

2022 Phase III Annual Report Bazile Groundwater Management Area

USE ONE FORM PER CROP and FIELD

Submit to LCNRD by April 1, 2023

Owner:					_	Operator <u>or</u> Owner/Operator								
Cell Phone Number:						Cell Phone Number:								
Do you work with a Crop Consultant? Yes No Name of Crop Consultant (if used):						Section								
PART I - GENERAL FIELD INFORMATION: Include a current aerial photo with fields marked.														
Fiel	d Name				County Knox Crop Year 2022						•			
Lega	al Description													
Acre	es in Field	N Cer	N Certification Expiration:							.4				
Is this field irrigated?			LCN	NRD Well # or	egistration # (ifapplicable):						٠			
PAR	PART II - 2022 CROP INFORMATION:			p Planted 202					Sketch field & crop layout					
1.	Acres Planted 2022 Crop Yield					bu/ac Complete even if no Nitrogen ferti							s applied	
2.	Water Nitrate Results: Most recent irrigation sampling results for your well - provided with annual report packet. ppm NO-													
3.	Average Nitrogen available from the soil: Soil test results from fall 2021 or spring 2022 - see instruction sheet.													
4.	Irrigation Water Applied (if irrigated): (check one) ☐ Measured ☐ Estimated											inches		
5.				nt/pre-emerge						List types of N				
	Nitrogen Applied	Check box if none applied				Total lbs/ac								
		_	erge/sidedress/chemiga one applied		tion Total lbs/ac			lbs/as	List typ applied					
6.	2022 Nitrogen		Acres treated											
	Inhibitor Use	List name of inhibitor used or check box if none applied				with inhibito								
7.	Cover Crop Use Type:					anted in: 2022						None p	lanted 🗌	
PART III CROP GOALS: 2023 Planned 2023 Crop						# acres	cable for this field							
8.	Yield Goal =					5 year average plus 5% (avg x 1.05)							bu/ac	
9.	Total Nitrogen needed to meet yield goal =					(Line " <u>7</u> " x 1.2) + 35 (for corn)							lbs/ac	
10.	Nitrogen available from 6 inches of water =					Line "2" (from Part II) x 1.3							lbs/ac	
11.	Nitrogen available from 2022 legume crop				For so	or soybeans use 45 lbs/ac – for alfalfa see instructions						lbs/ac		
12.	Nitrogen available from manure Se					See instructions							lbs/ac	
13.	List type of manure applied					List method of manure application								
14.	Soil Nitrate available to crop = 3				= 8 x L	8 x Line "D" (from PART IV)							lbs/ac	
15.	Organic Matter N available to crop = 0				= 0.14	0.14 x Line "<u>7</u>" x Line "<u>F</u>" (from PART IV)							lbs/ac	
16.	UNL Nitrogen recom	- Lines 9	9, 10, 11, 13, and 14							lbs/ac				
PAR	T IV – Fall 2022 or Spr	ts:	Sample #1	Sa	Sample #2 Sample #3		Samı	ole #4	Sample #5					
A.	Soil Sample identific													
В.	Acres represented per sample (Approx. 40ac / sample)													
C.	Nitrogen available from the soil - using weighted averag to represent soil profile See Instruction Sheet					ppm		ppm		ppm		ppm	ppm	
D.	Average Nitrogen available from the soil. avg line "C"					ppiii		ppm	Use th		to calcu		e 13 – Part III	
E.	% Organic Matter –													
F	than 3.0% use 3.0, o			0/	OM	l lea ti	nis value	to calcu	late Line	14 - Part III				