



Bazile Groundwater Management Area

Groundwater Quantity Management Report Form

Please submit to the Upper Elkhorn NRD office by December 1st following harvest



Name and Address:

Phone Number:

Field Information

Crop Year _____ (year crop was grown)

Legal Description _____

County _____

NRD _____

Crop _____ (if multiple crops are planted on one field, list each crop)

Pivot Information

Pivot Type _____

Nozzle Package _____

Soil Type _____

Beginning Engine Hours _____

Ending Engine Hours _____

Beginning System Hours _____

Ending System Hours _____

Irrigation Water Nitrates (ppm) _____
(Nitrate Concentration in irrigation water)

Nitrogen Credit (lbs/acre) _____
(ppm*inches applied*0.23)

Yield Goal (bu/acre) _____
(average of previous 5 years yield plus an additional 5%)

Actual Yield (bu/acre) _____

Irrigation Applications

Acres Irrigated _____

Flowmeter Type _____

Model _____

Average Flow Rate (gpm) _____
(Enter average flowrate during season)

Beginning Reading _____ Date _____

End Reading _____ Date _____

Total Units _____

Total Amount Pumped _____
(Gross irrigation, enter amount in acre inch)

Total Seasonal Rainfall (inches) _____
(enter total rainfall from date of planting to date of maturation)

Calculations

Conversion Formulas:

Gross Irrigation = Gallons pumped/27,154/acres

Gallons to acre inches: Gallons/27,154

Acre inches to gallons: Acre inch*27,154

Determining inches per acre: Acre inches/total acres in field

Please Return Form To:

Bazile Groundwater Management Area Project
301 N. Harrison St.
O'Neill, NE 68763
Phone 402.336.3867
Fax 402.336.1832

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