

2023 Phase III Annual Report Bazile Groundwater Management Area

USE ONE FORM PER CROP and FIELD

Submit to LCNRD by April 1, 2024

									/						
Owner:					Operator <u>or</u> Owner/Operator:										
Cell Phone Number:						Cell Phone Number:									
Do you work with a Crop Consultant?						No Section									
Name of Crop Consultant (if used):													ection	_	
PART I - GENERAL FIELD INFORMATION: Include a confield Name					current aerial photo with fields marked. County Knox Crop Year 2023							1	**		
Legal Description				County Miox Crop real 2023											
Acres in Field				N Certification Expiration:										1	
Is th	Is this field irrigated?			LCNRD Well # or Well Registration # (ifapplicable):											
PART II - 2023 CROP INFORMATION:			Crop Plan	ted 2023							Sketcl	Sketch field & crop layout			
1.	Acres Planted		· ·	023 Crop Yield		bu/ac Complet		Complete	e even if no Nitrogen ferti						
2.	Water Nitrate Res	er 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 2022 or spring 2023 - see instruction sheet.											lb N/ac			
4.	Irrigation Water Ap	☐ Measured ☐ Estimated							inches						
5.	2023 Commercial	nt/pre-eme	t/pre-emerge						List types of N						
			none applied					Total lbs/ac		applied					
		merge/sided		igation				,	List typ	es of N					
6.	2023 Nitrogen	Check box if none applied ☐ Nitrogen List name of inhibitor used or				Total lbs/ac				# of Acres					
0.	Inhibitor Use	check box if		treated with inhibitor											
7.	Cover Crop Use: None planted □					Planted in: 2022 2023 Planne							ed for 2024 🗆		
PAR	T III CROP GOALS: 2	ned 2024 Cr	op	# acres Complete all informa							ion applicable below				
8.	Yield Goal =					5 year average plus 5% (avg x 1.05)							bu/a	ас	
9.	Total Nitrogen needed to meet yield goal =				(Line "8" 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 2023 legume crop				For soybeans use 45 lbs/ac – for alfalfa see instructions							lbs/ac			
12.	Nitrogen available from manure S				See instructions								lbs/	ac	
13.	List type of manure applied				List method of manure application										
14.	Soil Nitrate available to crop = 8				8 x Line "D" (from PART IV)								lbs/	ас	
15.	Organic Matter N available to crop = 0				0.14 x l	0.14 x Line "<u>8</u>" x Line "<u>F</u>" (from PART IV)							lbs/	ас	
16.	UNL Nitrogen reco	nes 10, 11, 12, 14, and 15								lbs/a	ас				
PAR	ART IV – Fall 2023 or Spring 2024 Deep Soil Sample Results:					Sample #1	Sample #2 Sar		Samp	le #3	Sample #4		Sample #5	5	
A.	Soil Sample identification number (from lab report)														
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	ppı	m	
D.	Average Nitrogen available from the soil. avg line "C"					la berre		ppm	Use th	• • • • • • • • • • • • • • • • • • • •	to calcul		14 – 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	l Ico th	ic value	to calcul	ate Line	15 - Part III		

Report #