NMP Section 3

3.1 Nutrient Application Worksheets

Attached are the crop year 2013 nutrient application worksheets. Please note that these are only a plan and changes may be made to accommodate the dairy and/or the cooperating producers. All plan changes will be documented in the 2013 NMP update to be sent to DNR by March 31st of each year.

Snap-Plus Spreading and Nutrient Management Sorted By Crop Report For 2013 Reported for Church Farms

Snap-Plus version 1.132.8

Printed 2/4/2013
Plan Completion/Update Date: 12/27/2012

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Corn On Corn Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
205	64.2	9	Oshtemo (OsC2)	Corn grain	Corn grain	111-130	45	35	Spring Chisel, disked					18	72	125	25	65	0	0	0	-125	-25	-65
251	76.6	2	Brems (BrA) W	Corn grain	Corn grain	171-190	70	50	Spring Cultivation	28% UAN (Liquid 28-0-0) 28-0-0	30 gallons/acre Spring Incorp	89-0-0	2298 gallons	93	37	215	0	95	186	23	8	-29	23	-87
251										Liquid 7-21-7 7-21-7	10 gallons/acre Spring Incorp	8-23-8	766 gallons											
251										28% UAN (Liquid 28-0-0) 28-0-0	30 gallons/acre Summer Incorp	89-0-0	2298 gallons											

140.8 planned Corn On Corn acres

4596	planned	gallons	28% UAN (Liquid 28-0-0)	applied spring
766	planned	gallons	Liquid 7-21-7	applied spring

First Year Corn Grain Fields										Applications				Soil Test		Adjusted Recommendations				Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
200	8.8	4	Wyocena (WoB)	Alfalfa	Corn grain	111-130	45	35	Spring Cultivation	Liquid 7-21-7 7-21-7	10 gallons/acre Spring Incorp	8-23-8	88 gallons	31	52	140	45	65	48	23	8	-92	-22	-57
200										legume		40-0-0												
201	23.1	9	Plainfield (PlC) P	Alfalfa	Corn grain	111-130	45	35	Spring Cultivation	Liquid 7-21-7 7-21-7	10 gallons/acre Spring Incorp	8-23-8	231 gallons	27	77	140	45	35	48	23	8	-92	-22	-27
201										legume		40-0-0												
202	9.6	4	Gotham (GlB) P	Alfalfa	Corn grain	111-130	45	35	Spring Cultivation	Liquid 7-21-7 7-21-7	10 gallons/acre Spring Incorp	8-23-8	96 gallons	82	70	140	0	35	48	23	8	-92	23	-27
202										legume		40-0-0												
203	9.0	4	Gotham (GlB) P	Alfalfa	Corn grain	111-130	45	35	Spring Cultivation	Liquid 7-21-7 7-21-7	10 gallons/acre Spring Incorp	8-23-8	90 gallons	61	93	140	0	20	53	29	14	-87	29	-6
203										legume		40-0-0												
204	6.8	16	Wyocena (WoD)	Alfalfa	Corn grain	111-130	45	35	Spring Cultivation	Liquid 7-21-7 7-21-7	10 gallons/acre Spring Incorp	8-23-8	68 gallons	57	98	140	0	20	53	29	14	-87	29	-6
204										legume		40-0-0												
206	5.8	9	Fox (FoC2)	Alfalfa	Corn grain	111-130	45	35	Spring Cultivation	Liquid 7-21-7 7-21-7	10 gallons/acre Spring Incorp	8-23-8	58 gallons	13	55	170	45	80	103	29	14	-67	-16	-66
206										legume		90-0-0												
250	129.0	4	Coloma (CoB) P	Potatoes, late harvest	Corn grain	171-190	70	50	Spring Chisel, disked					236	88	215	0	50	0	0	0	-215	0	-50

192.1 planned First Year Corn Grain acres

631	planned	gallons	Liquid 7-21-7	applied spring

Soybeans Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
260	40.2	4	Plainfield (PfB) P	Corn grain	Soybeans 15-20 inch row	56-65	50	85	Fall Chisel, disked					69	122	0	0	0	0	0	0	0	0	0
261	19.3	4	Coloma (CoB) P	Corn grain	Soybeans 15-20 inch row	56-65	50	85	Fall Chisel, disked					72	89	0	0	45	0	0	0	0	0	-45
270	35.0	4	Plainfield (PfB) W	Corn grain	Soybeans 15-20 inch row	56-65	50	85	Spring Cultivation	Potash 0-0-60 0-0-60	150 lbs/acre Spring Incorp	0-0-90	5250 lbs	72	84	0	0	45	11	0	90	11	0	45
270										Ammonium sulfate (AMS) 21-0-0	50 lbs/acre Spring Incorp	11-0-0	1750 lbs											

94.5 planned Soybeans acres

1750	planned	lbs	Ammonium sulfate (AMS)	applied spring
5250	planned	lbs	Potash 0-0-60	applied spring

427.4 total planned acres

Total Planned to be Applied

4596	planned	gallons	28% UAN (Liquid 28-0-0)	applied spring
1750	planned	lbs	Ammonium sulfate (AMS)	applied spring
1397	planned	gallons	Liquid 7-21-7	applied spring
5250	planned	lbs	Potash 0-0-60	applied spring

Total Manure Volume	Manure App Plan	Remaining Manure
0 tons	0	0
0 gallons	0	0

Snap-Plus Spreading and Nutrient Management Sorted By Crop Report
For 2013
Reported for Flyte Family Farm

Snap-Plus version 1.132.8

Printed 2/4/2013
Plan Completion/Update Date: Missing

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Alfalfa Fields									Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
Organic 7	30.0	1	Richford (RfA) P	Alfalfa/Brome	Alfalfa/Brome	5.6-6.5	80	360	None	Cal Sul 0-0-0	400 lbs/acre Spring Surface	0-0-0	12000 lbs	45	126	0	40	108	0	0	200	0	-40	92
Organic 7										Potassium sulfate 0-0-50	400 lbs/acre Spring Surface	0-0-200	12000 lbs											
Organic 8	16.0	1	Plainfield (PfA) P	Alfalfa/Brome	Alfalfa/Brome	4.6-5.5	65	300	None	Potassium sulfate 0-0-50	300 lbs/acre Spring Surface	0-0-150	4800 lbs	73	100	0	0	300	0	0	150	0	0	-150
Organic 8										Cal Sul 0-0-0	300 lbs/acre Spring Surface	0-0-0	4800 lbs											
Gomoll 4	6.5	9	Coloma (CoC) P	Alfalfa/Brome Seeding Spring	Alfalfa/Brome	4.6-5.5	65	300	None					54	62	0	35	340	0	0	0	0	-35	-340
Organic 6N	68.0	4	Plainfield (PfB) P	Sweet Corn early plant (before May 20) with small grain cover crop	Alfalfa	5.6-6.5	80	360	None	Potassium sulfate 0-0-50	500 lbs/acre Spring Surface	0-0-250	34000 lbs	131	113	0	0	360	0	0	250	0	0	-110
120.5 planned Alfalfa acres																								
								16800		planned		lbs	Cal Sul								applied spring			

										50800	planned	lbs	Potassium sulfate									applied spring		

			Corn On Corn Fields							Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
ADAMSKI	71.0	4	Plainfield (PfB) P	Corn grain	Corn grain	111-130	45	35	No Till	32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	1065 lbs	60	85	130	0	35	28	35	53	-102	35	18
ADAMSKI										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	3550 lbs											
ADAMSKI										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	5325 lbs											
ADAMSKI										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	3550 lbs											
ADAMSKI										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	1065 gallons											
Beutler 1	73.6	4	Plainfield (PfB) W	Corn grain	Corn grain	191-220	75	60	Strip Till	Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	5520 lbs	89	85	215	0	60	28	35	53	-187	35	-7
Beutler 1										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	1104 gallons											
Beutler 1										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	3680 lbs											
Beutler 1										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	3680 lbs											
Beutler 1										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	1104 lbs											
Beutler 2	12.5	2	Fisk (FkA) P	Corn grain	Corn grain	191-220	75	60	Strip Till	Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	625 lbs	167	146	215	0	0	28	35	53	-187	35	53
Beutler 2										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	188 lbs											
Beutler 2										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	188 gallons											
Beutler 2										Potassium-magnesium	50 lbs/acre Spring	0-0-11	625 lbs											

Corn On Corn Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
										sulfate 0-0-22	Surface													
Beutler 2										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	938 lbs											
Beutler 4	22.3	4	Coloma (CoB) P	Corn grain	Corn grain	191-220	75	60	Strip Till	32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	335 lbs	79	90	215	0	60	28	35	53	-187	35	-7
Beutler 4										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	1115 lbs											
Beutler 4										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	1115 lbs											
Beutler 4										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	1673 lbs											
Beutler 4										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	335 gallons											
Beutler 42	140.5	4	Plainfield (PfB) W	Corn grain	Corn grain	191-220	75	60	Strip Till	Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	10538 lbs	80	92	215	0	30	28	35	53	-187	35	23
Beutler 42										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	2108 gallons											
Beutler 42										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	7025 lbs											
Beutler 42										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	7025 lbs											
Beutler 42										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	2108 lbs											
Beutler 5	1.9	4	Tustin (TuB)	Corn grain	Corn grain	191-220	75	60	Strip Till	Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	95 lbs	82	137	215	0	0	28	35	53	-187	35	53
Beutler 5										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	143 lbs											
Beutler 5										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	29 lbs											
Beutler 5										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	29 gallons											

Corn On Corn Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
Beutler 5										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	95 lbs											
Gomoll 10	7.4	4	Richford (RfB) P	Corn grain	Corn grain	111-130	45	35	No Till	32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	111 lbs	85	85	140	0	35	28	35	53	-112	35	18
Gomoll 10										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	370 lbs											
Gomoll 10										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	370 lbs											
Gomoll 10										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	111 gallons											
Gomoll 10										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	555 lbs											
Gomoll 11	28.0	4	Richford (RfB) P	Corn grain	Corn grain	111-130	45	35	No Till	Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	1400 lbs	63	85	140	0	35	28	35	53	-112	35	18
Gomoll 11										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	420 lbs											
Gomoll 11										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	2100 lbs											
Gomoll 11										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	1400 lbs											
Gomoll 11										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	420 gallons											
Gomoll 6	7.9	9	Plainfield (PfC) P	Corn grain	Corn grain	111-130	45	35	No Till	Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	119 gallons	51	63	140	0	65	28	35	53	-112	35	-12
Gomoll 6										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	395 lbs											
Gomoll 6										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	593 lbs											
Gomoll 6										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	119 lbs											

Corn On Corn Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
Gomoll 6										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	395 lbs											
Gomoll 7	15.8	9	Plainfield (PfC) P	Corn grain	Corn grain	111-130	45	35	No Till	Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	237 gallons	44	72	140	0	35	28	35	53	-112	35	18
Gomoll 7										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	790 lbs											
Gomoll 7										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	1185 lbs											
Gomoll 7										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	237 lbs											
Gomoll 7										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	790 lbs											
Organic 1S	33.0	4	Richford (RfB) W	Corn grain	Corn grain	191-220	75	60	Spring MB Plow	Chicken Pellet 5-3-3	2000 lbs/acre Spring Surface	100-60-60	66000 lbs	104	99	215	0	0	144	64	111	-71	64	111
Organic 1S										Potassium sulfate 0-0-50	100 lbs/acre Spring Surface	0-0-50	3300 lbs											
Organic 1S										Cal Sul 0-0-0	100 lbs/acre Spring Surface	0-0-0	3300 lbs											
Organic 1S										liquid fish 4-4-1	10 gallons/acre Spring Surface	4-4-1	330 gallons											
Organic 1S										legume		40-0-0												
Rod and Gun 1	24.4	4	Plainfield (PfB) P	Corn grain	Corn grain	111-130	45	35	No Till	32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	366 lbs	66	65	140	0	65	28	35	53	-112	35	-12
Rod and Gun 1										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	1220 lbs											
Rod and Gun 1										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	1830 lbs											
Rod and Gun 1										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	1220 lbs											

Corn On Corn Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
Rod and Gun 1										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	366 gallons											
Rod and Gun 2	8.8	4	Plainfield (PfB) P	Corn grain	Corn grain	111-130	45	35	No Till	Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	132 gallons	62	52	140	0	65	28	35	53	-112	35	-12
Rod and Gun 2										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	660 lbs											
Rod and Gun 2										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	440 lbs											
Rod and Gun 2										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	132 lbs											
Rod and Gun 2										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	440 lbs											
SCHMIDT 1	8.6	4	Richford (RfB) P	Corn grain	Corn grain	111-130	45	35	No Till	Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	430 lbs	62	75	140	0	35	28	35	53	-112	35	18
SCHMIDT 1										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	129 gallons											
SCHMIDT 1										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	129 lbs											
SCHMIDT 1										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	645 lbs											
SCHMIDT 1										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	430 lbs											
SCHMIDT 2	5.0	4	Richford (RfB) P	Corn grain	Corn grain	111-130	45	35	No Till	32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	75 lbs	32	63	140	45	65	28	35	53	-112	-10	-12
SCHMIDT 2										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	250 lbs											
SCHMIDT 2										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	250 lbs											
SCHMIDT 2										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	75 gallons											

Corn On Corn Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
SCHMIDT 2										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	375 lbs											
SCHMIDT 3	7.6	4	Richford (RfB) P	Corn grain	Corn grain	111-130	45	35	No Till	32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	114 lbs	61	62	140	0	65	28	35	53	-112	35	-12
SCHMIDT 3										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	380 lbs											
SCHMIDT 3										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	380 lbs											
SCHMIDT 3										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	114 gallons											
SCHMIDT 3										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	570 lbs											
SCHULTZ 2	22.8	4	Boyer (ByB) P	Corn grain	Corn grain	111-130	45	35	No Till	Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	1710 lbs	44	65	125	0	65	28	35	53	-97	35	-12
SCHULTZ 2										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	1140 lbs											
SCHULTZ 2										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	342 gallons											
SCHULTZ 2										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	342 lbs											
SCHULTZ 2										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	1140 lbs											
SCHULTZ 3	23.3	4	Boyer (ByB) P	Corn grain	Corn grain	111-130	45	35	No Till	Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	350 gallons	40	67	125	0	65	28	35	53	-97	35	-12
SCHULTZ 3										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	350 lbs											
SCHULTZ 3										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	1165 lbs											
SCHULTZ 3										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	1748 lbs											

Corn On Corn Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
SCHULTZ 3										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	1165 lbs											
SCHULTZ 5	7.4	9	Boyer (ByC) P	Corn grain	Corn grain	111-130	45	35	No Till	Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	555 lbs	56	68	125	0	65	28	35	53	-97	35	-12
SCHULTZ 5										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	370 lbs											
SCHULTZ 5										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	111 gallons											
SCHULTZ 5										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	370 lbs											
SCHULTZ 5										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	111 lbs											
SCHULTZ 7	4.5	4	Coloma (CoB) P	Corn grain	Corn grain	111-130	45	35	No Till	Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	338 lbs	58	68	140	0	35	28	35	53	-112	35	18
SCHULTZ 7										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	225 lbs											
SCHULTZ 7										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	225 lbs											
SCHULTZ 7										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	68 lbs											
SCHULTZ 7										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	68 gallons											
SCHULTZ 8	4.5	9	Richford (RfC) P	Corn grain	Corn grain	111-130	45	35	No Till	32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	68 lbs	73	76	140	0	35	28	35	53	-112	35	18
SCHULTZ 8										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	225 lbs											
SCHULTZ 8										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	225 lbs											
SCHULTZ 8										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	68 gallons											

Corn On Corn Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
SCHULTZ 8										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	338 lbs											
SCHULTZ 9	44.0	4	Richford (RfB) P	Corn grain	Corn grain	111-130	45	35	No Till	Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	2200 lbs	59	79	140	0	35	28	35	53	-112	35	18
SCHULTZ 9										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	660 gallons											
SCHULTZ 9										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	660 lbs											
SCHULTZ 9										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	3300 lbs											
SCHULTZ 9										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	2200 lbs											
SHATTUCK	30.0	1	Plainfield (PfA) P	Corn grain	Corn grain	111-130	45	35	No Till	Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	2250 lbs	40	55	140	25	65	28	35	53	-112	10	-12
SHATTUCK										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	1500 lbs											
SHATTUCK										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	450 gallons											
SHATTUCK										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	450 lbs											
SHATTUCK										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	1500 lbs											

604.8 planned Corn On Corn acres

8577	planned	lbs	32% UAN	applied spring
42885	planned	lbs	Ammonium sulfate (AMS)	applied spring
3300	planned	lbs	Cal Sul	applied spring
66000	planned	lbs	Chicken Pellet	applied spring
330	planned	gallons	liquid fish	applied spring
28590	planned	lbs	Potassium chloride	applied spring
3300	planned	lbs	Potassium sulfate	applied spring
28590	planned	lbs	Potassium-magnesium sulfate	applied spring
8577	planned	gallons	Starter	applied spring

First Year Corn Grain Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
Gomoll 1	27.9	9	Plainfield (PfC) P	Alfalfa/Brome	Corn grain	111-130	45	35	No Till	Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	419 gallons	42	102	140	25	20	68	35	53	-72	10	33
Gomoll 1										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	2093 lbs											
Gomoll 1										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	1395 lbs											
Gomoll 1										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	1395 lbs											
Gomoll 1										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	419 lbs											
Gomoll 1										legume		40-0-0												
Gomoll 12	12.3	9	Coloma (CoC) P	Alfalfa/Brome	Corn grain	111-130	45	35	No Till	Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	615 lbs	44	109	140	0	20	68	35	53	-72	35	33
Gomoll 12										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	185 lbs											
Gomoll 12										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	923 lbs											
Gomoll 12										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	615 lbs											
Gomoll 12										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	185 gallons											
Gomoll 12										legume		40-0-0												
Gomoll 13	2.2	4	Coloma (CoB) P	Alfalfa/Brome	Corn grain	111-130	45	35	No Till	Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	165 lbs	56	110	140	0	20	68	35	53	-72	35	33
Gomoll 13										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	110 lbs											
Gomoll 13										Starter 7-21-7	15 gallons/acre	12-35-12	33 gallons											

First Year Corn Grain Fields									Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
Gomoll 13										32% UAN 0-0-0	Spring Incorp 15 lbs/acre Spring Incorp	0-0-0	33 lbs											
Gomoll 13										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	110 lbs											
Gomoll 13										legume		40-0-0												
Gomoll 15	10.0	9	Coloma (CoC) P	Alfalfa/Brome	Corn grain	111-130	45	35	No Till	Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	500 lbs	45	58	140	0	65	68	35	53	-72	35	-12
Gomoll 15										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	150 lbs											
Gomoll 15										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	500 lbs											
Gomoll 15										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	150 gallons											
Gomoll 15										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	750 lbs											
Gomoll 15										legume		40-0-0												
Gomoll 2	9.5	4	Coloma (CoB) P	Alfalfa/Brome	Corn grain	111-130	45	35	No Till	Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	475 lbs	39	117	140	25	20	68	35	53	-72	10	33
Gomoll 2										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	143 gallons											
Gomoll 2										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	143 lbs											
Gomoll 2										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	713 lbs											
Gomoll 2										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	475 lbs											
Gomoll 2										legume		40-0-0												
Gomoll 3	3.2	9	Coloma (CoC) P	Alfalfa/Brome	Corn grain	111-130	45	35	No Till	Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	48 gallons	62	108	140	0	20	68	35	53	-72	35	33
Gomoll 3										Potassium	50 lbs/acre	0-0-31	160 lbs											

