

# Tri-Basin Natural Resources District - 1723 Burlington, Holdrege, NE 68949

toll free 1-877-995-6688 or local calls dial 995-6688

## Annual Nitrogen Management Crop Report for growing season 2024

Form may be used for up to 160 acres.

FORM DUE DECEMBER 31, 2024

<b>SECTION A</b>	Landowner _____ or Operator _____	Email Address _____
<b>Contact Person</b>	Company _____	
Address _____		Home Phone _____
Nitrogen Certification # _____	Expiration Date _____	Mobile Phone _____

<b>SECTION B</b>	Field Name _____	Water _____
<b>Field Description</b>		Source ID [G or A = Well - C = Canal]
Well Location _____	Section T N W _____	County _____

<b>SECTION C</b>	<b>Water Applied</b>	Groundwater _____ inches per acre	- Surface water _____ inches per acre	
<b>Field Information</b>				
For each crop list acres irrigated by the water source shown above. For Corn, rows 1-13 must be filled in. For beans and other crops [please list], required information in rows 1, 4 and 10-13. If this water source was not used please write across the form NOT USED and explain why				
CROP	CORN	BEANS	OTHER	
1. Total Irrigated acres in field				
2. Expected Yield {EY} [Past 5 year average + 5 %]				
3. Total Nitrogen needed for expected yield [Ex. corn = EY x 1.2 + 35 = N]				
All wells in the Groundwater Management Area must be sampled yearly. For best results this sample should be taken in the middle of the irrigation season. Results from the sample you take this year should be reported on next years report in row 4. If you didn't get a water sample last year, contact Tri-Basin NRD to get the average nitrate number for your area.				
4. Water Nitrate in ppm [NO3 - N] [Irrigation Wells Only]				
5. Nitrogen available from 9 inches of water [2 x ppm on Line 4 = Lbs. of N]				
6. Residual Nitrogen available from soil				
7. Nitrogen available from past crop [Ex: alfalfa, clover, or soybeans]				
8. Total available residual Nitrogen [Line 5 + Line 6 + Line 7]				
9. TBNRD Nitrogen recommendation [Lbs./Acres] [Line 3 - Line 8]				
10. Actual Nitrogen Applied to crop [lbs per acre]				
11. Actual Yield per acre				
12. Tillage Practice Applied [No till, Minimum till, Ridge till, Conventional till]				
13. Crop Rotation [Corn/Beans, Continuous Corn, Ecofallow etc...]				

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

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

\_\_\_\_\_  
**[Signature of Landowner or Operator]**

# Crop Report Checklist

## 1. Before and during the growing season

- A. Fill out sections A & B of the current year crop report. (Water & soil test should be taken before fertilizer is applied for current crop.)
- B. Consider limiting total nitrogen fertilizer application to amount calculated using crop report and worksheet.
- C. Keep a record of total nitrogen fertilizer applied (pounds of actual N). Note if any nitrogen was applied during the growing season.
- D. Note whether or not a nitrogen inhibitor (Nserve™ or similar products) was used.

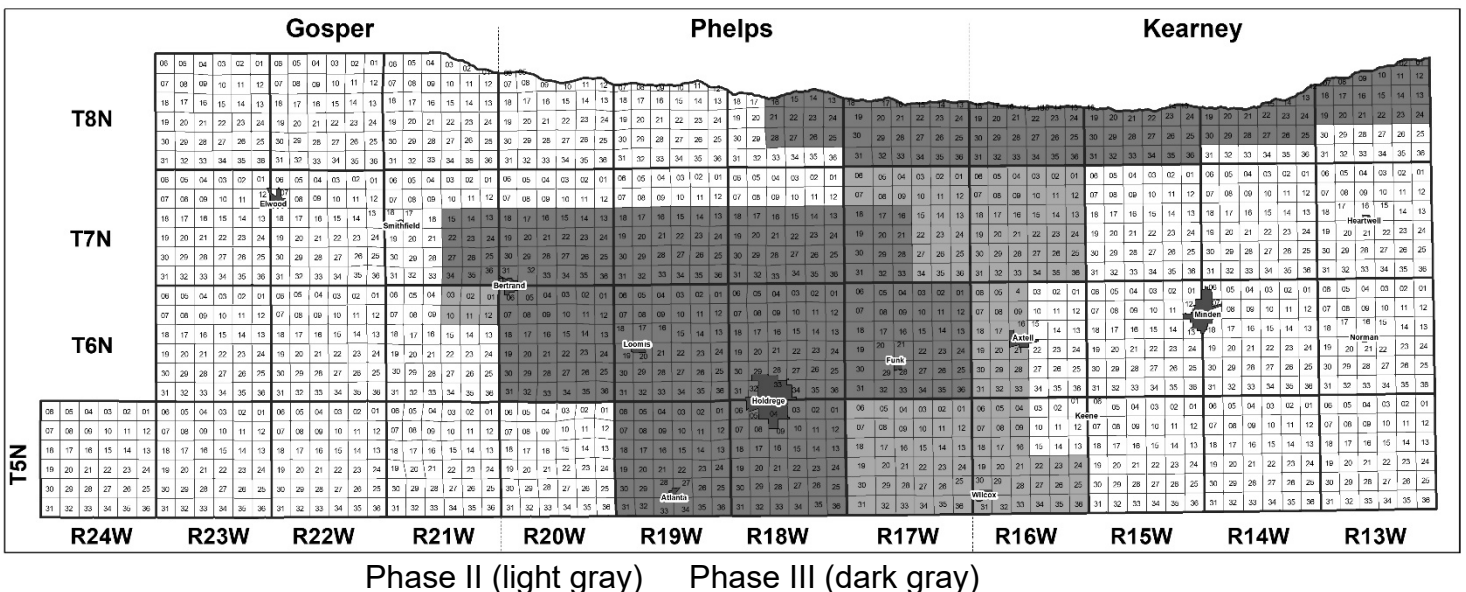
## 2. During irrigation season

- A. Take a water sample from each irrigation well. Send samples to a lab for nitrogen analysis. (These results will be used on next year's report). Sample bottles can be picked up and dropped off at the NRD office.
- B. Keep a record of acre-inches or gallons of water applied.

## 3. During and after harvest

- A. Keep a record of crop yields for each field.
- B. Fill out Nitrogen, tillage practice used, crop rotation & yield for each crop for the current year with actual nitrogen applied, and irrigation water applied. Landowner or Farm Operator needs to **sign and deliver to Tri-Basin NRD by December 31.**

# Tri-Basin Natural Resources District Groundwater Quality Management



Phase II (light gray)    Phase III (dark gray)