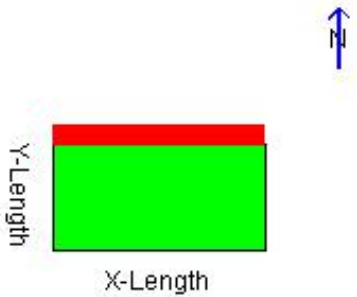


# WEPS Run Summary



**Client** Exercise 4  
**Farm No**  
**Tract No**  
**Field No**  
**Run Name** S Wheat-Beet-Soybeans, cover crop, windbreck CMZ 1\_1  
**Run Location** Exercise  
**Management** S Wheat-Beet, covercrop-SB CMZ 1  
**Soil** Foldahl\_426\_90\_LFS



## Simulation & Site Information

**Mode** : NRCS  
**State** : Minnesota  
**County** : Clay  
**Soil Loss T**: 5 T/ac/yr  
**Latitude** : 46.89 °N  
**Longitude** : 96.51 °W

## Field Dimension Information

**X-Length** : 2640.09 ft  
**Y-Length** : 1319.88 ft  
**Elevation** : 898.95 ft  
**Orientation** : 0.0 °  
**Area** : 80 ac

## Weather Station / Files

**Cligen Station** :FARGO WB AIRPORT  
**Wingen Station** :FARGO/HECTOR FIELD

Barrier Location	Barrier Type	Height ft	Width ft	Porosity frac
North	<mod> Trees w/ leaves(1 row)	25.0	20.0	0.5

Period	Crop	Gross Loss (tons/acre)	Net Soil Loss From Field (tons/acre)			
			Total	Creep/Salt.	Suspension	PM10
Rot. yr: 1	Wheat, spring 7in	0.7	0.6	0.27	0.35	0.015
Rot. yr: 2	Sugarbeet, growing	7.8	7.5	3.52	4.02	0.146
Rot. yr: 3	Soybean, group 0 and	23.4	21.0	8.38	12.64	0.495
Ave. Annual		10.6	9.7	4.06	5.67	0.218

Harvest Date	Crop Name	Residue lbs/acre	Harvest Yield	Yield % Moisture
Aug 01, 01	Wheat, spring 7in rows	3411	45.295 bu/ac	13.5
Oct 10, 02	Sugarbeet, growing after covercrop kill	425	16.599 ton/ac	82.0
Oct 10, 03	Soybean, group 0 and I	2251	39.466 bu/ac	13.0

Date	Operation	Crop
Apr 20, 01	Drill or airseeder, double disk	Wheat, spring 7in rows
Aug 01, 01	Harvest, killing crop 50pct standing stubble	Wheat, spring 7in rows
Nov 01, 01	Chisel, st. pt	
Apr 20, 02	Cultivator, field 6-12 in sweeps	
Apr 23, 02	Cultivator, field 6-12 in sweeps	
Apr 24, 02	Fert applic. surface broadcast	

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**Soil** Foldahl\_426\_90\_LFS

Date	Operation	Crop
Apr 30, 02	Seeder - Broadcast	Barley, spring covercrop
Apr 30, 02	Harrow, spike tooth, cover seed	
May 01, 02	Planter, into growing cover	
Jun 10, 02	Sprayer, kill cover in growing crop	Sugarbeet, growing after
Oct 09, 02	Shredder, flail or rotary	
Oct 10, 02	Harvest, dig root crops res. buried	Sugarbeet, growing after
May 20, 03	Disk, tandem light finishing	
May 25, 03	Cultivator, field 6-12 in sweeps	
May 25, 03	Planter, double disk opnr	Soybean, group 0 and I
Oct 10, 03	Harvest, killing crop 20pct standing stubble	Soybean, group 0 and I
Oct 15, 03	Cultivator, field 6-12 in sweeps	

## Run specific information:

20/ 4/ 1 Wheat, spring 7in rows 1.300

1/ 5/ 2 Sugarbeet, sugar 1.075

25/ 5/ 3 Soybean, group 0 and I, 30in rows 1.450