First Year Corn Grain Fields									Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
										chloride 0-0-61	Spring Surface													
Gomoll 3										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	240 lbs											
Gomoll 3										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	160 lbs											
Gomoll 3										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	48 lbs											
Gomoll 3										legume		40-0-0												
Gomoll 8	10.0	9	Plainfield (PfC) P	Alfalfa/Brome	Corn grain	111-130	45	35	No Till	Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	150 gallons	41	98	140	25	20	68	35	53	-72	10	33
Gomoll 8										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	500 lbs											
Gomoll 8										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	750 lbs											
Gomoll 8										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	150 lbs											
Gomoll 8										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	500 lbs											
Gomoll 8										legume		40-0-0												
Organic 5	50.0	1	Sparta (Sp) P	Alfalfa/Brome	Corn grain	171-190	70	50	Strip Till	Potassium sulfate 0-0-50	200 lbs/acre Spring Incorp	0-0-100	10000 lbs	125	108	215	0	25	183	35	112	-32	35	87
Organic 5										Ammonium sulfate (AMS) 21-0-0	150 lbs/acre Spring Incorp	32-0-0	7500 lbs											
Organic 5										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	750 gallons											
Organic 5										legume		140-0-0												
6 AVE	31.2	9	Plainfield (PfC) P	Soybeans 15-20 inch row	Corn grain	111-130	45	35	No Till	32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	468 lbs	37	83	130	25	35	28	35	53	-102	10	18
6 AVE										Potassium chloride	50 lbs/acre Spring	0-0-31	1560 lbs											

First Year Corn Grain Fields									Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
										0-0-61	Surface													
6 AVE										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	2340 lbs											
6 AVE										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	1560 lbs											
6 AVE										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	468 gallons											
CROOK 4	7.2	4	Okee (OkB) P	Soybeans 15-20 inch row	Corn grain	111-130	45	35	No Till	32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	108 lbs	45	85	140	0	35	28	35	53	-112	35	18
CROOK 4										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	360 lbs											
CROOK 4										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	540 lbs											
CROOK 4										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	360 lbs											
CROOK 4										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	108 gallons											
DORNIK 1	10.9	9	Plainfield (PfC) P	Soybeans 15-20 inch row	Corn grain	111-130	45	35	No Till	Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	818 lbs	72	77	140	0	35	28	35	53	-112	35	18
DORNIK 1										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	164 lbs											
DORNIK 1										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	164 gallons											
DORNIK 1										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	545 lbs											
DORNIK 1										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	545 lbs											
DORNIK 15	15.3	4	Plainfield (PfB)	Soybeans 15-20 inch row	Corn grain	111-130	45	35	No Till	Potassium-magnesium	50 lbs/acre Spring	0-0-11	765 lbs	56	95	140	0	20	28	35	53	-112	35	33

First Year Corn Grain Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
			P							sulfate 0-0-22	Surface													
DORNIK 15										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	230 lbs											
DORNIK 15										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	1148 lbs											
DORNIK 15										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	765 lbs											
DORNIK 15										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	230 gallons											
DORNIK 9	10.9	4	Plainfield (PfB) P	Soybeans 15-20 inch row	Corn grain	111-130	45	35	No Till	Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	164 gallons	62	79	140	0	35	28	35	53	-112	35	18
DORNIK 9										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	545 lbs											
DORNIK 9										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	164 lbs											
DORNIK 9										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	818 lbs											
DORNIK 9										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	545 lbs											
SEMROW 6	8.8	4	Plainfield (PfB) P	Soybeans 15-20 inch row	Corn grain	111-130	45	35	No Till	Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	660 lbs	46	103	140	0	20	28	35	53	-112	35	33
SEMROW 6										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	132 lbs											
SEMROW 6										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	132 gallons											
SEMROW 6										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	440 lbs											
SEMROW 6										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	440 lbs											

First Year Corn Grain Fields									Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
SEMROW 8	17.0	9	Boyer (ByC) P	Soybeans 15-20 inch row	Corn grain	111-130	45	35	No Till	Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	850 lbs	50	97	110	0	35	28	35	53	-82	35	18
SEMROW 8										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	255 gallons											
SEMROW 8										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	850 lbs											
SEMROW 8										Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	1275 lbs											
SEMROW 8										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	255 lbs											
Bartel-Prochnow	94.4	4	Plainfield (PfB) W	Potatoes, late harvest, to small grain cover crop	Corn grain	191-220	75	60	Strip Till	Ammonium sulfate (AMS) 21-0-0	75 lbs/acre Spring Surface	16-0-0	7080 lbs	41	80	215	40	60	28	35	53	-187	-5	-7
Bartel-Prochnow										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	1416 gallons											
Bartel-Prochnow										Potassium-magnesium sulfate 0-0-22	50 lbs/acre Spring Surface	0-0-11	4720 lbs											
Bartel-Prochnow										Potassium chloride 0-0-61	50 lbs/acre Spring Surface	0-0-31	4720 lbs											
Bartel-Prochnow										32% UAN 0-0-0	15 lbs/acre Spring Incorp	0-0-0	1416 lbs											
F.Airport	80.0	1	Sparta (Sp) P	Potatoes, late harvest, to small grain cover crop	Corn grain	171-190	70	50	Strip Till	Potassium sulfate 0-0-50	200 lbs/acre Spring Incorp	0-0-100	16000 lbs	90	99	215	0	25	177	35	112	-38	35	87
F.Airport										Ammonium sulfate (AMS) 21-0-0	200 lbs/acre Spring Incorp	42-0-0	16000 lbs											
F.Airport										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	1200 gallons											
F.Airport										29-0-0-4 29-0-0	40 gallons/acre Summer Incorp	123-0-0	3200 gallons											

First Year Corn Grain Fields									Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
Fenske 3A	20.1	2	Meehan (MoA) P	Snapbean to Snapbean to small grain cover	Corn grain	171-190	70	50	Strip Till	Ammonium sulfate (AMS) 21-0-0	200 lbs/acre Spring Incorp	42-0-0	4020 lbs	69	137	215	0	0	177	35	112	-38	35	112
Fenske 3A										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	302 gallons											
Fenske 3A										Potassium sulfate 0-0-50	200 lbs/acre Spring Incorp	0-0-100	4020 lbs											
Fenske 3A										29-0-0-4 29-0-0	40 gallons/acre Summer Incorp	123-0-0	804 gallons											
Fenske 4	33.0	4	Plainfield (PfB) P	Snapbean to Snapbean to small grain cover	Corn grain	171-190	70	50	Strip Till	Ammonium sulfate (AMS) 21-0-0	200 lbs/acre Spring Incorp	42-0-0	6600 lbs	89	73	215	0	50	177	35	112	-38	35	62
Fenske 4										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	495 gallons											
Fenske 4										Potassium sulfate 0-0-50	200 lbs/acre Spring Incorp	0-0-100	6600 lbs											
Fenske 4										29-0-0-4 29-0-0	40 gallons/acre Summer Incorp	123-0-0	1320 gallons											
Stahl	65.0	9	Plainfield (PfC) P	Snap Beans early plant to small grain cover crop	Corn grain	171-190	70	50	Strip Till	Ammonium sulfate (AMS) 21-0-0	200 lbs/acre Spring Incorp	42-0-0	13000 lbs	59	93	215	0	0	177	35	112	-38	35	112
Stahl										Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	975 gallons											
Stahl										Potassium sulfate 0-0-50	200 lbs/acre Spring Incorp	0-0-100	13000 lbs											
Stahl										29-0-0-4 29-0-0	40 gallons/acre Summer Incorp	123-0-0	2600 gallons											

518.9 planned First Year Corn Grain acres

7924	planned	gallons	29-0-0-4	applied spring
4062	planned	lbs	32% UAN	applied spring
67430	planned	lbs	Ammonium sulfate (AMS)	applied spring

13540	planned	lbs	Potassium chloride	applied spring
49620	planned	lbs	Potassium sulfate	applied spring
13540	planned	lbs	Potassium-magnesium sulfate	applied spring
7784	planned	gallons	Starter	applied spring

			Other Crops Fields							Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
Fenske 9	47.0	4	Plainfield (PfB) P	Corn grain	Peas to Snapbean	2501-4000/3.6-4.5	35	110	Spring MB Plow	Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	705 gallons	88	96	100	0	110	33	35	103	-67	35	-7
Fenske 9										Potassium chloride 0-0-61	150 lbs/acre Spring Incorp	0-0-92	7050 lbs											
Fenske 9										Ammonium sulfate (AMS) 21-0-0	100 lbs/acre Spring Incorp	21-0-0	4700 lbs											
Fenske 9										32% UAN 0-0-0	8 lbs/acre Summer Incorp	0-0-0	376 lbs											
Fenske 4A	31.8	4	Plainfield (PfB) P	Corn grain	Peas to Snapbean	2501-4000/3.6-4.5	35	110	Spring MB Plow	Starter 7-21-7	15 gallons/acre Spring Incorp	12-35-12	477 gallons	81	93	100	0	110	33	35	103	-67	35	-7
Fenske 4A										Potassium chloride 0-0-61	150 lbs/acre Spring Incorp	0-0-92	4770 lbs											
Fenske 4A										Ammonium sulfate (AMS) 21-0-0	100 lbs/acre Spring Incorp	21-0-0	3180 lbs											
Fenske 4A										32% UAN 0-0-0	8 lbs/acre Summer Incorp	0-0-0	254 lbs											
Fenske 2A	30.0	1	Plainfield (PfA) W	Snapbean to Snapbean to small grain cover	Peas to Snapbean	2501-4000/3.6-4.5	35	110	Spring MB Plow	Ammonium sulfate (AMS) 21-0-0	100 lbs/acre Spring Incorp	21-0-0	3000 lbs	90	84	100	0	110	33	35	103	-67	35	-7
Fenske 2A										Potassium	150 lbs/acre	0-0-92	4500 lbs											

Snap-Plus Spreading and Nutrient Management Sorted By Crop Report
For 2013
Reported for Frozene Farms

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Alfalfa Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
D1	28.7	4	Plainfield (PfB) P	Alfalfa	Alfalfa	3.6-4.5	50	240	None					39	82	0	25	240	0	0	0	0	-25	-240

28.7 planned Alfalfa acres

Corn On Corn Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac

Corn On Corn Fields

									Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
D2	26.1	4	Plainfield (PfB) P	Corn grain	Corn grain	111-130	45	35	Spring Chisel, disked	Urea 46-0-0	200 lbs/acre Spring Incorp	92-0-0	5220 lbs	31	73	140	45	35	135	22	24	-5	-23	-11
D2										Corn Starter 8-22-24	100 lbs/acre Spring Incorp	8-22-24	2610 lbs											
D2										32% UAN (Liquid 32-0-0) 32-0-0	10 gallons/acre Summer Incorp	35-0-0	261 gallons											

26.1 planned Corn On Corn acres

261	planned	gallons	32% UAN (Liquid 32-0-0)	applied spring
2610	planned	lbs	Corn Starter	applied spring
5220	planned	lbs	Urea	applied spring

First Year Corn Grain Fields

									Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
E1	18.5	1	Richford (RfA) P	Alfalfa	Corn grain	111-130	45	35	Spring Chisel, disked	Urea 46-0-0	200 lbs/acre Spring Incorp	92-0-0	3700 lbs	28	70	140	45	35	140	22	24	0	-23	-11
E1										Corn Starter 8-22-24	100 lbs/acre Spring Incorp	8-22-24	1850 lbs											
E1										legume		40-0-0												
E2	18.9	1	Richford	Alfalfa	Corn	111-130	45	35	Spring	Corn	100 lbs/acre	8-22-24	1890 lbs	24	71	140	45	35	137	22	24	-3	-23	-11

First Year Corn Grain Fields								Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
			(RfA) P		grain				Chisel, disked	Starter 8-22-24	Spring Incorp													
E2										32% UAN (Liquid 32-0-0)	25 gallons/acre Summer Surface	89-0-0	473 gallons											
E2										legume		40-0-0												

37.4 planned First Year Corn Grain acres

473	planned	gallons	32% UAN (Liquid 32-0-0)	applied spring
3740	planned	lbs	Corn Starter	applied spring
3700	planned	lbs	Urea	applied spring

92.2 total planned acres

Total Planned to be Applied

734	planned	gallons	32% UAN (Liquid 32-0-0)	applied spring
6350	planned	lbs	Corn Starter	applied spring
8920	planned	lbs	Urea	applied spring

Total Manure Volume	Manure App Plan	Remaining Manure
0 tons	0	0
0 gallons	0	0

Snap-Plus Spreading and Nutrient Management Sorted By Crop Report
For 2013
Reported for Hooks Cal

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Alfalfa Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
370	3.3	4	Richford (RfB) P	Alfalfa	Alfalfa	4.6-5.5	0	0	None					77	77	-1	0	0	-1	-1	-1	-9999	-9999	-9999
371	6.9	2	Billett (BlA)	Alfalfa	Alfalfa	4.6-5.5	65	300	None					66	66	0	0	350	0	0	0	0	0	-350

10.2 planned Alfalfa acres

10.2 total planned acres

Total Planned to be Applied

Total Manure Volume	Manure App Plan	Remaining Manure
0 tons	0	0
0 gallons	0	0

Snap-Plus Spreading and Nutrient Management Sorted By Crop Report For 2013 Reported for Jacobs Lois

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Prepared for
Jacobs Lois

Alfalfa Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
100	17.4	2	Coloma (CoB) P	Alfalfa	Alfalfa	4.6-5.5	65	300	None					86	82	0	0	300	0	0	0	0	0	-300
102	14.8	2	Coloma (CoB) P	Alfalfa	Alfalfa	4.6-5.5	65	300	None					203	79	0	0	340	0	0	0	0	0	-340
103	7.7	2	Coloma (CoB) P	Alfalfa	Alfalfa	4.6-5.5	65	300	None					162	109	0	0	300	0	0	0	0	0	-300

39.9 planned Alfalfa acres

Alfalfa Seeding Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
101	15.0	2	Coloma (CoB)	Sorghum-sudan forage	Alfalfa Seeding	2.6-3.5	40	180	Spring MB	OCH Headlocks	10 tons/acre Fall Surface	19-19-54	150 tons	95	91	30	0	180	49	44	118	19	44	-62

Alfalfa Seeding Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
			P		Spring				Plow	2/3i-2-5														
101										OCH Headlocks 2/3i-2-5	10 tons/acre Winter Surface	19-19-54	150 tons											
101	Season Note: Headlock manure hauled only during December and January winter months.																							
104	32.8	2	Coloma (CoB) P	Sorghum-sudan forage	Alfalfa Seeding Spring	2.6-3.5	40	180	Spring MB Plow	OCH Headlocks 2/3i-2-5	7 tons/acre Fall Surface	13-13-38	230 tons	107	106	30	0	180	33	28	74	3	28	-106
104										OCH Headlocks 2/3i-2-5	5 tons/acre Winter Surface	10-10-27	164 tons											

47.8 planned Alfalfa Seeding acres

694	planned	Tons	OCH Headlocks	applied fall winter	

87.7 total planned acres

Total Planned to be Applied

694	planned	Tons	OCH Headlocks	applied fall winter	

Total Manure Volume	Manure App Plan	Remaining Manure
0 tons	694	-694
0 gallons	0	0

Snap-Plus Spreading and Nutrient Management Sorted By Crop Report
For 2013
Reported for Wagner Farms Inc

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Other Crops Fields										Applications				Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
406	9.9	4	Coloma (CoB) P	Corn grain	Winter rye grain + straw	31-50	20	45	Fall Chisel, disked					89	105	60	0	25	0	0	0	-60	0	-25
405	5.0	4	Plainfield (PfB) P	Corn grain	Winter rye grain + straw	31-50	20	45	Fall Chisel, disked					57	113	60	0	10	0	0	0	-60	0	-10
420	79.0	4	Plainfield (PfB) P	missing	Winter rye grain +	31-50	20	45	Fall Chisel, disked					48	87	60	0	45	0	0	0	-60	0	-45

Other Crops Fields										Applications			Soil Test		Adjusted Recommendations			Planned Applications and Credits			Over(+) Under(-) Adj. UW Recs		
Name	Acres	Field Slope (%)	Soil Series, Map Symbol & N Restriction	Prior Crop	2013 Crop	Yield Goal	P2O5 Crop Removal	K2O Crop Removal	Tillage	Product name and analysis	Application rate and method	N P2O5 K2O credit	Total Amount	Avg P ppm	Avg K ppm	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac	N lb/ac	P2O5 lb/ac	K2O lb/ac
					straw																		
407	3.2	4	Coloma (CoB) P	Corn grain	Winter rye grain + straw	31-50	20	45	Fall Chisel, disked					75	104	60	0	25	0	0	0	-60	0	-25
404	8.1	4	Coloma (CoB) P	Corn grain	Winter rye grain + straw	31-50	20	45	Fall Chisel, disked					128	102	60	0	25	0	0	0	-60	0	-25
401	5.5	4	Coloma (CoB) P	Corn grain	Winter rye grain + straw	31-50	20	45	Fall Chisel, disked					47	91	60	0	25	0	0	0	-60	0	-25
400	12.2	9	Coloma (CoC) P	Corn grain	Winter rye grain + straw	31-50	20	45	Fall Chisel, disked					73	164	60	0	0	0	0	0	-60	0	0
403	6.8	4	Coloma (CoB) P	Corn grain	Winter rye grain + straw	31-50	20	45	Fall Chisel, disked					48	92	60	0	25	0	0	0	-60	0	-25
402	5.8	4	Coloma (CoB) P	Corn grain	Winter rye grain + straw	31-50	20	45	Fall Chisel, disked					88	130	60	0	10	0	0	0	-60	0	-10

135.5 planned Other Crops acres

135.5 total planned acres **Total Planned to be Applied**

Total Manure Volume	Manure App Plan	Remaining Manure
0 tons	0	0
0 gallons	0	0

Snap-Plus Field Data and 590 Assessment Plan

Snap-Plus version 1.132.8

Reported for Church Farms

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Field data: 427.4 total acres reported.

