

Appendix A.

Dormant Seeded Hard Red Spring Wheat Survey
Southwest North Dakota

Year 1999 - 2000

Crop HRSW

Variety _____

Name _____

County _____

Address _____

City _____

State ND Zip _____

Phone _____

FAX _____ email _____

Field Description

Township _____ Range _____ Section _____ Field Size _____ Acres

Field Characteristics

Erosion: (circle) severe moderate light

Slope/Aspect: _____

Management Problems: _____

Soils

Soil Series	Percent of field (%)	Available water holding capacity (in/ft)	Description

Field Crop History to Date

	1999 ¹	1998	1997
Crop			
Tillage System	conventional/minimum/no-till	conventional/minimum/no-till	conventional/minimum/no-till
Soil Test			
Fertility Program			
Variety Planted			
Pests			
Yield			

	1996	1995	1994
Crop			
Tillage System	conventional/minimum/no-till	conventional/minimum/no-till	conventional/minimum/no-till
Soil Test			
Fertility Program			
Variety Planted			
Pests			
Yield			

Soil Fertility (current year or most recent analysis for this field)

Soil Testing

Sampling Date _____

Soil Test Results

pH _____ EC (mmhos/cm) _____ Organic matter (%) _____

Phosphorous (ppm) _____ Potassium (ppm) _____ Sulfur _____

Nitrate (NO₃-N)(lbs/A) 0-12" _____ 12-24" _____ 24-36" _____ 36-48" _____

Ammonium (NH₄)(lbs/A) 0-12" _____

Total Nitrate and Ammonium (lbs/Acre) _____

¹ Crop grown in 1999 excluding seeding of hard red spring wheat in late fall/early winter.

Fertilizer Application

	Date	Material Used	Actual N, P2O5, K2O (lbs/A)	Method
Pre-Plant				
Planting Time				
During Growing Season				
During Growing Season				

Planting Record

Seed Source _____ Class: Certified/Common

Test Weight (lbs/bu) _____ % purity _____ % Germination _____

Seed Count/lb _____ Soil Temperature at Seeding _____

Seed Treatment _____ Formulation _____

Planting Date _____ Type of Drill/openers _____

Row Spacing _____ Seeding depth (in) _____ Seeding rate (lbs/A) _____

Target population _____ Acres seeded: _____ acres. Emergence date: _____

Estimated Stored Soil Water

Date of Soil Probing _____

Sample	(1) Plant-Available Water Capacity (PAWC)	(2) Average Moist Soil Depth	(3) Stored Soil Water
1			
2			
3			
4			

Average Estimated Stored Soil Water (inches) _____

Plant Count (no/ft²): _____ Head Count (no.ft²) _____

Approximate Heading Date: _____ Dormant Seeded: _____ Spring Seeded: _____

Weed Record

Date	Weed Species	Severity Low/Mod/Severe	Plant Count/sq Yard	Product/Formulation	Crop Safety

Insect Record

Date	Insect Species	Severity Low/Mod/Severe	Product/Formulation	Control Good/Fair/Poor

Disease Record

Survey Date	Disease	Severity Low/Mod/Severe	Survey Date	Severity Low/Mod/Severe	Control Measure

Harvest Record

Dormant Seeded		Spring Seeded	
Date of harvest:		Date of harvest:	
Grain yield: (bu/a)		Grain yield: (bu/a)	
Protein: (%)		Protein (%)	
Test weight: (lb/bu)		Test weight: (lb/bu)	

Precipitation Record

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
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27								
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29								
30								
31								
Total								

Comments: