

Lower Loup
 Natural Resources District
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Groundwater Management Area Annual Report Form

This form can be used for one field, up to 200 acres, if it is under one crop.
USE ONE FORM PER FIELD
 Attach copies of aerial photo, soil and irrigation water test results.

Name _____
 Address _____
 City _____ State _____ Zip _____
 Phone _____ Nitrogen Certification # _____
 (From certification card)

For land described in this report, I am:
 Tenant (Please list landowner's name)

 Landowner (Please list tenant's name)

Field Name _____ Total acres represented on this form _____
 (Ex: Smith Place)
 Field Location _____ 1/4 of the _____ 1/4 of Section _____, T _____ N R _____ (E or W) County _____
 FSA Information: Farm Number _____ Tract Number _____ Field Number _____

Soil Test Information	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
1. Soil Sample Identification Number					
2. Area Represented per sample (acres) <small>No more than 40 acres per sample</small>					
3. Soil Nitrate Test Results (as ppm NO ₃ -N) <small>From lab report</small>					
4. Residual Soil Nitrogen (NO ₃) <small>Multiply Line 3 by 0.3 per inch of soil sample depth. Average all samples and place on line 11. (pounds per acre) Example: A lab report shows 5 ppm of nitrate in a 36 inch sample, so 0.3 x 36 inches x 5 ppm = 54 pounds of nitrogen per acre</small>					

Field Information	Explanation	Current Year
5. Water Nitrate Results	From Lab Report. (As ppm NO ₃ N)	
6. Crop Planted	(Corn, Soybeans, Grain Sorghum, Potatoes, etc.)	
7. Expected Yield	5 Year average plus 5% (bushels or tons per acre)	
8. Total Nitrogen Needed for Above Yield	For corn (grain), multiply Line 7 by 1.3. (pounds per acre)	
9. Nitrogen Available from Water Applied	Multiply Line 5 x .23 x Expected Inches of Water Applied (pounds per acre)	
10. Nitrogen Available from Manure	(pounds per acre)	
11. Residual Nitrogen Available in Soil	Average of values in Line 4. (Pounds per acre)	
12. Nitrogen Available from Previous Crop	If a legume (soybeans, alfalfa, etc.) (pounds per acre)	
13. NRD Nitrogen Recommendation	Line 8 minus Lines 9, 10, 11, and 12. (pounds per acre)	

Water Source:
 Groundwater
 Surface Water
 Reg. or permit number

Was nitrogen inhibitor used?
 Yes No
 If yes, amount applied

After Harvest Information

Nitrogen applied pre-plant or pre-emergent _____ pounds per acre Actual Yield _____ bushels or tons per acre
 Nitrogen applied side-dress or post-emergent _____ pounds per acre Actual Water Applied _____ inches/acre
 Metered Estimated

I certify that to the best of my knowledge the above information is accurate and correct.

 Signature

 Date