Field Name	Field Group (sub farm)	FSA Tract #	FSA Field #	Acres	County	Soil Series & Map Symbol	Field Slope (%)	Field Slope Length (ft)	Below Field Slope To Water (%)	Distance To Water (ft)	N and Field Restrictions	Contour / Filters	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
200	Springfield	-		8.8	WI-Marquette	Wyocena (WoB)	4	200	0 - 2	1001 - 5000	-	no / no	A-Cg-Cg-Cg-As-A	None-SFC-SFC-SFC-SFC-None	2012 - 2017	4	0.1	0	31	418	-
201	Springfield	-		23.1	WI-Marquette	Plainfield (PlC)	9	151	0 - 2	1001 - 5000	P	no / no	A-Cg-Cg-Cg-As-A	None-SFC-SFC-SFC-SFC-None	2012 - 2017	5	0.1	0	27	418	-
202	Springfield	-		9.6	WI-Marquette	Gotham (GlB)	4	200	0 - 2	1001 - 5000	P	no / no	A-Cg-Cg-Cg-As-A	None-SFC-SFC-SFC-SFC-None	2012 - 2017	5	0.0	0	82	418	0
203	Springfield	-		9.0	WI-Marquette	Gotham (GlB)	4	200	0 - 2	301 - 1000	P	no / no	A-Cg-Cg-Cg-As-A	None-SFC-SFC-SFC-SFC-None	2012 - 2017	5	0.0	0	61	460	0
204	Springfield	-		6.8	WI-Marquette	Wyocena (WoD)	16	98	0 - 2	301 - 1000	-	no / no	A-Cg-Cg-Cg-As-A	None-SFC-SFC-SFC-SFC-None	2012 - 2017	4	0.2	0	57	460	0
205	Springfield	-		64.2	WI-Marquette	Oshtemo (OsC2)	9	151	0 - 2	301 - 1000	-	no / no	Cg-Cg-Cg-Cg-Cg-Cg	SCD-SCD-SCD-SCD-SCD-SCD	2012 - 2017	5	0.8	1	18	480	-
206	Springfield	-		5.8	WI-Marquette	Fox (FoC2)	9	151	0 - 2	1001 - 5000	-	no / no	A-Cg-Cg-Cg-As-A	None-SFC-SFC-SFC-SFC-None	2012 - 2017	4	0.2	0	13	544	-
250	Richfield	-		129.0	WI-Adams	Coloma (CoB)	4	200	0 - 2	1001 - 5000	P C	no / no	POl-Cg-Sg15-Cg-	FP-SCD-SCD-SFC-	2012 - 2017	5	0.2	0	236	-316	0

Field Name	Field Group (sub farm)	FSA Tract #	FSA Field #	Acres	County	Soil Series & Map Symbol	Field Slope (%)	Field Slope Length (ft)	Below Field Slope To Water (%)	Distance To Water (ft)	N and Field Restrictions	Contour / Filters	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
251	Richfield	-		76.6	WI-Adams	Brems (BrA)	2	249	0 - 2	0 - 300	W S C	no / no	Sg15-Cg Cg-Cg-Sg15-Cg-Sg15-Cg	SCD-SFC SFC-SFC-SCD-SFC-SCD-SFC	2012 - 2017	5	0.1	0	93	169	0
260	Preston	-		40.2	WI-Adams	Plainfield (PfB)	4	200	0 - 2	1001 - 5000	P C	no / no	Cg-Sg15-Cg-Sg15-Cg-Sg15	SFC-FCD-SFC-FCD-SFC-FCD	2012 - 2017	5	0.0	0	69	409	0
261	Preston	-		19.3	WI-Adams	Coloma (CoB)	4	200	0 - 2	1001 - 5000	P	no / no	Cg-Sg15-Cg-Sg15-Cg-Sg15	SFC-FCD-SFC-FCD-SFC-FCD	2012 - 2017	5	0.0	0	72	409	0
270	Adams	-		35.0	WI-Adams	Plainfield (PfB)	4	200	0 - 2	1001 - 5000	W C	no / no	Cg-Sg15-Cg-Sg15-Cg-Sg15	FCD-SFC-FCD-SFC-FCD-SFC	2012 - 2017	5	0.1	0	72	424	0

Crop Abbreviations

Abbreviation	Crop
A	Alfalfa
As	Alfalfa Seeding Spring
Cg	Corn grain
POl	Potatoes, late harvest
Sg15	Soybeans 15-20 inch row

Tillage Abbreviations

Abbreviation	Tillage
FCD	Fall Chisel, disked
FP	Fall MB Plow
None	None
SCD	Spring Chisel, disked
SFC	Spring Cultivation

Restriction Legend

Code	Description of Code
P	High permeability N restricted soils
R	N restricted soils with less than 20 inches to bedrock
W	N restricted soils with less than 12 inches to apparent water table
+	This map unit may have any of the N restrictive features, however an on-site investigation is needed to identify which restrictions may actually be present.
S	Field in SWQMA.
D	Drinking water well within 50 feet of field.
C	Conduit to groundwater within 200 feet upslope of field.
L	Local winter spreading restriction.

Snap-Plus Field Data and 590 Assessment Plan

Snap-Plus version 1.132.8

Reported for Flyte Family Farm

Printed 4/16/2013
Plan Completion/Update Date: Missing

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Field data: 2261.0 total acres reported.

Field Name	Field Group (sub farm)	FSA Tract #	FSA Field #	Acres	County	Soil Series & Map Symbol	Field Slope (%)	Field Slope Length (ft)	Below Field Slope To Water (%)	Distance To Water (ft)	N and Field Restrictions	Contour / Filters	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
6 AVE	Coloma N	T34267	1	31.2	WI-Waushara	Plainfield (PfC)	9	151	0 - 2	0 - 300	P C	no / no	Cg-Sg15-Cg-Sg15-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	37	222	-
ADAMSKI	Rod & Gun	T3694	1,2,3	71.0	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P S	no / no	Cg-Sg15-Cg-Sg15-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	60	222	0
Bartel-Prochnow	Beutler	-		94.4	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	W S C	no / no	Cg-Cg-SBe30+cv-Cg-Cg	ST-ST-CP/Dcvr-ST-ST	2013 - 2017	5	0.0	0	41	345	-
Beutler 1	Beutler	-		73.6	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	W S C	no / no	Cg-Cg-SBe30+cv-Cg-Cg	ST-ST-CP/Dcvr-ST-ST	2013 - 2017	5	0.0	1	89	345	0
Beutler 2	Beutler	-		12.5	WI-Waushara	Fisk (FkA)	2	249	0 - 2	0 - 300	P S	no / no	Cg-Cg-SBe30+cv-Cg	ST-ST-CP/Dcvr-ST	2013 - 2016	5	0.0	0	167	212	-60
Beutler 4	Beutler	-		22.3	WI-Waushara	Coloma (CoB)	4	200	0 - 2	0 - 300	P	no / no	Cg-Cg-SBe30+cv-Cg-Cg	ST-ST-CP/Dcvr-ST-ST	2013 - 2017	5	0.1	1	79	345	0
Beutler 42	Beutler	-		140.5	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	W S C	no / no	Cg-Cg-SBe30+cv-Cg-Cg	ST-ST-CP/Dcvr-ST-ST	2013 - 2017	5	0.0	1	80	345	0
Beutler 5	Beutler	-		1.9	WI-Waushara	Tustin (TuB)	4	200	0 - 2	0 - 300	C	no / no	Cg-Cg-SBe30+cv-Cg-Cg	ST-ST-CP/Dcvr-ST-ST	2013 - 2017	4	0.1	1	82	345	0
Bohn	Coloma N	4189	1	62.2	WI-Waushara	Plainfield (PfC)	9	151	0 - 2	0 - 300	P C	no / no	SCm+cv-SBe30+cv-Cg-[PE-SB]-SCm+cv	Fcult/NTcvr-Fcult/Dcvr-ST-SP-Fcult/NTcvr	2013 - 2017	5	0.2	0	36	137	-
CROOK 4	Coloma N	T4772	4	7.2	WI-Waushara	Okee (OkB)	4	200	0 - 2	0 - 300	P C	no / no	Cg-Sg15-Cg-Sg15-Cg	NT-NT-NT-NT-NT	2013 - 2017	4	0.0	0	45	222	-
DORNIK 1	Coloma N	T3636	1	10.9	WI-Waushara	Plainfield (PfC)	9	151	0 - 2	0 - 300	P C	no / no	Cg-Sg15-Cg-Sg15-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	72	222	0
DORNIK 15	Coloma N	T3636	15	15.3	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P	no / no	Cg-Sg15-Cg-Sg15-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	56	222	0
DORNIK 9	Coloma N	T3636	9	10.9	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P	no / no	Cg-Sg15-Cg-Sg15-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	62	222	0
F. E.Ely	Hwy V	T194	north	60.0	WI-Waushara	Sparta (Sp)	1	249	0 - 2	0 - 300	P C	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg	SP-Fcult/NTcvr-Fcult/Dcvr-ST	2013 - 2016	5	0.1	0	172	50	-39
F. Northmost Runway	Hwy V	T3874	4	39.5	WI-Waushara	Sparta (Sp)	1	249	0 - 2	0 - 300	P	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg-[PE-SB]	SP-Fcult/NTcvr-Fcult/Dcvr-ST-SP	2013 - 2017	5	0.1	0	88	146	0
F. V22	Hwy V	T3873	1	21.1	WI-Waushara	Sparta (Sp)	1	249	0 - 2	0 - 300	P	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg-[PE-SB]	SP-Fcult/NTcvr-Fcult/Dcvr-ST-SP	2013 - 2017	5	0.1	0	97	146	0
F. V55	Hwy V	T3873	2	59.3	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P C	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg-[PE-SB]	SP-Fcult/NTcvr-Fcult/Dcvr-ST-SP	2013 - 2017	5	0.2	0	93	146	0
F. W. Ely	Hwy V	T194	1	65.3	WI-Waushara	Richford (RfB)	4	200	0 - 2	0 - 300	P C	no / no	SBe30+cv-Cg-[PE-SB]-SCm+cv-SBe30+cv	Fcult/Dcvr-ST-SP-Fcult/NTcvr-Fcult/Dcvr	2013 - 2017	5	0.5	0	96	156	0
F.Airport	Hwy V	T3874	1	80.0	WI-Waushara	Sparta (Sp)	1	249	0 - 2	0 - 300	P C	no / no	Cg-[PE-SB]-SCm+cv-SBe30+cv-Cg	ST-SP-Fcult/NTcvr-Fcult/Dcvr-ST	2013 - 2017	5	0.1	0	90	99	0
F.Runway	Hwy V	T3874	3	85.0	WI-Waushara	Richford (RfA)	1	249	0 - 2	0 - 300	P C	no / no	SBe30+cv-Cg-[PE-SB]-SCm+cv-SBe30+cv	Fcult/Dcvr-ST-SP-Fcult/NTcvr-Fcult/Dcvr	2013 - 2017	5	0.2	0	97	156	0
Fenske 1	Fenske	T356	1	23.0	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	W C	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg	SP-Fcult/NTcvr-Fcult/Dcvr-ST	2013 - 2016	5	0.2	0	108	50	-39
Fenske 2A	Fenske	T356	2A	30.0	WI-Waushara	Plainfield (PfA)	1	249	0 - 2	0 - 300	W C	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg-Cg	SP-Fcult/NTcvr-Fcult/Dcvr-ST-ST	2013 - 2017	5	0.0	0	90	161	0
Fenske 3A	Fenske	T356	3A	20.1	WI-Waushara	Meehan (MoA)	2	249	0 - 2	0 - 300	P	no / no	Cg-[PE-SB]-SCm+cv-SBe30+cv-Cg	ST-SP-Fcult/NTcvr-Fcult/Dcvr-ST	2013 - 2017	5	0.3	0	69	62	0
Fenske 4	Fenske	T356	4	33.0	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P C	no / no	Cg-[PE-SB]-SCm+cv-SBe30+cv-Cg	ST-SP-Fcult/NTcvr-Fcult/Dcvr-ST	2013 - 2017	5	0.1	0	89	77	0

Field Name	Field Group (sub farm)	FSA Tract #	FSA Field #	Acres	County	Soil Series & Map Symbol	Field Slope (%)	Field Slope Length (ft)	Below Field Slope To Water (%)	Distance To Water (ft)	N and Field Restrictions	Contour / Filters	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
Fenske 4A	Fenske	T356	4A	31.8	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg-[PE-SB]	SP-Fcult/NTcvr-Fcult/Dcvr-ST-SP	2013 - 2017	5	0.2	0	81	146	0
Fenske 9	Fenske	T356	9	47.0	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P C	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg-[PE-SB]	SP-Fcult/NTcvr-Fcult/Dcvr-ST-SP	2013 - 2017	5	0.2	0	88	146	0
Fenske 9 A&B	Fenske	T356	9A&B	42.0	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P C	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg-[PE-SB]	SP-Fcult/NTcvr-Fcult/Dcvr-ST-SP	2013 - 2017	5	0.2	0	88	121	0
Fenske Krug	Fenske	T350 T351 T258	1	55.6	WI-Waushara	Richford (RfB)	4	200	0 - 2	0 - 300	W C	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg-[PE-SB]	SP-Fcult/NTcvr-Fcult/Dcvr-ST-SP	2013 - 2017	5	1.1	1	73	121	0
Gomoll 1	Gomoll	-		27.9	WI-Waushara	Plainfield (PfC)	9	151	0 - 2	0 - 300	P	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	42	274	-
Gomoll 10	Gomoll	-		7.4	WI-Waushara	Richford (RfB)	4	200	0 - 2	0 - 300	P S	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	85	274	0
Gomoll 11	Gomoll	-		28.0	WI-Waushara	Richford (RfB)	4	200	0 - 2	0 - 300	P S C	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	63	274	0
Gomoll 12	Gomoll	-		12.3	WI-Waushara	Coloma (CoC)	9	151	0 - 2	0 - 300	P	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	44	274	-
Gomoll 13	Gomoll	-		2.2	WI-Waushara	Coloma (CoB)	4	200	0 - 2	0 - 300	P S	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	56	274	0
Gomoll 15	Gomoll	-		10.0	WI-Waushara	Coloma (CoC)	9	151	0 - 2	0 - 300	P	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	45	274	-
Gomoll 2	Gomoll	-		9.5	WI-Waushara	Coloma (CoB)	4	200	0 - 2	0 - 300	P	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	39	274	-
Gomoll 3	Gomoll	-		3.2	WI-Waushara	Coloma (CoC)	9	151	0 - 2	0 - 300	P C	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	62	274	0
Gomoll 4	Gomoll	-		6.5	WI-Waushara	Coloma (CoC)	9	151	0 - 2	0 - 300	P	no / no	AB-AB-AB-AB-AB	None-None-None-None-None	2013 - 2017	5	0.0	0	54	-325	0
Gomoll 6	Gomoll	-		7.9	WI-Waushara	Plainfield (PfC)	9	151	0 - 2	0 - 300	P S	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	51	274	0
Gomoll 7	Gomoll	-		15.8	WI-Waushara	Plainfield (PfC)	9	151	0 - 2	0 - 300	P S	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	44	274	-
Gomoll 8	Gomoll	-		10.0	WI-Waushara	Plainfield (PfC)	9	151	0 - 2	0 - 300	P	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	41	274	-
Organic 1N	Lipke	T183	1	31.5	WI-Adams	Coloma (CoB)	4	200	0 - 2	0 - 300	W C	no / no	[SB-Fs]-AB-AB-AB	SCD-None-None-None	2013 - 2016	5	0.0	0	106	-152	-69
Organic 1S	Lipke	T183		33.0	WI-Adams	Richford (RfB)	4	200	0 - 2	0 - 300	W C	no / no	Cg-A-A-A	SP-None-None-None	2013 - 2016	5	0.3	0	104	-164	-79
Organic 2	Lipke	T183	2	66.0	WI-Adams	Coloma (CoB)	4	200	0 - 2	0 - 300	P	no / no	[PE-SB]-SCm+cv-AB-AB	SP-Fcult/NTcvr-None-None	2013 - 2016	5	0.1	0	104	-93	-55
Organic 3	Lipke	T4141	1	110.0	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P C	no / no	SCm+cv-SBe30+cv-Cg-[PE-SB]	Fcult/NTcvr-Fcult/Dcvr-ST-SP	2013 - 2016	5	0.2	0	103	66	-39
Organic 4	Lipke	T4141	1	38.0	WI-Waushara	Richford (RfB)	4	200	0 - 2	0 - 300	P C	no / no	SCm+cv-SBe30+cv-Cg-[PE-SB]	Fcult/NTcvr-Fcult/Dcvr-ST-SP	2013 - 2016	5	0.8	1	148	66	-39
Organic 5	Lipke	T4141		50.0	WI-Waushara	Sparta (Sp)	1	249	0 - 2	301 - 1000	P	no / no	Cg-[PE-SB]-SCm+cv-SBe30+cv	ST-SP-Fcult/NTcvr-Fcult/Dcvr	2013 - 2016	5	0.1	0	125	-22	-39
Organic 6N	Lipke	T4141		68.0	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P C	no / no	A-A-A-SCm+cv	None-None-None-Fcult/NTcvr	2013 - 2016	5	0.0	0	131	-110	-66
Organic 6S	Lipke	T4141		65.0	WI-Waushara	Richford (RfB)	4	200	0 - 2	0 - 300	P C	no / no	SBe30+cv-Cg-[PE-SB]-SCm+cv	Fcult/Dcvr-ST-SP-Fcult/NTcvr	2013 - 2016	5	0.8	1	103	66	-39
Organic 7	Lipke	T4141		30.0	WI-Waushara	Richford (RfA)	1	249	0 - 2	0 - 300	P C	no / no	AB-AB-[PE-SB]-SCm+cv-SBe30+cv	None-None-SP-Fcult/NTcvr-Fcult/Dcvr	2013 - 2017	5	0.1	0	45	0	-
Organic 8	Lipke	T4141		16.0	WI-Waushara	Plainfield (PfA)	1	249	0 - 2	0 - 300	P	no / no	AB-AB-[PE-SB]-SCm+cv-SBe30+cv	None-None-SP-Fcult/NTcvr-Fcult/Dcvr	2013 - 2017	5	0.0	0	73	26	0
PETERSON 1	Hwy V	T206	1	53.4	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P	no / no	SCm+cv-SBe30+cv-Cg-[PE-SB]-SCm+cv	Fcult/NTcvr-Fcult/Dcvr-ST-SP-Fcult/NTcvr	2013 - 2017	5	0.1	0	71	137	0
PETERSON 6	Hwy V	T206	6	31.1	WI-Waushara	Plainfield (PfC)	9	151	0 - 2	0 - 300	P	no / no	[PE-SB]-SCm+cv-SBe30+cv-Cg-[PE-SB]	SP-Fcult/NTcvr-Fcult/Dcvr-ST-SP	2013 - 2017	5	0.4	0	34	146	-
Rod and Gun 1	Rod & Gun	T4141	1	24.4	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P	no / no	Cg-Sg15-Cg-Sg15-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	66	222	0
Rod and Gun 2	Rod & Gun	T4141	2	8.8	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P	no / no	Cg-Sg15-Cg-Sg15-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	62	222	0
SCHMIDT 1	East Farm	T29	1	8.6	WI-Waushara	Richford (RfB)	4	200	0 - 2	0 - 300	P C	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	1	62	598	0
SCHMIDT 2	East Farm	T29	2	5.0	WI-Waushara	Richford (RfB)	4	200	0 - 2	0 - 300	P D C	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	1	32	598	-
SCHMIDT 3	East Farm	T29	3	7.6	WI-Waushara	Richford (RfB)	4	200	0 - 2	0 - 300	P	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	1	61	598	0
SCHULTZ 2	East Farm	T240	2	22.8	WI-Waushara	Boyer (ByB)	4	200	0 - 2	0 - 300	P	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	4	0.0	3	44	598	-

