



**2016 Phase III Annual Report
Bazile Groundwater Management Area
USE ONE FORM PER CROP and FIELD!**

Submit to LCNRD by **April 1, 2017**

Owner:	Operator:
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Crop Consultant:	Section
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PART I - GENERAL FIELD INFORMATION: Please include a current aerial photo.				
FSA Farm #:	FSA Tract #:	County: Knox	Crop Year: 2016	
Legal Description:	Acres in Field:			
Field Name:	Total Season Rainfall (if known):		inches	
Is this field irrigated?	LCNR Well # or Well Registration # (if applicable):			

PART II - 2016 CROP INFORMATION:		Crop Planted 2016	Sketch field & crop layout	
1.	Acres Planted	2016 Crop Yield	bu/ac	If N fertilizer was not applied in 2016 skip to PART III.
2.	Water Nitrate Results: Most recent irrigation sampling results for your well - provided with annual report packet.			ppm NO ₃
3.	Average Nitrogen available from the soil: Soil test results from fall 2015 or spring 2016- see instruction sheet.			lb N/ac
4.	Irrigation Water Applied (if irrigated) (check one) <input type="checkbox"/> Measured <input type="checkbox"/> Estimated			inches
5.	2016 Commercial Nitrogen Application:	2016 pre-plant/pre-emerge.	Total lbs/ac	List Types of N:
		2016 post-emerge/sidedress/chemigation.	Total lbs/ac	List Types of N:
6.	N Inhibitor Use:	Name of inhibitor used.	Acres Treated.	

PART III - 2017 CROP GOALS:		Planned 2017 Crop.	acres	If N fertilizer is not planned in 2017 skip to end.
7.	Yield Goal.	= 5 year average plus 5%. (avg x 1.05)		bu/ac
8.	Total Nitrogen needed to meet yield goal.	= (Line "7" x 1.2) + 35 (for corn).		lbs/ac
9.	Nitrogen available from 6 inches of water.	= Line "2" x 1.3.		lbs/ac
10.	Nitrogen available from 2016 legume crop.	For soybeans use 45 lbs/ac – for alfalfa see instruction sheet.		lbs/ac
11.	Nitrogen available from manure.	See instruction sheet		lbs/ac
12.	Type of Manure Applied.	Method of Manure Application.		
13.	Soil Nitrate available to crop.	= 8 x Line "D" (from PART IV).		lbs/ac
14.	Organic Matter N available to crop.	= 0.14 x Line "7" x Line "E" (from PART IV).		lbs/ac
16.	NRD Nitrogen recommendation.	= Line 8 – Lines 9, 10, 11, 13, and 14.		lbs/ac

PART IV - Fall 2016 or Spring 2017 Deep Soil Sample Results:		Sample #1	Sample #2	Sample #3	Sample #4	Sample #5
A.	Soil Sample Identification Number. (from lab report)					
B.	Acres represented per sample. (Approx. 40ac / sample).					
C.	Nitrogen available from the soil - using weighted average to represent soil profile. See Instruction Sheet.	ppm	ppm	ppm	ppm	ppm
D.	Average Nitrogen available from the soil. avg line "C".	ppm		Use this value to calculate Line 13 - Part III.		
E.	% Organic Matter - If less than 1.0% use 1.0, if more than 3.0% use 3.0, otherwise use actual %.					
F.	Average Organic Matter = average from line "E".	% OM		Use this value to calculate Line 14 - Part III.		

I certify that to the best of my knowledge the information I have provided for this report is accurate and correct.

Signature _____ Date _____