



Worksheet 5-1

Manure Nitrogen Credits for Prior Years (Credits must be calculated for the 2 previous years)

Farm/Tract _____

Field _____

Last Year 2 Years Ago

1. Organic Nitrogen

_____%N - _____%NH₄-N = %Organic N (Last year)

_____%N - _____%NH₄-N = %Organic N (2 years ago)

- Values are from the manure analysis.
- If no analyses were performed, use average analyses.
- See "Manure Summary Report" in Chapter 4 for average manure analyses.

2. Mineralization Rate

- Refer to the *Infocard* for the mineralization rate for the appropriate animal species year (last year or 2 years ago).

3. Conversion Factor

- Conversion factor is 20 if the units are lbs/ton.
- Conversion factor is 0.0837 if the units are lbs/1000 gallons.

4. Application Rate

- This is the amount of manure applied in each year.
- Enter the rate as tons/acre or gallons/acre.

5. Nitrogen Credit

- Expressed as lbs/acre.
- Multiply #1 x #2 x #3 x #4.

$\% \text{ Organic N } \times \text{ Mineralization Rate } \times \text{ Conversion Factor } \times \text{ Application Rate } = \text{ N Credit}$