Field Name	Field Group (sub farm)	FSA Tract #	FSA Field #	Acres	County	Soil Series & Map Symbol	Field Slope (%)	Field Slope Length (ft)	Below Field Slope To Water (%)	Distance To Water (ft)	N and Field Restrictions	Contour / Filters	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
SCHULTZ 3	East Farm	T240	3	23.3	WI-Waushara	Boyer (ByB)	4	200	0 - 2	0 - 300	P S	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	4	0.0	3	40	598	-
SCHULTZ 5	East Farm	T240	5	7.4	WI-Waushara	Boyer (ByC)	9	151	0 - 2	0 - 300	P	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	4	0.0	3	56	598	0
SCHULTZ 7	East Farm	T240	7	4.5	WI-Waushara	Coloma (CoB)	4	200	0 - 2	0 - 300	P S	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	1	58	598	0
SCHULTZ 8	East Farm	T240	8	4.5	WI-Waushara	Richford (RfC)	9	151	0 - 2	0 - 300	P	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	1	73	598	0
SCHULTZ 9	East Farm	T240	9	44.0	WI-Waushara	Richford (RfB)	4	200	0 - 2	0 - 300	P S	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	1	59	598	0
SEMROW 6	Coloma N	T4773	6	8.8	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	0 - 300	P C	no / no	Cg-Sg15-Cg-Sg15-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	0	46	222	-
SEMROW 8	Coloma N	T4773	8	17.0	WI-Waushara	Boyer (ByC)	9	151	0 - 2	0 - 300	P C	no / no	Cg-Sg15-Cg-Sg15-Cg	NT-NT-NT-NT-NT	2013 - 2017	4	0.0	1	50	222	-
SHATTUCK	Beutler	-		30.0	WI-Waushara	Plainfield (PfA)	1	249	0 - 2	0 - 300	P	no / no	Cg-Cg-Cg-Cg-Cg	NT-NT-NT-NT-NT	2013 - 2017	5	0.0	1	40	598	-
Stahl	Stahl	T426	1	65.0	WI-Waushara	Plainfield (PfC)	9	151	0 - 2	0 - 300	P C	no / no	Cg-[PE-SB]-SCm+cv-SBe30+cv-Cg	ST-SP-Fcult/NTcvr-Fcult/Dcvr-ST	2013 - 2017	5	0.2	0	59	99	0

Crop Abbreviations

Abbreviation	Crop
[PE-SB]	Peas to Snapbean
[PE-SB]+cvr	Peas to Snapbean to small grain cover
[SB-Fs]	Snap beans to Late-Direct Seeded Legume Forage
[SB-SB]+cv	Snapbean to Snapbean to small grain cover
A	Alfalfa
AB	Alfalfa/Brome
ABs	Alfalfa/Brome Seeding Spring
Cg	Corn grain
Csl+cv	Corn silage to small grain cover crop
POl+cv	Potatoes, late harvest, to small grain cover crop
SBe30+cv	Snap Beans early plant to small grain cover crop
SCe	Sweet Corn early plant (before May 20)
SCe+cv	Sweet Corn early plant (before May 20) with small grain cover crop
SCm	Sweet Corn middle plant (May 20 - June 10)
SCm+cv	Sweet Corn middle plant (May 20 - June 10) with small grain cover crop
Sg15	Soybeans 15-20 inch row

Tillage Abbreviations

Abbreviation	Tillage
CP/Dcvr	Chisel Plow, cover crop disked
Fcult/Dcvr	Field Cultivation, cover crop disked
Fcult/NTcvr	Field Cultivation, cover crop no till
None	None
NT	No Till
SCD	Spring Chisel, disked
SP	Spring MB Plow
ST	Strip Till

Restriction Legend

Code	Description of Code
P	High permeability N restricted soils
R	N restricted soils with less than 20 inches to bedrock
W	N restricted soils with less than 12 inches to apparent water table
+	This map unit may have any of the N restrictive features, however an on-site investigation is needed to identify which restrictions may actually be present.
S	Field in SWQMA.
D	Drinking water well within 50 feet of field.
C	Conduit to groundwater within 200 feet upslope of field.
L	Local winter spreading restriction.

Snap-Plus Field Data and 590 Assessment Plan

Snap-Plus version 1.132.8

Reported for Frozene Farms

Printed 2/5/2013
Plan Completion/Update Date: 12/31/2012

Prepared by Paul Sturgis
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Prepared for
Frozene Farms
attn: Rick Frozene
W8390 Dyke Ct
Westfield, WI 53964

Field data: 92.2 total acres reported.

Field Name	Field Group (sub farm)	FSA Tract #	FSA Field #	Acres	County	Soil Series & Map Symbol	Field Slope (%)	Field Slope Length (ft)	Below Field Slope To Water (%)	Distance To Water (ft)	N and Field Restrictions	Contour / Filters	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
D1		-		28.7	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	5001 - 10000	P C	no / no	A-Cg-Cg-Cg-Cg	None-SCD-SCD-SCD-SCD	2013 - 2017	5	0.0	0	39	506	-
D2		-		26.1	WI-Waushara	Plainfield (PfB)	4	200	0 - 2	5001 - 10000	P C	no / no	Cg-Cg-Cg-Cg-Cg-Cg	SCD-SCD-SCD-SCD-SCD-SCD	2012 - 2017	5	0.0	0	31	488	-
E1		-		18.5	WI-Waushara	Richford (RfA)	1	249	0 - 2	5001 - 10000	P	no / no	A-Cg-Cg-Cg-Cg-Cg	None-SCD-SCD-SCD-SCD	2012 - 2017	5	0.0	0	28	483	-
E2		-		18.9	WI-Waushara	Richford (RfA)	1	249	0 - 2	5001 - 10000	P C	no / no	A-Cg-Cg-Cg-Cg-Cg	None-SCD-SCD-SCD-SCD	2012 - 2017	5	0.0	0	24	493	-

Crop Abbreviations

Abbreviation	Crop
A	Alfalfa
Cg	Corn grain

Tillage Abbreviations

Abbreviation	Tillage
None	None
SCD	Spring Chisel, disked

Restriction Legend

Code	Description of Code
P	High permeability N restricted soils
R	N restricted soils with less than 20 inches to bedrock
W	N restricted soils with less than 12 inches to apparent water table
+	This map unit may have any of the N restrictive features, however an on-site investigation is needed to identify which restrictions may actually be present.

S Field in SWQMA.
D Drinking water well within 50 feet of field.
C Conduit to groundwater within 200 feet upslope of field.
L Local winter spreading restriction.

Snap-Plus Field Data and 590 Assessment Plan

Snap-Plus version 1.132.8

Reported for Hooks Cal

Printed 2/7/2013
Plan Completion/Update Date: Missing

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pscroptech@gmail.com

Prepared for
Hooks Cal
attn:
1636 County Road G
Coloma, WI 54930

Field data: 10.2 total acres reported.

Field Name	Field Group (sub farm)	FSA Tract #	FSA Field #	Acres	County	Soil Series & Map Symbol	Field Slope (%)	Field Slope Length (ft)	Below Field Slope To Water (%)	Distance To Water (ft)	N and Field Restrictions	Contour / Filters	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
370	Hooks	-		3.3	WI-Adams	Richford (RfB)	4	200	0 - 2	5001 - 10000	P	no / no	A-A-A-A-A	None-None-None-None-None	2013 - 2017	5	0.0	0	77	-71	0
371	Hooks	-		6.9	WI-Adams	Billett (BlA)	2	249	0 - 2	5001 - 10000	-	no / no	A-A-A-A-A	None-None-None-None-None	2013 - 2017	4	0.0	0	66	-71	0

Crop Abbreviations

Abbreviation	Crop
A	Alfalfa

Tillage Abbreviations

Abbreviation	Tillage
None	None

Restriction Legend

Code	Description of Code
P	High permeability N restricted soils
R	N restricted soils with less than 20 inches to bedrock
W	N restricted soils with less than 12 inches to apparent water table
+	This map unit may have any of the N restrictive features, however an on-site investigation is needed to identify which restrictions may actually be present.
S	Field in SWQMA.
D	Drinking water well within 50 feet of field.
C	Conduit to groundwater within 200 feet upslope of field.
L	Local winter spreading restriction.

Snap-Plus Field Data and 590 Assessment Plan

Snap-Plus version 1.132.8

Reported for Jacobs Lois

Printed 2/7/2013
Plan Completion/Update Date: Missing

Prepared by Paul Sturgis
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Prepared for
Jacobs Lois

Field data: 87.7 total acres reported.

Field Name	Field Group (sub farm)	FSA Tract #	FSA Field #	Acres	County	Soil Series & Map Symbol	Field Slope (%)	Field Slope Length (ft)	Below Field Slope To Water (%)	Distance To Water (ft)	N and Field Restrictions	Contour / Filters	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
100	Jacobs L	-		17.4	WI-Adams	Coloma (CoB)	2	200	0 - 2	10001 - 20000	P C	no / no	A-A-A-A-A	None-None-None-None-None	2013 - 2017	5	0.0	0	86	-101	0
101	Jacobs L	-		15.0	WI-Adams	Coloma (CoB)	2	200	0 - 2	10001 - 20000	P	no / no	As-A	SP-None	2013 - 2017	5	0.0	NA	95	NA	NA
102	Jacobs L	-		14.8	WI-Adams	Coloma (CoB)	2	200	0 - 2	10001 - 20000	P	no / no	A-A	None-None	2013 - 2016	5	0.0	NA	203	NA	NA
103	Jacobs L	-		7.7	WI-Adams	Coloma (CoB)	2	200	0 - 2	10001 - 20000	P	no / no	A-A	None-None	2013 - 2016	5	0.0	NA	162	NA	NA
104	Jacobs L	-		32.8	WI-Adams	Coloma (CoB)	2	200	0 - 2	10001 - 20000	P	no / no	As-A	SP-None	2013 - 2016	5	0.0	NA	107	NA	NA

Crop Abbreviations

Abbreviation	Crop
A	Alfalfa
As	Alfalfa Seeding Spring
SGf	Sorghum-sudan forage

Tillage Abbreviations

Abbreviation	Tillage
None	None
SP	Spring MB Plow

Restriction Legend

Code	Description of Code
P	High permeability N restricted soils
R	N restricted soils with less than 20 inches to bedrock
W	N restricted soils with less than 12 inches to apparent water table
+	This map unit may have any of the N restrictive features, however an on-site investigation is needed to identify which restrictions may actually be present.

S Field in SWQMA.
D Drinking water well within 50 feet of field.
C Conduit to groundwater within 200 feet upslope of field.
L Local winter spreading restriction.

Snap-Plus Field Data and 590 Assessment Plan

Snap-Plus version 1.132.8

Reported for Wagner Farms Inc

Printed 2/7/2013
Plan Completion/Update Date: 12/27/2012

Prepared by Paul Sturgis
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Vesper, WI 54489
715-572-3625,
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Prepared for
Wagner Farms Inc
attn: Scott Parr
2372 5th Drive
Grand Marsh , WI 53934

Field data: 135.5 total acres reported.

Field Name	Field Group (sub farm)	FSA Tract #	FSA Field #	Acres	County	Soil Series & Map Symbol	Field Slope (%)	Field Slope Length (ft)	Below Field Slope To Water (%)	Distance To Water (ft)	N and Field Restrictions	Contour / Filters	Rotation	Tillage	Report Period	Field "T" t/ac	Rot Avg Soil Loss t/ac	Rot Avg PI	Soil Test P ppm	Rot P2O5 Bal lb/ac	P2O5 Bal Target lb/ac
400	Roberts Farm	-		12.2	WI-Adams	Coloma (CoC)	9	151	0 - 2	1001 - 5000	P	no / no	Rwg+s-Cg-Cg-Cg-Cg	FCD-SCD-SCD-SCD-SCD	2013 - 2017	5	0.0	0	73	388	0
401	Roberts Farm	-		5.5	WI-Adams	Coloma (CoB)	4	200	0 - 2	1001 - 5000	P	no / no	Rwg+s-Cg-Cg-Cg-Cg	FCD-SCD-SCD-SCD-SCD	2013 - 2017	5	0.0	0	47	472	-
402	Roberts Farm	-		5.8	WI-Adams	Coloma (CoB)	4	200	0 - 2	1001 - 5000	P	no / no	Rwg+s-Cg-Cg-Cg-Cg	FCD-SCD-SCD-SCD-SCD	2013 - 2017	5	0.0	0	88	472	0
403	Roberts Farm	-		6.8	WI-Adams	Coloma (CoB)	4	200	0 - 2	1001 - 5000	P	no / no	Rwg+s-Cg-Cg-Cg-Cg	FCD-SCD-SCD-SCD-SCD	2013 - 2017	5	0.0	0	48	472	-
404	Roberts Farm	-		8.1	WI-Adams	Coloma (CoB)	4	200	0 - 2	1001 - 5000	P	no / no	Rwg+s-Cg-Cg-Cg	FCD-SCD-SCD-SCD	2013 - 2016	5	0.1	0	128	-53	-39
405	Roberts Farm	-		5.0	WI-Adams	Plainfield (PfB)	4	200	0 - 2	1001 - 5000	P	no / no	Rwg+s-Cg-Cg-Cg-Cg	FCD-SCD-SCD-SCD-SCD	2013 - 2017	5	0.0	0	57	472	0
406	Roberts Farm	-		9.9	WI-Adams	Coloma (CoB)	4	200	0 - 2	1001 - 5000	P	no / no	Rwg+s-Cg-Cg-Cg-Cg	FCD-SCD-SCD-SCD-SCD	2013 - 2017	5	0.0	0	89	472	0
407	Roberts Farm	-		3.2	WI-Adams	Coloma (CoB)	4	200	0 - 2	1001 - 5000	P	no / no	Rwg+s-Cg-Cg-Cg-Cg	FCD-SCD-SCD-SCD-SCD	2013 - 2017	5	0.0	0	75	472	0
420	Morris Farm	-		79.0	WI-Adams	Plainfield (PfB)	4	200	0 - 2	0 - 300	P S C	no / no	Rwg+s-Cg-Cg-Cg-Cg	FCD-SCD-SCD-SCD-SCD	2013 - 2017	5	0.0	0	48	472	-

Crop Abbreviations

Abbreviation	Crop
Cg	Corn grain
Rwg+s	Winter rye grain + straw

Tillage Abbreviations

Abbreviation	Tillage
FCD	Fall Chisel, disked
SCD	Spring Chisel, disked

Restriction Legend

Code	Description of Code
P	High permeability N restricted soils
R	N restricted soils with less than 20 inches to bedrock
W	N restricted soils with less than 12 inches to apparent water table
+	This map unit may have any of the N restrictive features, however an on-site investigation is needed to identify which restrictions may actually be present.
S	Field in SWQMA.
D	Drinking water well within 50 feet of field.
C	Conduit to groundwater within 200 feet upslope of field.
L	Local winter spreading restriction.

Snap-Plus Application Restriction Compliance Check.

Snap-Plus version 1.132.8

Starting Year 2013
Reported for Church Farms

Printed 2/4/2013
Plan Completion/Update Date: 12/27/2012

Prepared by Paul Sturgis
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Prepared for
Church Farms
attn: Charles Church
643 Deerborn Dr
Grand Marsh, WI 53936

This farm uses PI for P2O5 590 compliance.

Rotational restriction problems

No rotational problems.

Application restriction problems

No application restriction problems.

Snap-Plus Application Restriction Compliance Check.

Snap-Plus version 1.132.8

Starting Year 2013
Reported for Flyte Family Farm

Printed 2/4/2013
Plan Completion/Update Date: Missing

Prepared by Paul Sturgis
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Prepared for
Flyte Family Farm
attn: Adam Flyte
Adam Flyte
W13450 Cottonville Ave.
Coloma, WI 54930

This farm uses PI for P2O5 590 compliance.

Rotational restriction problems

No rotational problems.

Application restriction problems

Field Name	Year	Problem	Explanation
6 AVE	2013	Too few soil samples for field size. Required 7 samples, actual 6 samples	
6 AVE	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	See sec 1 Narrative for explanations
6 AVE	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
6 AVE	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (75) has already been applied as manure or fertilizer.	
6 AVE	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
6 AVE	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	

Field Name	Year	Problem	Explanation
6 AVE	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (75) has already been applied as manure or fertilizer.	
6 AVE	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
ADAMSKI	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sec 1 narrative for explanations
ADAMSKI	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
ADAMSKI	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Bartel-Prochnow	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Bartel-Prochnow	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Bartel-Prochnow	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (160) has already been applied as manure or fertilizer.	
Bartel-Prochnow	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Bartel-Prochnow	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (160) has already been applied as manure or fertilizer.	
Bartel-Prochnow	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Bartel-Prochnow	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (160) has already been applied as manure or fertilizer.	
Bartel-Prochnow	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 1	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 1	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 1	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 1	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 1	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 1	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	

Field Name	Year	Problem	Explanation
Beutler 1	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 1	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 1	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 1	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	See sect 1 narrative for explanation
Beutler 2	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 2	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 2	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 2	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 4	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 4	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 4	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 4	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 4	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 42	2013	Too few soil samples for field size. Required 29 samples, actual 28 samples	
Beutler 42	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 42	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 42	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 42	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	

Field Name	Year	Problem	Explanation
Beutler 42	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 42	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 42	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
Beutler 42	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 42	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 42	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 5	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 5	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 5	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 5	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 5	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 5	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 5	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 5	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Beutler 5	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Beutler 5	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Bohn	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (145) has already been applied as manure or fertilizer.	
Bohn	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (145) has already been applied as manure or fertilizer.	
Bohn	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (145) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
CROOK 4	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
CROOK 4	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
CROOK 4	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	see sect 1 narrative for explantions
CROOK 4	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
CROOK 4	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
CROOK 4	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
CROOK 4	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
CROOK 4	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
DORNIK 1	2013	Too few soil samples for field size. Required 3 samples, actual 2 samples	
DORNIK 1	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
DORNIK 1	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
DORNIK 1	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
DORNIK 1	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
DORNIK 1	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
DORNIK 1	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
DORNIK 1	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
DORNIK 1	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
DORNIK 15	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
DORNIK 15	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
DORNIK 15	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
DORNIK 9	2013	Too few soil samples for field size. Required 3 samples, actual 2 samples	

Field Name	Year	Problem	Explanation
DORNIK 9	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
DORNIK 9	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	see section 1 narratives for explanations
DORNIK 9	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. E.Ely	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. E.Ely	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. E.Ely	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. E.Ely	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. Northmost Runway	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. Northmost Runway	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. Northmost Runway	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. Northmost Runway	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. Northmost Runway	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. V22	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. V22	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. V22	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
F. V22	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. V22	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. V55	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	see sect 1 narrative for explanations
F. V55	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. V55	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. V55	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. V55	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. W. Ely	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. W. Ely	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. W. Ely	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. W. Ely	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F. W. Ely	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F.Airport	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F.Airport	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F.Airport	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
F.Airport	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F.Airport	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F.Runway	2013	Too few soil samples for field size. Required 17 samples, actual 16 samples	see section 1 narratives for explanations
F.Runway	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F.Runway	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F.Runway	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F.Runway	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
F.Runway	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 1	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 1	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 1	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 1	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 2A	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 2A	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 2A	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 2A	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
Fenske 2A	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 3A	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
Fenske 3A	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 3A	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 3A	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 3A	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 4	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 4	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 4	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 4	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 4	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 4A	2013	Too few soil samples for field size. Required 7 samples, actual 6 samples	
Fenske 4A	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 4A	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 4A	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 4A	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
Fenske 4A	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 9	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
Fenske 9	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 9	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 9	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 9	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 9 A&B	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 9 A&B	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 9 A&B	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 9 A&B	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske 9 A&B	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske Krug	2013	Too few soil samples for field size. Required 12 samples, actual 11 samples	
Fenske Krug	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske Krug	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske Krug	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Fenske Krug	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
Fenske Krug	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 1	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	
Gomoll 1	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
Gomoll 1	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	
Gomoll 10	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 10	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 10	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 10	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 10	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 11	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 11	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Gomoll 11	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 11	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Gomoll 11	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 11	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Gomoll 11	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 11	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	

Field Name	Year	Problem	Explanation
Gomoll 11	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 11	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Gomoll 12	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 12	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
Gomoll 12	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 12	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 12	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 13	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 13	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 13	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 13	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 13	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 15	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 15	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 15	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 15	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
Gomoll 15	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 2	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	
Gomoll 2	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
Gomoll 2	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	
Gomoll 3	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 3	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Gomoll 3	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 3	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Gomoll 3	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 3	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Gomoll 3	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 3	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Gomoll 3	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 3	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Gomoll 6	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 6	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 6	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 6	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
Gomoll 6	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 7	2013	Too few soil samples for field size. Required 4 samples, actual 3 samples	
Gomoll 7	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
Gomoll 7	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 7	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 7	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 7	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Gomoll 8	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	
Gomoll 8	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	
Gomoll 8	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	
Organic 1N	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 1N	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 1N	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 1N	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 1N	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 1S	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 1S	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 1S	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 1S	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	

Field Name	Year	Problem	Explanation
Organic 1S	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 1S	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 2	2013	Too few soil samples for field size. Required 14 samples, actual not recorded.	
Organic 2	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
Organic 2	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 3	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 3	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 3	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 3	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 4	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 4	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 4	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 4	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 5	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 5	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 5	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 5	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
Organic 6N	2013	Too few soil samples for field size. Required 14 samples, actual not recorded.	
Organic 6N	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 6N	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 6N	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
Organic 6S	2013	Too few soil samples for field size. Required 13 samples, actual not recorded.	
Organic 6S	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 6S	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 6S	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 6S	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 7	2013	Too few soil samples for field size. Required 6 samples, actual 4 samples	
Organic 7	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
Organic 7	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (130) has already been applied as manure or fertilizer.	
Organic 7	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (130) has already been applied as manure or fertilizer.	
Organic 8	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 8	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Organic 8	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
PETERSON 1	2013	Too few soil samples for field size. Required 11 samples, actual 10 samples	
PETERSON 1	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
PETERSON 1	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this	

Field Name	Year	Problem	Explanation
		field (0) has already been applied as manure or fertilizer.	
PETERSON 1	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
PETERSON 1	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
PETERSON 1	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
PETERSON 6	2013	Too few soil samples for field size. Required 7 samples, actual 6 samples	
PETERSON 6	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (155) has already been applied as manure or fertilizer.	
PETERSON 6	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (155) has already been applied as manure or fertilizer.	
PETERSON 6	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (155) has already been applied as manure or fertilizer.	
Rod and Gun 1	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Rod and Gun 1	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Rod and Gun 1	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Rod and Gun 2	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Rod and Gun 2	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Rod and Gun 2	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHMIDT 1	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHMIDT 1	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SCHMIDT 1	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
SCHMIDT 1	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SCHMIDT 1	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHMIDT 1	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SCHMIDT 1	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
SCHMIDT 1	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SCHMIDT 1	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHMIDT 1	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SCHMIDT 2	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SCHMIDT 2	2014	Manure can not be applied within 50 feet of a drinking water well. Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SCHMIDT 2	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (225) has already been applied as manure or fertilizer.	
SCHMIDT 2	2015	Manure can not be applied within 50 feet of a drinking water well. Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SCHMIDT 2	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (225) has already been applied as manure or fertilizer.	
SCHMIDT 2	2016	Manure can not be applied within 50 feet of a drinking water well. Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SCHMIDT 2	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (225) has already been applied as manure or fertilizer.	
SCHMIDT 2	2017	Manure can not be applied within 50 feet of a drinking water well. Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SCHMIDT 3	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHMIDT 3	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHMIDT 3	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
SCHMIDT 3	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHMIDT 3	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
SCHULTZ 2	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 2	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 2	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 2	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 2	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 3	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 3	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 3	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 3	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 3	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 5	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 5	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 5	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
SCHULTZ 5	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 5	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 7	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
SCHULTZ 7	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 7	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 7	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 7	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 8	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 8	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 8	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 8	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 8	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 9	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 9	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 9	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
SCHULTZ 9	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SCHULTZ 9	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SEMROW 6	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SEMROW 6	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	See sect 1 narrative for explanations
SEMROW 6	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SEMROW 6	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SEMROW 6	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SEMROW 6	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SEMROW 6	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SEMROW 6	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SEMROW 8	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SEMROW 8	2013	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SEMROW 8	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SEMROW 8	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SEMROW 8	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SEMROW 8	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SEMROW 8	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
SEMROW 8	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	
SHATTUCK	2013	Too few soil samples for field size. Required 6 samples, actual 5 samples	
SHATTUCK	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	

Field Name	Year	Problem	Explanation
SHATTUCK	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	
SHATTUCK	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	
SHATTUCK	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (125) has already been applied as manure or fertilizer.	See sect 1 narrative for explanations
Stahl	2013	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Stahl	2014	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Stahl	2015	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Stahl	2016	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	
Stahl	2017	Excess fertilizer P2O5. More than the entire P2O5 recommendation for the planned rotation on this field (0) has already been applied as manure or fertilizer.	

Snap-Plus Application Restriction Compliance Check.

Snap-Plus version 1.132.8

Starting Year 2013
Reported for Frozene Farms

Printed 2/7/2013
Plan Completion/Update Date: 12/31/2012

Prepared by Paul Sturgis
Croptech Agronomics LLC
5944 Maplewood Rd
Vesper, WI 54489
715-572-3625,
pscroptech@gmail.com

Prepared for
Frozene Farms
attn: Rick Frozene
W8390 Dyke Ct
Westfield, WI 53964

This farm uses PI for P2O5 590 compliance.

Rotational restriction problems

No rotational problems.

Application restriction problems

No application restriction problems.

Snap-Plus Application Restriction Compliance Check.

Snap-Plus version 1.132.8

Starting Year 2013
Reported for Hooks Cal

Printed 2/7/2013
Plan Completion/Update Date: Missing

Prepared by Paul Sturgis
Croptech Agronomics LLC
5944 Maplewood Rd.
Vesper, WI 54489
715-572-3625, 715-318-6436
pscroptech@gmail.com

Prepared for
Hooks Cal
attn:
1636 County Road G
Coloma, WI 54930

This farm uses PI for P2O5 590 compliance.

Rotational restriction problems

No rotational problems.

Application restriction problems

No application restriction problems.

Snap-Plus Application Restriction Compliance Check.

Snap-Plus version 1.132.8

Starting Year 2013
Reported for Jacobs Lois

Printed 2/7/2013
Plan Completion/Update Date: Missing

Prepared by Paul Sturgis
Croptech Agronomics LLC
5944 Maplewood Rd.
Vesper, WI 54489
715-572-3625, 715-318-6436
pscroptech@gmail.com

Prepared for
Jacobs Lois

This farm uses PI for P2O5 590 compliance.

Rotational restriction problems

No rotational problems.

Application restriction problems

Field Name	Year	Problem	Explanation
100	2014	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	Applications will be in early to mid summer on a growing crop. Well setback will be monitored.
100	2015	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	Applications will be in early to mid summer on a growing crop. Well setback will be monitored.
100	2016	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	Applications will be in early to mid summer on a growing crop. Well setback will be monitored.
100	2017	Unincorporated or grazing applications upslope of conduits to groundwater: well within 200 feet.	Applications will be in early to mid summer on a growing crop. Well setback will be monitored.

Snap-Plus Application Restriction Compliance Check.

Snap-Plus version 1.132.8

Starting Year 2013
Reported for Wagner Farms Inc

Printed 2/7/2013
Plan Completion/Update Date: 12/27/2012

Prepared by Paul Sturgis
Croptech Agronomics LLC
5944 Maplewood Rd
Vesper, WI 54489
715-572-3625,
pscroptech@gmail.com

Prepared for
Wagner Farms Inc
attn: Scott Parr
2372 5th Drive
Grand Marsh , WI 53934

This farm uses PI for P2O5 590 compliance.

Rotational restriction problems

No rotational problems.

Application restriction problems

No application restriction problems.

Total Manure and Wastewater	1,661,115	CuFt
15% of total as liquid	249,167	CuFt
Converted to gallons at 7.5 gls/cuft	1,868,753	Gallons
85% of total as solid	1,411,947	CuFt
Converted to tons at 65 lbs/cuft	45,888	Tons
Total Runoff	185,000	CuFt
Amt of first flush to storage	75,000	Gallons
Amt of Runoff to VTA (will be collected)	175,000	CuFt
Runoff converted to gallons at 7.5 gl/cuft	1,387,500	Gallons

Manure/wastewate + first flush	**1,943,753**	**Gallons**
Amt Runoff collected in separate basin	1,387,500	Gallons
Tons Tons from Manure/Wastewater	**45,888**	**Tons**

WASTE STORAGE FACILITY DESIGN - 313 STANDARD

Exhibit 8-1

CLIENT: Opitz Heifers COUNTY: Adams DATE: 3/30/13

DSN BY: JMR CHK BY: _ DATE: _

COMMENT Heifer WSF 2013 3100 hd

ANIMAL TYPE> 1 (1=DAIRY, 2=BEEF, 3=VEAL, 4=SWINE(finishing), 5=SWINE(farrowing), 6=POULTRY, 0=OTHER)

For Dairy: Rolling Her 27,000 lbs/cow/yr Is it a stanchion barn? n (Y or N)

MANURE AND WASTEWATER

LIVESTOCK KIND	NUMBER	AVG. WT. PER HEAD	DAILY OUTPUT, CU FT MANURE	BEDDING	TOTAL	DAYS OF STORAGE	VOLUME REQUIRED	ANIMAL UNITS
Heifers	1470	600	1.00	0.10	1617.0	365	590,205	882
Heifers	1630	1,090	1.70	0.10	2934.0	365	1,070,910	1,777
Heifers	0	600	1.00	0.10				

WASTEWATER: GAL/DAY= 0.0 CU FT/DAY 2,659 TOT. A.U.

TOTAL DAILY VOLUM 4551.0 CU FT / DAY

12,425,140 GALLONS

Total Manure and Wastewater 1,661,115 CU FT

Expected % solids in waste (Includes runoff and preci 11.2 %

RUNOFF

MONTHLY RUNOFF

RCN	95	21.8	IN.	X	51,000	Ft2	Drainage Area=		92,650	CU FT
		12					(Do not include storage area)			
25-Year, 24-Hour Runoff										
RCN	95	4.12	IN.	X	51,000	Ft2	Drainage Area=		17,521	CU FT
		12					(Do not include storage area)			

							Total Runoff		110,171	CU FT
							Total for Manure, Milking Center, and Runoff		1,771,286	CU FT
									13,249,217	GALLONS
PRECIPITATION							Does the fa	1	(1 for yes, 2 for no)	
							Beginning	1	(1=Jan, 2=Feb, etc.)	
							INCHES		FEET	
						Average Precipitation on Storage Surface		31.1	2.6	
						Average Evaporation from Sto -		27.4	2.3	
						Net Precipitation on Storage Surface		3.7	0.3	
						25-Year, 24-Hour Precipitation on +		4.7	0.4	
						Total Precip		8.4 IN.	0.7	FT
REMAINING WASTE							(If no sump	0.0	FT	
EXTRA DEPTH FOR SAFETY							(1-ft. Minir	1.0	FT	
SETTLEMENT							(5% of Emb	0.2	FT	
DEPTH							(Depth to hold Manure, Wastewater, and Runoff)		14.1	

							Total Depth	16.0	FT	
STORAGE FACILITY ELEVATIONS										
							ELEV	103.8		
Extra Depth for Safety						Settlement				
25 year Precip. & Runoff							ELEV	102.1		
					Maximum Operating Level					
Manure and Wastewater										
Precip. Minus evaporation									16.0	FT
Runoff Volume										
Remaining waste			Bottom of storage facility				ELEV	87.8		
STORAGE DIMENSIONS AND SIZING										
SIDE SLOPES OF STORAGE			(Use "0" for walls)				3.0	:1		

CHOOSE A BOTTOM WIDTH	80 FT	
BOTTOM LENGTH REQUIRED		980 FT
ROUND STORAGE BOTTOM DIAMETER		358 FT

SECTION FOR FIGURING VOLUME OF A CHOSEN OR EXISTING STORAGE FACILITY — 1,771,286 CU FT NEEDED

BOTTOM SIDE 1:	80 FT	
BOTTOM SIDE 2:	500 FT	
DESIGN VOLUME PROVIDED:	0	943,568 CU FT
DAYS STORAGE PROVIDED:		194 DAYS
TOTAL VOLUME FROM BOTTOM TO SETTLED TOP:		8,330,516 GALLONS
CHOOSE BOTTOM:	107 FT DIAM	
DESIGN VOLUME:		253,446 CU FT
DAYS STORAGE:		52 DAYS

EMBANKMENT DIMENSIONS

STA.	ELEV.	OUT Z	TOP W.	STA.	ELEV.	OUT Z	TOP W.
0	98.0	3	10				
600	98.0	3	10				

WASTE STORAGE FACILITY DESIGN - 313 STANDARD

CLIENT: Opitz Custom Heifers COUNTY: Adams DATE: 4/8113

DSN BY: RGS CHK BY DATE:

COMMENT

ANIMAL TYPE> 1 (1 =DAIRY, 2= BEEF, 3 = VEAL, 4 =SWINE(finishing), 5 = SWINE(farrowing),

For Dairy: Rolling Herd Average 6 = POULTRY, 0= OTHER) N 1(Y

MANURE AND WASTEWATER Is it a stanchion barn?

LIVESTOCK KIND	LIVESTOCK NUMBER	AVG. WT. PER HEAD	DAILY OUTPUT, CU FT MANURE	DAILY OUTPUT, CU FT BEDDING	DAILY OUTPUT, CU FT TOTAL	DAYS OF STORAGE	VOLUME REQUIRED	ANIMAL UNITS
						270		

WASTEWATER: GAL/DAY = 0.0 CU FT/DAY — 0

TOTAL DAILY VOLUME: 0.0 CU FT / DAY — 0 or N)

Total Manure and **Wastewater** — 0 TOT. A.U.

Expected % solids in waste (Includes runoff and precip.) — 0.0 GALLONS %-

RUNOFF

MONTHLY RCNE	RUNOFF		IN. X1		
25-Year, 24-Hour RCN	951	18.5	IN. X	120,000	Ft2 Drainage Area= 185,000 CU FT (Do not include storage area)
	Runoff 95	124.12		120,000	Ft2 Drainage Area = 41,225 CU FT (Do not include storage area)

	12	Total Runoff 226,225 CU FT				
			Total for Manure, Milking Center, and Runoff		226,225	CU FT
					1,692,164	GALLONS

PRECIPITATION	Does the facility collect precipitation? (No		roof or lid)		(1 for yes, 2 (1=Jan,	for no)
	Beginning Month for Precip.		Collection		2=Feb,	etc.)
	Precipitation on Storage Surface Evaporation from Storage Surface		INCHES	3 IN.	FEET	FT
Average 25-Year, 24-Hour	Net Precipitation on Storage Surface	27.8 26.3			2.3 2.2	
	Precipitation on Storage Surface A-	1.5 4.7			0.1 0.4	
	Total Precipitation		6.2			0.5
	Average					6.51
REMAINING WASTE	(If no			0.0		
EXTRA DEPTH FOR SAFETY				1.0	1 FT FT FT	
			sump, use these minimums: ponds -2', tanks-1')1	1		
SETTLEMENT			(1-ft. Minimum)			
			(5% of Embankment Height) (Depth to hold Manure, Wastewater, and Runoff)			
			Total Depth of the Storage Facility'			
DEPTH						
					8.0 FT	I

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Leachate and First Flush Volume Calculation Worksheet
Opitz Heifers

Prepared By: Rich Seas
Date: 11-10-10

Input Data	Dimensions Length	Width	Area	
Existing Feed Storage Area A	300	250	75,000	ft^2
Existing Feed Storage Area B	100	50	5,000	ft^2
Existing Apron Area A	100	250	25,000	ft^2
Existing Apron Area B	150	100	15,000	ft^2
			-	ft^2
Total Area With Apron			120,000	ft^2
Total Area With Apron			2.8	Acres
Total Feed Storage Area Less Apron			80,000	ft^2

Volume of Feed Stored in the Facility

Silage Height	12	ft
Silage Density (default)	60	lbs/ft^3
Silage Volume	28,800	tons

Calculated Annual Leachate Volume

Silage Stored	28,800	tons
Leachate Volume Generated per Ton	0.5	ft^3/ton
Annual Leachate Generated	14,400	ft^3
Annual Leachate Generated	107,712	gal
Leachate Generated Per Day (30 day period)	3,590	gal/day
Leachate Generated Per Day (30 day period)	480	ft^3/day

Calculated First Flush Runoff Generation

Total Feed Storage Area With Apron	120,000	ft^2
First Flush Volume Collected per Rain Event	0.05	in
First Flush Volume Collected per Rain Event	500	ft^3/event
First Flush Volume Collected per Rain Event)	3,740	gal
Number of Rain Events (annual)	20	
Total Annual First Flush Volume Generated)	10,000	ft^3
Total Annual First Flush Volume Generated	74,800	gal

Total Annual Leachate & First Flush Volume	182,512	gal
Total Daily Leachate & First Flush Volume	7,330	gal
Volume to Use For Calculation	7,500	gal

Leachate Collection Tank Volume		
Leachate Volume	480	ft^3/day
1st Flush Volume	500	ft^3/event
Total Design Volume	980	ft^3

Summary		
Annual Leachate Generated	14,400	ft^3
Annual First Flush Runoff Generated	10,000	ft^3
Total Annual Volume to Store	24,400	ft^3
Total Annual Volume to Store	182,512	gal

Cell to Enter Data Into	
Cell has Formula and is Calculated	

Landowner: Burr Oak Heifers, LLC Date: 2/7/2013

Completed By: JMR

Comments:

Identify each type of livestock that you might keep at the facility. Enter the maximum number of animals of each type that you might keep for at least 90 days in any 12−month period.

