

FEEDLOT NEWSLETTER



FALL 2019 | WINONA COUNTY |



PROS & CONS OF LAND APPLICATION TIMING

University of Minnesota Extension

FALL

- PRO: Manure with high organic matter may have more time to break down.
- CON: There is more time for nutrient loss, especially if soils are warm
- RECOMMENDATION: Apply after soil temperatures are below 50°F

WINTER

- PRO: Compaction is minimal.
- CON: Nutrients will be lost.
- RECOMMENDATION: Apply only if necessary. Apply on grounds with little to no slope at a low rate.

Call the MN Duty Officer for every manure spill
(651) 649-5451 or 1-800-422-0798

SPRING

- PRO: Chances of losing nutrients is lower.
- CON: Manure with high organic matter may have less time to break down and nitrogen release may be slower than expected.
- RECOMMENDATION: Wait until all snowmelt has occurred and the soil is completely thawed.

SUMMER

- PRO: Can apply directly to a growing crop and reduce nutrient losses.
- CON: Needs specialized equipment.
- RECOMMENDATION: Inject or incorporation between rows as soon as possible.

5 PRINCIPLES OF SOIL HEALTH

1. ARMOR THE SOIL
2. MINIMIZE SOIL DISTURBANCE
3. INCREASE PLANT DIVERSITY
4. KEEP LIVING ROOTS IN THE SOIL
5. INTEGRATE LIVESTOCK GRAZING



Winona County

Feedlot Officer

Carly McGinty

(507) 457-6580

cmcginty@co.winona.mn.us

MANURE STOCKPILING

SHORT-TERM STOCKPILING (NOT ON CONCRETE PAD)

- Cannot be stockpiled for more than one year
- Must be rotated to a new location every year
- Cannot be on land with greater than 6% slope
- Cannot be located within:
 1. 100 ft. from private well
 2. 100 ft. from field drain tile
 3. 300 ft. from surface water, sinkholes, rock outcroppings, open tile intakes, or uncultivated wetlands.
 4. 300 ft. from a road ditch that leads to anything in #3 or 50 ft. from a road ditch when #3 does not apply.



**Be careful agitating liquid manure storages (LMSA). LMSAs are anaerobic systems which produce Hydrogen sulfide, methane, and other gases. Death from Hydrogen sulfide gas can occur in less than 30 minutes.

ADVANTAGES OF COVER CROPPING

1. Building Soil Health
2. Nutrient Retention
3. Erosion Control
4. Weed Reduction



*“Money is like manure.
It stinks when you pile it;
it grows when you spread it.”*

-J. R. D. Tata

UPCOMING FEEDLOT EVENTS

DECEMBER 3-5

Minnesota Dairy Expo
Treasure Island, Red Wing

DECEMBER 12-14

Minnesota State
Cattlemen's
Association Conf.
Willmar Conference
Center

JANUARY 22-23

Minnesota Ag Expo
Mankato Convention
Center

FEBRUARY-MARCH

Winona County
Feedlot Workshop
Date & Topic is to be
determined

