

## Lower Elkhorn NRD Phase Area Controls

Phase 2 Area	Phase 3 Area	Phase 4 Area
Fall and winter application of commercial nitrogen fertilizer prohibited between October 15 and March 15	Continue all Phase 2 Area controls	Continue all Phase 3 controls
Operators who apply commercial nitrogen must be certified by district	Require use of district approved nitrogen inhibitor if applying more than <b>50</b> pounds of commercial nitrogen in any single application (after March 15)	Require annual irrigation water sampling
Submittal of annual field reports to district by March 15th of each calendar year		Require deep soil sampling (24 inches) in all fields planted to corn (regardless of crop rotation)
Require deep soil sampling (24 inches) in fields planted to continuous corn	<b>Any single application of commercial nitrogen fertilizer in excess of 80 pounds per acre is prohibited</b>	Nitrogen application rate determined in consultation with the district
Require irrigation water sampling once every four years	<b>Require deep soil sampling (24 inches) in all fields planted to corn (regardless of crop rotation)</b>	Compliance with district approved crop rotation plan
<b>Any single application of commercial nitrogen fertilizer in excess of 80 pounds per acre is prohibited</b>	<b>Require the development and adherence to a district approved Nutrient Management Plan</b>	Required use of cover crops
<b>Require use of district approved nitrogen inhibitor or stabilizer if applying more than 50 pounds of commercial nitrogen in any single application (after March 15) and provide documentation to verify use along with proper application rate</b>	<b>Require annual irrigation water sampling</b>	Provide receipts and supporting documentation to verify fertilizer purchases, application amounts and crop production history