CURRENT NUMBER OF ANIMAL UNITS ON OPERATION		Number	Avg Weight	Equivalent 1000 lb animal	NR-243 Mixed Animals		NR-243 Non-Mixed Animals		
					Equiv. Factor	AU	Equiv. Factor	Number	AU
Dairy Cattle	Milking and Dry Cows				**1.4**		**1.43**		
	Heifers (800 lbs. to 1200 lbs.)	1630	1090	1776.7	**1.1**	1793	**1**	3100	3100
	Heifers (400 lbs. to 800 lbs.)	1470	600	882	**0.6**	882			
Beef and Dairy Calves (up to 400 lbs.)					**0.2**				
Beef	Steers or Cows (400 lbs. to market)				**1**		**1**		
	Bulls (each)				**1.4**				
Veal Calves					**0.5**		**1**		
Swine	Pigs (up to 55 lbs.)				**0.1**		**0.1**		
	Pigs (55 lbs. to market)				**0.4**				
	Sows (each)				**0.4**		**0.4**		
	Boars (each)				**0.5**				
Poultry	Layers (each) non-liquid manure system				**0.01**		**0.012**		
	Broilers/Pullets (each) non-liquid manure system				**0.005**		**0.008**		
	per bird − liquid manure system				**0.033**		**0.033**		
Ducks	Ducks (each) liquid manure system				**0.2**		**0.2**		
	Ducks (each) non-liquid manure system				**0.01**		**0.033**		
Turkeys (each)					**0.018**		**0.018**		
Sheep (each)					**0.1**		**0.1**		
Horses (each)					**2**		**2**		
	Total Animal Units =			2658.7		2675			3100

NR-243 AU calculation = 3100

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Church Farms

Snap-Plus version 1.132.8

Printed 2/4/2013
Plan Completion/Update Date: 12/27/2012

Prepared by Paul Sturgis
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pscroptech@gmail.com

Prepared for
Church Farms
attn: Charles Church
643 Deerborn Dr
Grand Marsh, WI 53936

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)	0	0	0	0	0
	Used (Tons)	0	10404	11936	11838	10043
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)	54	54	54	54	54
Total Value (total source volume, incorporated, includes sulphur)						

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
				Farm Totals	0	0

Manure Storage Pits for 2014

Pit	Volume	Number of	Total

Spreaders for 2014

Spreader	Load	Number of	Total	Calibration	Calibration

Name	Times Emptied per Year	Collected Annually
	Total Pit Tons = 0	**Total Pit Gallons** = 0

Name	Size	Loads per Year	Collected Annually	Date	Notes
		Total Spreader Tons = 0	**Total Spreader Gallons** = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Church Farms

Snap-Plus version 1.132.8

Printed 2/4/2013
Plan Completion/Update Date: 12/27/2012

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Prepared for
Church Farms
attn: Charles Church
643 Deerborn Dr
Grand Marsh, WI 53936

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)	0	0	0	0	0
	Used (Tons)	0	10404	11936	11838	10043
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)	54	54	54	54	54
Total Value (total source volume, incorporated, includes sulphur)						

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
				Farm Totals	0	0

Manure Storage Pits for 2014

Pit	Volume	Number of	Total

Spreaders for 2014

Spreader	Load	Number of	Total	Calibration	Calibration

Name	Times Emptied per Year	Collected Annually
	Total Pit Tons = 0	**Total Pit Gallons** = 0

Name	Size	Loads per Year	Collected Annually	Date	Notes
		Total Spreader Tons = 0	**Total Spreader Gallons** = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Flyte Family Farm

Snap-Plus version 1.132.8

Printed 2/4/2013
Plan Completion/Update Date: Missing

Prepared by Paul Sturgis
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Prepared for
Flyte Family Farm
attn: Adam Flyte
Adam Flyte
W13450 Cottonville Ave.
Coloma, WI 54930

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)	0	0	0	0	0
	Used (Tons)	0	34254	26446	35534	38894
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)	54	54	54	54	54
	Total Value (total source volume, incorporated, includes sulphur)					
BOH Liquid	Production (Gallons)		0	0	0	0
	Used (Gallons)		1462500	1332500	652500	652500
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)		7/10-5-16	7/10-5-16	7/10-5-16	7/10-5-16
	Dry Matter (%)		6	6	6	6
	Total Value (total source volume, incorporated, includes sulphur)					

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
				Farm Totals	0	0

Manure Storage Pits for 2014

Pit Name	Volume	Number of Times Emptied per Year	Total Collected Annually
		Total Pit Tons = 0	Total Pit Gallons = 0

Spreaders for 2014

Spreader Name	Load Size	Number of Loads per Year	Total Collected Annually	Calibration Date	Calibration Notes
		Total Spreader Tons = 0	Total Spreader Gallons = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Frozene Farms

Snap-Plus version 1.132.8

Printed 2/5/2013
Plan Completion/Update Date: 12/31/2012

Prepared for
Frozene Farms
attn: Rick Frozene
W8390 Dyke Ct
Westfield, WI 53964

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)	0	0	0	0	0
	Used (Tons)	0	3688	3688	3688	3688
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)	54	54	54	54	54
	Total Value (total source volume, incorporated, includes sulphur)					

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
				Farm Totals	0	0

Manure Storage Pits for 2014

Pit	Volume	Number of	Total

Spreaders for 2014

Spreader	Load	Number of	Total	Calibration	Calibration

Name	Times Emptied per Year	Collected Annually
	Total Pit Tons = 0	**Total Pit Gallons** = 0

Name	Size	Loads per Year	Collected Annually	Date	Notes
		Total Spreader Tons = 0	**Total Spreader Gallons** = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Hooks Cal

Snap-Plus version 1.132.8

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Plan Completion/Update Date: Missing

Prepared by Paul Sturgis
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Prepared for
Hooks Cal
attn:
1636 County Road G
Coloma, WI 54930

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)	0	0	0	0	0
	Used (Tons)	0	0	0	0	0
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)	54	54	54	54	54
	Total Value (total source volume, incorporated, includes sulphur)					
BOH Liquid	Production (Gallons)	0	0	0	0	0
	Used (Gallons)	0	102000	102000	102000	102000
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	7/10-5-16	7/10-5-16	7/10-5-16	7/10-5-16	7/10-5-16
	Dry Matter (%)	6	6	6	6	6
	Total Value (total source volume, incorporated, includes sulphur)					

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
				Farm Totals	0	0

Manure Storage Pits for 2014

Pit Name	Volume	Number of Times Emptied per Year	Total Collected Annually
		Total Pit Tons = 0	Total Pit Gallons = 0

Spreaders for 2014

Spreader Name	Load Size	Number of Loads per Year	Total Collected Annually	Calibration Date	Calibration Notes
		Total Spreader Tons = 0	Total Spreader Gallons = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Jacobs Lois

Snap-Plus version 1.132.8

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Prepared for
Jacobs Lois

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)		0	0	0	0
	Used (Tons)		0	0	0	0
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)		2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)		54	54	54	54
	Total Value (total source volume, incorporated, includes sulphur)					
BOH Liquid	Production (Gallons)		0	0	0	0
	Used (Gallons)		565000	565000	526500	729000
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)		7/10-5-16	7/10-5-16	7/10-5-16	7/10-5-16
	Dry Matter (%)		6	6	6	6
	Total Value (total source volume, incorporated, includes sulphur)					
OCH	Production (Tons)	0				
	Used (Tons)	0				

		2013	2014	2015	2016	2017
OCH Headlocks	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/2-4-5				
	Dry Matter (%)	54				
	Total Value (total source volume, incorporated, includes sulphur)					
	Production (Tons)	0				
	Used (Tons)	694				
OCH Liquid	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	7/10-5-16				
	Dry Matter (%)	6				
	Total Value (total source volume, incorporated, includes sulphur)					

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
Dairy Heifer 1000 lbs	1700	365	80	20	20352	2233800
Dairy Heifer 750 lbs	1700	365	80	20	16133	1712580
				Farm Totals	36485	3946380

Manure Storage Pits for 2014

Pit Name	Volume	Number of Times Emptied per Year	Total Collected Annually

Spreaders for 2014

Spreader Name	Load Size	Number of Loads per Year	Total Collected Annually	Calibration Date	Calibration Notes
		Total	Total		

Pit Name	Volume	Number of Times Emptied per Year	Total Collected Annually
		Total Pit Tons = 0	**Total Pit Gallons** = 0

Spreader Name	Load Size	Number of Loads per Year	Total Collected Annually	Calibration Date	Calibration Notes
		Spreader Tons = 0	**Spreader Gallons** = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Wagner Farms Inc

Snap-Plus version 1.132.8

Printed 2/7/2013
Plan Completion/Update Date: 12/27/2012

Prepared by Paul Sturgis
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Prepared for
Wagner Farms Inc
attn: Scott Parr
2372 5th Drive
Grand Marsh , WI 53934

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)	0	0	0	0	0
	Used (Tons)	0	5096	5258	4852	5258
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	17/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)	54	54	54	54	54
	Total Value (total source volume, incorporated, includes sulphur)					

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
				Farm Totals	0	0

Manure Storage Pits for 2014

Pit	Volume	Number of	Total

Spreaders for 2014

Spreader	Load	Number of	Total	Calibration	Calibration

Name	Times Emptied per Year	Collected Annually
	Total Pit Tons = 0	**Total Pit Gallons** = 0

Name	Size	Loads per Year	Collected Annually	Date	Notes
		Total Spreader Tons = 0	**Total Spreader Gallons** = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Flyte Family Farm

Snap-Plus version 1.132.8

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Plan Completion/Update Date: Missing

Prepared by Paul Sturgis
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Prepared for
Flyte Family Farm
attn: Adam Flyte
Adam Flyte
W13450 Cottonville Ave.
Coloma, WI 54930

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)	0	0	0	0	0
	Used (Tons)	0	34254	26044	33582	37634
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)	54	54	54	54	54
	Total Value (total source volume, incorporated, includes sulphur)					
BOH Liquid	Production (Gallons)		0	0	0	0
	Used (Gallons)		1462500	1493300	1628500	1282500
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)		7/10-5-16	7/10-5-16	7/10-5-16	7/10-5-16
	Dry Matter (%)		6	6	6	6
	Total Value (total source volume, incorporated, includes sulphur)					
BOH Second Flush	Production (Gallons)		0	0	0	0
	Used (Gallons)		1200000	1260000	1320000	1320000
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)		0/0-0-0	0/0-0-0	0/0-0-0	0/0-0-0
	Dry Matter (%)		1	1	1	1
	Total Value (total source volume, incorporated, includes sulphur)					

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
				Farm Totals	0	0

Manure Storage Pits for 2014

Pit Name	Volume	Number of Times Emptied per Year	Total Collected Annually
		Total Pit Tons = 0	Total Pit Gallons = 0

Spreaders for 2014

Spreader Name	Load Size	Number of Loads per Year	Total Collected Annually	Calibration Date	Calibration Notes
		Total Spreader Tons = 0	Total Spreader Gallons = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Frozene Farms

Snap-Plus version 1.132.8

Printed 2/5/2013
Plan Completion/Update Date: 12/31/2012

Prepared for
Frozene Farms
attn: Rick Frozene
W8390 Dyke Ct
Westfield, WI 53964

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)	0	0	0	0	0
	Used (Tons)	0	3688	3688	3688	3688
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)	54	54	54	54	54
	Total Value (total source volume, incorporated, includes sulphur)					

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
				Farm Totals	0	0

Manure Storage Pits for 2014

Pit	Volume	Number of	Total

Spreaders for 2014

Spreader	Load	Number of	Total	Calibration	Calibration

Name	Times Emptied per Year	Collected Annually
	Total Pit Tons = 0	**Total Pit Gallons** = 0

Name	Size	Loads per Year	Collected Annually	Date	Notes
		Total Spreader Tons = 0	**Total Spreader Gallons** = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Hooks Cal

Snap-Plus version 1.132.8

Printed 2/7/2013
Plan Completion/Update Date: Missing

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Prepared for
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Coloma, WI 54930

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)	0	0	0	0	0
	Used (Tons)	0	0	0	0	0
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)	54	54	54	54	54
	Total Value (total source volume, incorporated, includes sulphur)					
BOH Liquid	Production (Gallons)	0	0	0	0	0
	Used (Gallons)	0	102000	102000	102000	102000
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	7/10-5-16	7/10-5-16	7/10-5-16	7/10-5-16	7/10-5-16
	Dry Matter (%)	6	6	6	6	6
	Total Value (total source volume, incorporated, includes sulphur)					

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
				Farm Totals	0	0

Manure Storage Pits for 2014

Pit Name	Volume	Number of Times Emptied per Year	Total Collected Annually
		Total Pit Tons = 0	Total Pit Gallons = 0

Spreaders for 2014

Spreader Name	Load Size	Number of Loads per Year	Total Collected Annually	Calibration Date	Calibration Notes
		Total Spreader Tons = 0	Total Spreader Gallons = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Jacobs Lois

Snap-Plus version 1.132.8

Printed 4/16/2013
Plan Completion/Update Date: Missing

Prepared by Paul Sturgis
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715-572-3625, 715-318-6436
pscroptech@gmail.com

Prepared for
Jacobs Lois

Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)		0	0	0	0
	Used (Tons)		0	0	0	0
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)		2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)		54	54	54	54
	Total Value (total source volume, incorporated, includes sulphur)					
BOH Liquid	Production (Gallons)		0	0	0	0
	Used (Gallons)		565000	565000	526500	729000
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)		7/10-5-16	7/10-5-16	7/10-5-16	7/10-5-16
	Dry Matter (%)		6	6	6	6
	Total Value (total source volume, incorporated, includes sulphur)					
BOH Second Flush	Production (Gallons)		0	0	0	0
	Used (Gallons)		600000	600000	600000	600000
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)		0/0-0-0	0/0-0-0	0/0-0-0	0/0-0-0
	Dry Matter (%)		1	1	1	1
	Total Value (total source volume, incorporated, includes sulphur)					
OCH	Production (Tons)	0				
	Used (Tons)	0				
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/2-4-5				
	Dry Matter (%)	54				

		2013	2014	2015	2016	2017
OCH Headlocks	Total Value (total source volume, incorporated, includes sulphur)					
	Production (Tons)	0				
	Used (Tons)	694				
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	2/3-2-5				
	Dry Matter (%)	24				
OCH Liquid	Total Value (total source volume, incorporated, includes sulphur)					
	Production (Gallons)	0				
	Used (Gallons)	0				
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	7/10-5-16				
	Dry Matter (%)	6				
	Total Value (total source volume, incorporated, includes sulphur)					

Estimated Livestock Manure Production for 2017

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
Dairy Heifer 1000 lbs	1700	365	80	20	20352	2233800
Dairy Heifer 750 lbs	1700	365	80	20	16133	1712580
				Farm Totals	36485	3946380

Manure Storage Pits for 2017

Pit Name	Volume	Number of Times Emptied per Year	Total Collected Annually
		Total Pit Tons = 0	**Total Pit Gallons** = 0

Spreaders for 2017

Spreader Name	Load Size	Number of Loads per Year	Total Collected Annually	Calibration Date	Calibration Notes
		Total Spreader Tons = 0	**Total Spreader Gallons** = 0		

Snap-Plus Manure Tracking Report
Starting Year 2013
Reported for Wagner Farms Inc

Snap-Plus version 1.132.8

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Plan Completion/Update Date: 12/27/2012

Prepared by Paul Sturgis
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Prepared for
Wagner Farms Inc
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2372 5th Drive
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Annual Manure Production and Use by source

		2013	2014	2015	2016	2017
BOH	Production (Tons)	0	0	0	0	0
	Used (Tons)	0	5096	5258	4852	5258
	Analysis Date					
	Analysis (N/Ninc-P2O5-K2O)	17/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5	2/2-4-5
	Dry Matter (%)	54	54	54	54	54
	Total Value (total source volume, incorporated, includes sulphur)					

Estimated Livestock Manure Production for 2014

Animal Type	# of animals	Total No. of days	% Collected as Solid	% Collected as Liquid	Yearly Tons	Yearly Gallons
				Farm Totals	0	0

Manure Storage Pits for 2014

Pit	Volume	Number of	Total

Spreaders for 2014

Spreader	Load	Number of	Total	Calibration	Calibration

Name	Times Emptied per Year	Collected Annually
	Total Pit Tons = 0	**Total Pit Gallons** = 0

Name	Size	Loads per Year	Collected Annually	Date	Notes
		Total Spreader Tons = 0	**Total Spreader Gallons** = 0		

Burr Oak Heifers, LLC

Field Restrictions Summary

Land Operator	Farm Name	Field ID	Field Acres	Spreadable Acres	Dominant Critical Soil	590 Soil Restriction	Waterway Acres	Tile Drainage	GWC	GWC Acres	Wetland Setback	Field Slope		Slope Soil Type	
												9%-12% Acres	>12% Acres		
Church	Adams	270	35	34.3	Plainfield (PfB)	*w*	0.0	No	W	0.7	0.0	-	-	-	4
Church	Preston	260	40.2	39.5	Plainfield (PfB)	*p*	0.0	No	-	0.7	0.0	-	-	-	4
Church	Preston	261	19.3	19.3	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Church	Richfield	250	129	128.3	Coloma (CoB)	*p*	0.0	No	-	0.7	0.0	-	-	-	4
Church	Richfield	251	76.6	75.9	Brems (BrA)	*w*	0.0	No	-	0.7	0.0	-	-	-	2
Church	Springfield	200	8.8	8.8	Wyocena (WoB)	-	0.0	No	-	0.0	0.0	-	-	-	4
Church	Springfield	201	23.1	23.1	Plainfield (PlC)	*p*	0.0	No	-	0.0	0.0	9	-	Plainfield (PlC)	9
Church	Springfield	202	9.6	9.6	Gotham (GlB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Church	Springfield	203	9	9.0	Gotham (GlB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Church	Springfield	204	6.8	6.8	Wyocena (WoD)	-	0.0	No	-	0.0	0.0	-	16	Wyocena (WoD)	16
Church	Springfield	205	64.2	64.2	Oshtemo (OsC2)	-	0.0	No	-	0.0	0.0	9	-	Oshtemo (OsC2)	9
Church	Springfield	206	5.8	5.8	Fox (FoC2)	-	0.0	No	-	0.0	0.0	9	-	Fox (FoC2)	9
Flyte	Beutler	Bartel-Prochnow	94.4	93.7	Plainfield (PfB)	*w*	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Beutler	Beutler 1	73.6	72.7	Plainfield (PfB)	*w*	0.0	No	-	0.7	0.2	-	-	-	4
Flyte	Beutler	Beutler 2	12.5	12.4	Fisk (FkA)	*p*	0.0	No	-	0.0	0.1	-	-	-	2
Flyte	Beutler	Beutler 4	22.3	22.2	Coloma (CoB)	*p*	0.0	No	-	0.0	0.1	-	-	-	4
Flyte	Beutler	Beutler 42	140.5	139.8	Plainfield (PfB)	*w*	0.0	No	-	0.7	0.0	-	-	-	4

