

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 <sup>1</sup>	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 (NO<sub>3</sub>-N)(lbs/A) 0-12" \_\_\_\_\_ 12-24" \_\_\_\_\_ 24-36" \_\_\_\_\_ 36-48" \_\_\_\_\_

Ammonium (NH<sub>4</sub>)(lbs/A) 0-12" \_\_\_\_\_

Total Nitrate and Ammonium (lbs/Acre) \_\_\_\_\_

<sup>1</sup> 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/ft<sup>2</sup>): \_\_\_\_\_ Head Count (no.ft<sup>2</sup>) \_\_\_\_\_

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								
17								
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27								
28								
29								
30								
31								
Total								

Comments: