minnesota Ave**  
**St Peter MN 56082**  
**507-934-7073**