Field Restrictions Summary

Land Operator	Farm Name	Field ID	Field Acres	Spreadable Acres	Dominant Critical Soil	590 Soil Restriction	Waterway Acres	Tile Drainage	GWC	GWC Acres	Wetland Setback	Field Slope		Slope Soil Type	
												9%-12% Acres	>12% Acres		
Flyte	Beutler	Beutler 5	1.9	1.2	Tustin (TuB)	-	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Beutler	SHATTUCK	30	29.9	Plainfield (PfA)	p	0.0	No	-	0.0	0.1	-	-	-	1
Flyte	Coloma N	6 AVE	31.2	30.5	Plainfield (PfC)	p	0.0	No	-	0.7	0.0	9	-	Plainfield (PfC)	9
Flyte	Coloma N	Bohn	62.2	61.5	Plainfield (PfC)	p	0.0	No	-	0.7	0.0	9	-	Plainfield (PfC)	9
Flyte	Coloma N	CROOK 4	7.2	6.5	Okee (OkB)	p	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Coloma N	DORNIK 1	10.9	10.2	Plainfield (PfC)	p	0.0	No	-	0.7	0.0	9	-	Plainfield (PfC)	9
Flyte	Coloma N	DORNIK 15	15.3	15.3	Plainfield (PfB)	p	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	Coloma N	DORNIK 9	10.9	10.9	Plainfield (PfB)	p	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	Coloma N	SEMROW 6	8.8	8.1	Plainfield (PfB)	p	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Coloma N	SEMROW 8	17	16.3	Boyer (ByC)	p	0.0	No	-	0.7	0.0	9	-	Boyer (ByC)	9
Flyte	East Farm	SCHMIDT 1	8.6	7.9	Richford (RfB)	p	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	East Farm	SCHMIDT 2	5	4.3	Richford (RfB)	p	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	East Farm	SCHMIDT 3	7.6	7.6	Richford (RfB)	p	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	East Farm	SCHULTZ 2	22.8	22.8	Boyer (ByB)	p	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	East Farm	SCHULTZ 3	23.3	23.3	Boyer (ByB)	p	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	East Farm	SCHULTZ 5	7.4	7.4	Boyer (ByC)	p	0.0	No	-	0.0	0.0	9	-	Boyer (ByC)	9

Field Restrictions Summary

Land Operator	Farm Name	Field ID	Field Acres	Spreadable Acres	Dominant Critical Soil	590 Soil Restriction	Waterway Acres	Tile Drainage	GWC	GWC Acres	Wetland Setback	Field Slope		Slope Soil Type	
												9%-12% Acres	>12% Acres		
Flyte	East Farm	SCHULTZ 7	4.5	4.5	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	East Farm	SCHULTZ 8	4.5	4.5	Richford (RfC)	*p*	0.0	No	-	0.0	0.0	9	-	Richford (RfC)	9
Flyte	East Farm	SCHULTZ 9	44	44.0	Richford (RfB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	Fenske	Fenske 1	23	22.3	Plainfield (PfB)	*w*	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Fenske	Fenske 2A	30	29.2	Plainfield (PfA)	*w*	0.0	No	-	0.7	0.1	-	-	-	1
Flyte	Fenske	Fenske 3A	20.1	20.1	Meehan (MoA)	*p*	0.0	No	-	0.0	0.0	-	-	-	2
Flyte	Fenske	Fenske 4	33	32.3	Plainfield (PfB)	*p*	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Fenske	Fenske 4A	31.8	31.7	Plainfield (PfB)	*p*	0.0	No	-	0.0	0.1	-	-	-	4
Flyte	Fenske	Fenske 9	47	46.3	Plainfield (PfB)	*p*	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Fenske	Fenske 9 A&B	42	41.3	Plainfield (PfB)	*p*	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Fenske	Fenske Krug	55.6	54.7	Richford (RfB)	*w*	0.0	No	-	0.7	0.2	-	-	-	4
Flyte	Gomoll	Gomoll 1	27.9	27.9	Plainfield (PfC)	*p*	0.0	No	-	0.0	0.0	9	-	Plainfield (PfC)	9
Flyte	Gomoll	Gomoll 10	7.4	7.4	Richford (RfB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	Gomoll	Gomoll 11	28	27.3	Richford (RfB)	*p*	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Gomoll	Gomoll 12	12.3	12.3	Coloma (CoC)	*p*	0.0	No	-	0.0	0.0	9	-	Coloma (CoC)	9
Flyte	Gomoll	Gomoll 13	2.2	2.1	Coloma (CoB)	*p*	0.0	No	-	0.0	0.1	-	-	-	4
Flyte	Gomoll	Gomoll 15	10	10.0	Coloma (CoC)	*p*	0.0	No	-	0.0	0.0	9	-	Coloma (CoC)	9

Field Restrictions Summary

Land Operator	Farm Name	Field ID	Field Acres	Spreadable Acres	Dominant Critical Soil	590 Soil Restriction	Waterway Acres	Tile Drainage	GWC	GWC Acres	Wetland Setback	Field Slope		Slope Soil Type	
												9%-12% Acres	>12% Acres		
Flyte	Gomoll	Gomoll 2	9.5	9.5	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	Gomoll	Gomoll 3	3.2	2.5	Coloma (CoC)	*p*	0.0	No	-	0.7	0.0	9	-	Coloma (CoC)	9
Flyte	Gomoll	Gomoll 4	6.5	6.5	Coloma (CoC)	*p*	0.0	No	-	0.0	0.0	9	-	Coloma (CoC)	9
Flyte	Gomoll	Gomoll 6	7.9	7.9	Plainfield (PfC)	*p*	0.0	No	-	0.0	0.0	9	-	Plainfield (PfC)	9
Flyte	Gomoll	Gomoll 7	15.8	15.8	Plainfield (PfC)	*p*	0.0	No	-	0.0	0.0	9	-	Plainfield (PfC)	9
Flyte	Gomoll	Gomoll 8	10	10.0	Plainfield (PfC)	*p*	0.0	No	-	0.0	0.0	9	-	Plainfield (PfC)	9
Flyte	Hwy V	F. E.Ely	60	59.3	Sparta (Sp)	*p*	0.0	No	-	0.7	0.0	-	-	-	1
Flyte	Hwy V	F. Northmost Runway	39.5	39.5	Sparta (Sp)	*p*	0.0	No	-	0.0	0.0	-	-	-	1
Flyte	Hwy V	F. V22	21.1	21.1	Sparta (Sp)	*p*	0.0	No	-	0.0	0.0	-	-	-	1
Flyte	Hwy V	F. V55	59.3	58.6	Plainfield (PfB)	*p*	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Hwy V	F. W. Ely	65.3	64.6	Richford (RfB)	*p*	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Hwy V	F.Airport	80	79.3	Sparta (Sp)	*p*	0.0	No	-	0.7	0.0	-	-	-	1
Flyte	Hwy V	F.Runway	85	84.3	Richford (RfA)	*p*	0.0	No	-	0.7	0.0	-	-	-	1
Flyte	Hwy V	PETERSON 1	53.4	53.4	Plainfield (PfB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	Hwy V	PETERSON 6	31.1	31.1	Plainfield (PfC)	*p*	0.0	No	-	0.0	0.0	9	-	Plainfield (PfC)	9
Flyte	Lipke	Organic 1N	31.5	30.8	Coloma (CoB)	*w*	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Lipke	Organic 1S	33	32.3	Richford (RfB)	*w*	0.0	No	-	0.7	0.0	-	-	-	4

Field Restrictions Summary

Land Operator	Farm Name	Field ID	Field Acres	Spreadable Acres	Dominant Critical Soil	590 Soil Restriction	Waterway Acres	Tile Drainage	GWC	GWC Acres	Wetland Setback	Field Slope		Slope Soil Type	
												9%-12% Acres	>12% Acres		
Flyte	Lipke	Organic 2	66	66.0	Coloma (CoB)	p	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	Lipke	Organic 3	110	109.3	Plainfield (PfB)	p	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Lipke	Organic 4	38	37.3	Richford (RfB)	p	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Lipke	Organic 5	50	50.0	Sparta (Sp)	p	0.0	No	-	0.0	0.0	-	-	-	1
Flyte	Lipke	Organic 6N	68	67.3	Plainfield (PfB)	p	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Lipke	Organic 6S	65	64.3	Richford (RfB)	p	0.0	No	-	0.7	0.0	-	-	-	4
Flyte	Lipke	Organic 7	30	29.3	Richford (RfA)	p	0.0	No	-	0.7	0.0	-	-	-	1
Flyte	Lipke	Organic 8	16	16.0	Plainfield (PfA)	p	0.0	No	-	0.0	0.0	-	-	-	1
Flyte	Rod & Gun	ADAMSKI	71	71.0	Plainfield (PfB)	p	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	Rod & Gun	Rod and Gun 1	24.4	24.4	Plainfield (PfB)	p	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	Rod & Gun	Rod and Gun 2	8.8	8.8	Plainfield (PfB)	p	0.0	No	-	0.0	0.0	-	-	-	4
Flyte	Stahl	Stahl	65	64.3	Plainfield (PfC)	p	0.0	No	-	0.7	0.0	9	-	Plainfield (PfC)	9
Frozene	North Farm	D1	28.7	28.0	Plainfield (PfB)	p	0.0	No	-	0.7	0.0	-	-	-	4
Frozene	North Farm	D2	26.1	25.4	Plainfield (PfB)	p	0.0	No	-	0.7	0.0	-	-	-	4
Frozene	North Farm	E1	18.5	18.5	Richford (RfA)	p	0.0	No	-	0.0	0.0	-	-	-	1
Frozene	North Farm	E2	18.9	18.2	Richford (RfA)	p	0.0	No	-	0.7	0.0	-	-	-	1
Hooks	Hooks	370	3.3	3.3	Richford (RfB)	p	0.0	No	-	0.0	0.0	-	-	-	4
Hooks	Hooks	371	6.9	6.9	Billett (BlA)	-	0.0	No	-	0.0	0.0	-	-	-	2

Field Restrictions Summary

Land Operator	Farm Name	Field ID	Field Acres	Spreadable Acres	Dominant Critical Soil	590 Soil Restriction	Waterway Acres	Tile Drainage	GWC	GWC Acres	Wetland Setback	Field Slope		Slope Soil Type	
												9%-12% Acres	>12% Acres		
Jacobs	Jacobs L	100	17.4	16.7	Coloma (CoB)	*p*	0.0	No	-	0.7	0.0	-	-	-	2
Jacobs	Jacobs L	101	15	15.0	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	2
Jacobs	Jacobs L	102	14.8	14.8	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	2
Jacobs	Jacobs L	103	7.7	7.7	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	2
Jacobs	Jacobs L	104	32.8	32.8	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	2
Wagner	Morris Farm	420	79	78.3	Plainfield (PfB)	*p*	0.0	No	-	0.7	0.0	-	-	-	4
Wagner	Roberts Farm	400	12.2	12.2	Coloma (CoC)	*p*	0.0	No	-	0.0	0.0	9	-	Coloma (CoC)	9
Wagner	Roberts Farm	401	5.5	5.5	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Wagner	Roberts Farm	402	5.8	5.8	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Wagner	Roberts Farm	403	6.8	6.8	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Wagner	Roberts Farm	404	8.1	8.1	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Wagner	Roberts Farm	405	5	5.0	Plainfield (PfB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Wagner	Roberts Farm	406	9.9	9.9	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
Wagner	Roberts Farm	407	3.2	3.2	Coloma (CoB)	*p*	0.0	No	-	0.0	0.0	-	-	-	4
			3014	2982.8											

3.8 Headland Stacking Information

At this time the producer does not wish to utilize any headland stacking sites. If in the future they wish to utilize any sites, we will submit the appropriate information for approval.

Land Ownership

Land Owner	County	Operator	Farm Name	Field ID	Acres	Owned/Rented By Operator
Hooks, Calvin	WI-Adams	Burr Oak Heifers	Hooks	370	3.3	Owned
Hooks, Calvin	WI-Adams	Burr Oak Heifers	Hooks	371	6.9	Owned
Jacobs, Dr. Lois	WI-Adams	Burr Oak Heifers	Jacobs L	100	17.4	Rented
Jacobs, Dr. Lois	WI-Adams	Burr Oak Heifers	Jacobs L	101	15	Rented
Jacobs, Dr. Lois	WI-Adams	Burr Oak Heifers	Jacobs L	102	14.8	Rented
Jacobs, Dr. Lois	WI-Adams	Burr Oak Heifers	Jacobs L	103	7.7	Rented
Jacobs, Dr. Lois	WI-Adams	Burr Oak Heifers	Jacobs L	104	32.8	Rented
Church, Charles A.	WI-Adams	Church	Adams	270	35	Owned
Church, Charles A.	WI-Adams	Church	Preston	260	40.2	Owned
Church, Charles A.	WI-Adams	Church	Preston	261	19.3	Owned
Church, Charles A.	WI-Adams	Church	Richfield	250	129	Owned
Church, Charles A.	WI-Adams	Church	Richfield	251	76.6	Owned
Chaudoin, Wayne	WI-Marquette	Church	Springfield	200	8.8	Rented
Chaudoin, Wayne	WI-Marquette	Church	Springfield	201	23.1	Rented
Chaudoin, Wayne	WI-Marquette	Church	Springfield	202	9.6	Rented
Chaudoin, Wayne	WI-Marquette	Church	Springfield	203	9	Rented
Chaudoin, Wayne	WI-Marquette	Church	Springfield	204	6.8	Rented
Zuhlke, James	WI-Marquette	Church	Springfield	205	64.2	Rented
Pickens, Fred	WI-Marquette	Church	Springfield	206	5.8	Rented
Bartel, Jon	WI-Waushara	Flyte	Bartel-Prochnow	Bartel-Prochnow	94.4	Rented
Shattuck, P Michael	WI-Waushara	Flyte	Bartel-Prochnow	SHATTUCK	30	Rented
Beutler, Harlan & Diane	WI-Waushara	Flyte	Beutler	Beutler 1	73.6	Rented
Beutler, Harlan & Diane	WI-Waushara	Flyte	Beutler	Beutler 2	12.5	Rented
Beutler, Harlan & Diane	WI-Waushara	Flyte	Beutler	Beutler 4	22.3	Rented
Beutler, Harlan & Diane	WI-Waushara	Flyte	Beutler	Beutler 42	140.5	Rented
Beutler, Harlan & Diane	WI-Waushara	Flyte	Beutler	Beutler 5	1.9	Rented

Land Ownership

Land Owner	County	Operator	Farm Name	Field ID	Acres	Owned/Rented By Operator
Kemetz, Joshua	WI-Waushara	Flyte	Coloma N	6 AVE	31.2	Rented
Bohn, Robert	WI-Waushara	Flyte	Coloma N	Bohn	62.2	Rented
Crook, Robert	WI-Waushara	Flyte	Coloma N	CROOK 4	7.2	Rented
Dornik, Milan Rev Trust	WI-Waushara	Flyte	Coloma N	DORNIK 1	10.9	Rented
Dornik, Milan Rev Trust	WI-Waushara	Flyte	Coloma N	DORNIK 15	15.3	Rented
Dornik, Milan Rev Trust	WI-Waushara	Flyte	Coloma N	DORNIK 9	10.9	Rented
Semrow, C.	WI-Waushara	Flyte	Coloma N	SEMROW 6	8.8	Rented
Semrow, C.	WI-Waushara	Flyte	Coloma N	SEMROW 8	17	Rented
Schmidt, Catherine	WI-Waushara	Flyte	East Farm	SCHMIDT 1	8.6	Rented
Schmidt, Catherine	WI-Waushara	Flyte	East Farm	SCHMIDT 2	5	Rented
Schmidt, Catherine	WI-Waushara	Flyte	East Farm	SCHMIDT 3	7.6	Rented
Schultz, Gordon & Constance	WI-Waushara	Flyte	East Farm	SCHULTZ 2	22.8	Rented
Schultz, Gordon & Constance	WI-Waushara	Flyte	East Farm	SCHULTZ 3	23.3	Rented
Schultz, Gordon & Constance	WI-Waushara	Flyte	East Farm	SCHULTZ 5	7.4	Rented
Schultz, Gordon & Constance	WI-Waushara	Flyte	East Farm	SCHULTZ 7	4.5	Rented
Schultz, Gordon & Constance	WI-Waushara	Flyte	East Farm	SCHULTZ 8	4.5	Rented
Schultz, Gordon & Constance	WI-Waushara	Flyte	East Farm	SCHULTZ 9	44	Rented
Fenske, Darrel	WI-Waushara	Flyte	Fenske	Fenske 1	23	Rented
Fenske, Darrel	WI-Waushara	Flyte	Fenske	Fenske 2A	30	Rented
Fenske, Darrel	WI-Waushara	Flyte	Fenske	Fenske 3A	20.1	Rented
Fenske, Darrel	WI-Waushara	Flyte	Fenske	Fenske 4	33	Rented
Fenske, Darrel	WI-Waushara	Flyte	Fenske	Fenske 4A	31.8	Rented
Fenske, Darrel	WI-Waushara	Flyte	Fenske	Fenske 9	47	Rented
Fenske, Darrel	WI-Waushara	Flyte	Fenske	Fenske 9 A&B	42	Rented
Krug, Edwin	WI-Waushara	Flyte	Fenske	Fenske Krug	55.6	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 1	27.9	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 10	7.4	Rented

Land Ownership

Land Owner	County	Operator	Farm Name	Field ID	Acres	Owned/Rented By Operator
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 11	28	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 12	12.3	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 13	2.2	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 15	10	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 2	9.5	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 3	3.2	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 4	6.5	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 6	7.9	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 7	15.8	Rented
Gomoll, Erich Est.	WI-Waushara	Flyte	Gomoll	Gomoll 8	10	Rented
Flyte, Lee & Cheryl	WI-Waushara	Flyte	Hwy V	F. E.Ely	60	Rented
Coloma Airport	WI-Waushara	Flyte	Hwy V	F. Northmost Runway	39.5	Rented
Flyte, Lee & Cheryl	WI-Waushara	Flyte	Hwy V	F. V22	21.1	Rented
Flyte, Lee & Cheryl	WI-Waushara	Flyte	Hwy V	F. V55	59.3	Rented
Flyte, Lee & Cheryl	WI-Waushara	Flyte	Hwy V	F. W. Ely	65.3	Rented
Coloma Airport	WI-Waushara	Flyte	Hwy V	F.Airport	80	Rented
Coloma Airport	WI-Waushara	Flyte	Hwy V	F.Runway	85	Rented
Peterson, Jay	WI-Waushara	Flyte	Hwy V	PETERSON 1	53.4	Rented
Peterson, Jay	WI-Waushara	Flyte	Hwy V	PETERSON 6	31.1	Rented
Lipke, Duane	WI-Adams	Flyte	Lipke	Organic 1N	31.5	Rented
Lipke, Duane	WI-Adams	Flyte	Lipke	Organic 1S	33	Rented
Lipke, Duane	WI-Adams	Flyte	Lipke	Organic 2	66	Rented
Lipke, Duane	WI-Waushara	Flyte	Lipke	Organic 3	110	Rented
Lipke, Duane	WI-Waushara	Flyte	Lipke	Organic 4	38	Rented
Lipke, Duane	WI-Waushara	Flyte	Lipke	Organic 5	50	Rented
Lipke, Duane	WI-Waushara	Flyte	Lipke	Organic 6N	68	Rented

Land Ownership

Land Owner	County	Operator	Farm Name	Field ID	Acres	Owned/Rented By Operator
Lipke, Duane	WI-Waushara	Flyte	Lipke	Organic 6S	65	Rented
Lipke, Duane	WI-Waushara	Flyte	Lipke	Organic 7	30	Rented
Lipke, Duane	WI-Waushara	Flyte	Lipke	Organic 8	16	Rented
Greenwood Rod & Gun Club	WI-Waushara	Flyte	Rod & Gun	ADAMSKI	71	Rented
Greenwood Rod & Gun Club	WI-Waushara	Flyte	Rod & Gun	Rod and Gun 1	24.4	Rented
Greenwood Rod & Gun Club	WI-Waushara	Flyte	Rod & Gun	Rod and Gun 2	8.8	Rented
Stahl, Dean	WI-Waushara	Flyte	Stahl	Stahl	65	Rented
Frozene, Thomas & Ricky	WI-Waushara	Frozene	North Farm	D1	28.7	Owned
Frozene, Thomas & Ricky	WI-Waushara	Frozene	North Farm	D2	26.1	Owned
Frozene, Thomas & Ricky	WI-Waushara	Frozene	North Farm	E1	18.5	Owned
Frozene, Thomas & Ricky	WI-Waushara	Frozene	North Farm	E2	18.9	Owned
Morris, Burton	WI-Adams	Wagner	Morris Farm	420	79	Rented
Roberts, Raymond Living Trust	WI-Adams	Wagner	Roberts Farm	400	12.2	Rented
Roberts, Raymond Living Trust	WI-Adams	Wagner	Roberts Farm	401	5.5	Rented
Roberts, Raymond Living Trust	WI-Adams	Wagner	Roberts Farm	402	5.8	Rented
May, John	WI-Adams	Wagner	Roberts Farm	403	6.8	Rented
Roberts, Raymond Living Trust	WI-Adams	Wagner	Roberts Farm	404	8.1	Rented
Roberts, Raymond Living Trust	WI-Adams	Wagner	Roberts Farm	405	5	Rented
Roberts, Raymond Living Trust	WI-Adams	Wagner	Roberts Farm	406	9.9	Rented
Roberts, Raymond Living Trust	WI-Adams	Wagner	Roberts Farm	407	3.2	Rented

Land Owner contacted	Farm Name	Field ID	Acres	Permission granted to Apply CAFO Manure or PW?	Date Contacted	Method	Person Making Contact

NMP Section 4

Snap-Plus Soil Test Report (short)

Snap-Plus version 1.132.8

Reported for Church Farms

Printed 2/4/2013
Plan Completion/Update Date: 12/27/2012

Prepared by Paul Sturgis
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Prepared for
Church Farms
attn: Charles Church
643 Deerborn Dr
Grand Marsh, WI 53936

Field data

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
200	8.8	WoB	Wyocena	12/21/2012	AgSource	733230	2	2	4	6.4	1.5	31	52		
201	23.1	PlC	Plainfield	12/21/2012	AgSource	733230	5	5	5	6.3	1.0	27	77		
202	9.6	GlB	Gotham	12/21/2012	AgSource	733230	2	2	5	6.3	1.1	82	70		
203	9.0	GlB	Gotham	12/21/2012	AgSource	733230	2	2	5	6.7	1.0	61	93		
204	6.8	WoD	Wyocena	12/21/2012	AgSource	733230	2	2	3	6.6	0.9	57	98		
205	64.2	OsC2	Oshtemo	12/21/2012	AgSource	733230	13	13	5	6.2	1.2	18	72		
206	5.8	FoC2	Fox	12/21/2012	AgSource	733230	2	2	3	6.6	1.1	13	55		
250	129.0	CoB	Coloma	12/21/2012	AgSource	733228	26	26	5	6.3	0.7	236	88		
251	76.6	BrA	Brems	12/21/2012	AgSource	733228	16	16	5	6.4	1.2	93	37		
260	40.2	PfB	Plainfield	12/21/2012	AgSource	733227	8	8	5	6.9	1.6	69	122		
261	19.3	CoB	Coloma	12/21/2012	AgSource	733227	4	4	5	6.5	1.2	72	89		

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
270	35.0	PfB	Plainfield	12/21/2012	AgSource	733229	7	8	4	6.5	1.4	72	84		

Snap-Plus Soil Test Report (short)

Snap-Plus version 1.132.8

Reported for Flyte Family Farm

Printed 2/4/2013
Plan Completion/Update Date: Missing

Prepared by Paul Sturgis
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Adam Flyte
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Coloma, WI 54930

Field data

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
6 AVE	31.2	PfC	Plainfield	11/21/2012	Dairyland Labs	8S7931	7	6	5	5.6	1.3	37	83		
ADAMSKI	71.0	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	15	15	5	5.7	1.0	60	85	7.5	2
Bartel-Prochnow	94.4	PfB	Plainfield	3/27/2012	Dairyland Labs	8S0490	19	23	4	6.3	1.1	41	80		
Beutler 1	73.6	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	15	15	5	6.4	1.1	89	85		
Beutler 2	12.5	FkA	Fisk	11/21/2012	Dairyland Labs	8S7931	3	3	4	6.0	1.5	167	146		
Beutler 4	22.3	CoB	Coloma	11/21/2012	Dairyland Labs	8S7931	5	5	4	6.2	0.8	79	90		

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
Beutler 42	140.5	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	29	28	5	6.3	0.9	80	92		
Beutler 5	1.9	TuB	Tustin	11/21/2012	Dairyland Labs	8S7931	1	1	2	6.2	1.2	82	137		
Bohn	62.2	PfC	Plainfield	11/21/2012	Dairyland Labs	8S7931	13	13	5	6.2	1.0	36	68	6.7	2
CROOK 4	7.2	OkB	Okee	11/21/2012	Dairyland Labs	8S7931	2	2	4	5.8	2.2	45	85	6.7	3
DORNIK 1	10.9	PfC	Plainfield	11/21/2012	Dairyland Labs	8S7931	3	2	5	5.8	1.8	72	77		
DORNIK 15	15.3	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	3	3	5	5.4	1.6	56	95		
DORNIK 9	10.9	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	3	2	5	5.8	1.8	62	79		
F. E.Ely	60.0	Sp	Sparta	3/19/2010	UW Soil & Plant Analysis Lab	1387	12	25	2	6.1	1.2	172	90		
F. Northmost Runway	39.5	Sp	Sparta	11/21/2012	Dairyland Labs	8S7931	8	8	5	5.8	1.2	88	95	6.7	3
F. V22	21.1	Sp	Sparta	11/21/2012	Dairyland Labs	8S7931	5	5	4	6.6	1.0	97	97	6.7	3
F. V55	59.3	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	12	12	5	6.1	1.1	93	85	6.7	3
F. W. Ely	65.3	RfB	Richford	11/21/2012	Dairyland Labs	8S7931	13	13	5	6.4	1.1	96	88	6.7	3
F.Airport	80.0	Sp	Sparta	3/21/2012	Dairyland Labs	8S0144	6	16	5	5.9	1.2	90	99	5.8	3

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
F.Runway	85.0	RfA	Richford	11/21/2012	Dairyland Labs	8S7931	7	16	5	6.3	1.2	97	116	6.7	3
Fenske 1	23.0	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	5	5	5	6.2	1.3	108	91	2.5	2
Fenske 2A	30.0	PfA	Plainfield	11/21/2012	Dairyland Labs	8S7931	6	6	5	6.3	1.0	90	84	2.5	2
Fenske 3A	20.1	MoA	Meehan	11/21/2012	Dairyland Labs	8S7931	4	4	5	6.6	2.0	69	137	5.0	7
Fenske 4	33.0	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	7	7	5	6.5	1.0	89	73	2.5	2
Fenske 4A	31.8	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	7	6	5	6.5	1.2	81	93	2.5	3
Fenske 9	47.0	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	10	10	5	6.7	1.1	88	96	2.5	3
Fenske 9 A&B	42.0	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	9	10	4	6.7	1.1	88	96	2.5	3
Fenske Krug	55.6	RfB	Richford	11/21/2012	Dairyland Labs	8S7931	12	11	5	6.3	1.0	73	81	2.5	2
Gomoll 1	27.9	PfC	Plainfield	11/21/2012	Dairyland Labs	8S7931	6	6	5	6.0	0.9	42	102		
Gomoll 10	7.4	RfB	Richford	11/21/2012	Dairyland Labs	8S7931	2	2	4	5.8	1.0	85	85		
Gomoll 11	28.0	RfB	Richford	11/21/2012	Dairyland Labs	8S7931	6	6	5	6.1	1.1	63	85		
Gomoll 12	12.3	CoC	Coloma	11/21/2012	Dairyland Labs	8S7931	3	3	4	6.0	0.8	44	109		
Gomoll 13	2.2	CoB	Coloma	11/21/2012	Dairyland Labs	8S7931	1	1	2	6.1	1.1	56	110		

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
Gomoll 15	10.0	CoC	Coloma	11/21/2012	Dairyland Labs	8S7931	2	2	5	5.8	1.0	45	58		
Gomoll 2	9.5	CoB	Coloma	11/21/2012	Dairyland Labs	8S7931	2	2	5	5.6	1.0	39	117		
Gomoll 3	3.2	CoC	Coloma	11/21/2012	Dairyland Labs	8S7931	1	1	3	5.6	0.8	62	108		
Gomoll 4	6.5	CoC	Coloma	11/21/2012	Dairyland Labs	8S7931	2	2	3	5.5	1.0	54	62		
Gomoll 6	7.9	PfC	Plainfield	11/21/2012	Dairyland Labs	8S7931	2	2	4	5.4	0.9	51	63		
Gomoll 7	15.8	PfC	Plainfield	11/21/2012	Dairyland Labs	8S7931	4	3	5	5.5	0.9	44	72		
Gomoll 8	10.0	PfC	Plainfield	11/21/2012	Dairyland Labs	8S7931	2	2	5	5.6	1.0	41	98		
Organic 1N	31.5	CoB	Coloma	3/21/2012	Dairyland Labs	8S0144	7	13	2	6.7	0.9	106	87	5.8	3
Organic 1S	33.0	RfB	Richford	3/21/2012	Dairyland Labs	8S0144	7	14	2	6.7	1.0	104	99	5.8	3
Organic 2	66.0	CoB	Coloma	3/23/2012	Dairyland Labs		14	0	4.8	6.7	1.0	104	99		
Organic 3	110.0	PfB	Plainfield	3/21/2012	Dairyland Labs	8S0144	8	23	5	6.3	1.2	103	97	5.8	3
Organic 4	38.0	RfB	Richford	3/21/2012	Dairyland Labs	8S0144	8	8	5	6.8	1.2	148	95	5.0	3
Organic 5	50.0	Sp	Sparta	3/21/2012	Dairyland Labs	8S0144	5	10	5	6.7	1.2	125	108	5.8	3
Organic 6N	68.0	PfB	Plainfield	3/23/2012	Dairyland Labs		14	0	1.33	7.0	1.2	131	113	5.8	6

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
Organic 6S	65.0	RfB	Richford	3/23/2012	Dairyland Labs		13	0	1.3	7.0	1.3	103	115	5.8	4
Organic 7	30.0	RfA	Richford	3/21/2012	Dairyland Labs	8S0144	6	4	8	6.0	1.2	45	126	5.8	2
Organic 8	16.0	PfA	Plainfield	3/21/2012	Dairyland Labs	8S0144	4	7	2	6.4	1.1	73	100	5.8	3
PETERSON 1	53.4	PfB	Plainfield	3/21/2012	Dairyland Labs	8S0144	11	10	5	6.5	1.3	71	88	6.7	3
PETERSON 6	31.1	PfC	Plainfield	3/21/2012	Dairyland Labs	8S0144	7	6	5	6.8	1.4	34	117	5.8	3
Rod and Gun 1	24.4	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	5	5	5	5.3	0.8	66	65		
Rod and Gun 2	8.8	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	2	2	4	5.3	0.8	62	52		
SCHMIDT 1	8.6	RfB	Richford	11/21/2012	Dairyland Labs	8S7931	2	2	4	5.8	1.2	62	75		
SCHMIDT 2	5.0	RfB	Richford	11/21/2012	Dairyland Labs	8S7931	1	1	5	5.6	1.0	32	63		
SCHMIDT 3	7.6	RfB	Richford	11/21/2012	Dairyland Labs	8S7931	2	2	4	5.2	0.9	61	62		
SCHULTZ 2	22.8	ByB	Boyer	11/21/2012	Dairyland Labs	8S7931	5	5	5	5.4	0.8	44	65		
SCHULTZ 3	23.3	ByB	Boyer	11/21/2012	Dairyland Labs	8S7931	5	5	5	5.2	0.9	40	67		
SCHULTZ 5	7.4	ByC	Boyer	11/21/2012	Dairyland Labs	8S7931	2	2	4	5.5	1.1	56	68		
SCHULTZ 7	4.5	CoB	Coloma	11/21/2012	Dairyland Labs	8S7931	1	1	5	5.3	1.1	58	68		

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
SCHULTZ 8	4.5	RfC	Richford	11/21/2012	Dairyland Labs	8S7931	1	1	5	5.5	1.3	73	76		
SCHULTZ 9	44.0	RfB	Richford	11/21/2012	Dairyland Labs	8S7931	9	9	5	5.1	1.0	59	79		
SEMROW 6	8.8	PfB	Plainfield	11/21/2012	Dairyland Labs	8S7931	2	2	4	6.2	2.0	46	103		
SEMROW 8	17.0	ByC	Boyer	11/21/2012	Dairyland Labs	8S7931	4	4	4	5.9	1.9	50	97		
SHATTUCK	30.0	PfA	Plainfield	3/27/2012	Dairyland Labs	8S0490	6	5	6	5.9	1.4	40	55		
Stahl	65.0	PfC	Plainfield	3/27/2012	Dairyland Labs	8S0490	13	13	5	6.3	1.1	59	93	7.5	3

Snap-Plus Soil Test Report (short)

Snap-Plus version 1.132.8

Reported for Frozene Farms

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Prepared for
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Field data

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
D1	28.7	PfB	Plainfield	11/4/2010	Rock River Labs	131889	6	6	5	6.5	1.5	39	82		
D2	26.1	PfB	Plainfield	11/4/2010	Rock River Labs	131889	6	6	4	6.2	1.6	31	73		
E1	18.5	RfA	Richford	11/4/2010	Rock River Labs	131889	4	4	5	6.5	1.4	28	70		
E2	18.9	RfA	Richford	11/4/2010	Rock River Labs	131889	4	4	5	6.0	1.6	24	71		

Snap-Plus Soil Test Report (short)

Snap-Plus version 1.132.8

Reported for Hooks Cal

Printed 2/4/2013
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Field data

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
370	3.3	RfB	Richford	8/18/2009	AgSource	701849	1	2	2	6.7	0.7	77	77		
371	6.9	BlA	Billett	8/18/2009	AgSource	701849	2	4	2	6.9	1.1	66	66		

Snap-Plus Soil Test Report (short)

Snap-Plus version 1.132.8

Reported for Jacobs Lois

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Prepared for
Jacobs Lois

Field data

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
100	17.4	CoB	Coloma	12/2/2010	AgSource	713058	4	4	4	6.7	1.4	86	82		
101	15.0	CoB	Coloma	12/2/2010	AgSource	713058	3	4	4	6.8	1.4	95	91		
102	14.8	CoB	Coloma	12/2/2010	AgSource	713058	3	3	5	6.6	2.6	203	79		
103	7.7	CoB	Coloma	12/2/2010	AgSource	713058	2	2	4	6.5	2.0	162	109		
104	32.8	CoB	Coloma	12/2/2010	AgSource	713058	7	7	5	6.7	1.9	107	106		

Snap-Plus Soil Test Report (short)

Snap-Plus version 1.132.8

Reported for Wagner Farms Inc

Printed 2/4/2013
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Prepared for
Wagner Farms Inc
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Field data

Field name	Acres	Soil Map Symbol	Soil Name	Soil test date	Soil test lab	Lab Number	Required Number of Samples	Actual Number of Samples	Acres per Sample	pH	OM %	P ppm	K ppm	S ppm	CEC
400	12.2	CoC	Coloma	12/21/2012	AgSource	733232	3	3	4	6.6	1.3	73	164		
401	5.5	CoB	Coloma	12/21/2012	AgSource	733232	2	2	3	6.0	1.0	47	91		
402	5.8	CoB	Coloma	12/21/2012	AgSource	733232	2	2	3	6.5	1.0	88	130		
403	6.8	CoB	Coloma	12/21/2012	AgSource	733232	2	2	3	6.6	0.9	48	92		
404	8.1	CoB	Coloma	12/21/2012	AgSource	733232	2	2	4	6.7	1.1	128	102		
405	5.0	PfB	Plainfield	12/21/2012	AgSource	733232	1	1	5	6.2	1.1	57	113		
406	9.9	CoB	Coloma	12/21/2012	AgSource	733232	2	2	5	6.7	1.0	89	105		
407	3.2	CoB	Coloma	12/21/2012	AgSource	733232	1	1	3	7.0	1.1	75	104		
420	79.0	PfB	Plainfield	12/21/2012	AgSource	733231	16	16	5	7.1	1.1	48	87		

Burr Oak Heifers, LLC

Waste Nutrient Analysis Summary

Sample Point ID	Lab Number	Date Sampled	Sample Type	Dry Matter %	Nitrogen Injected		Nitrogen Surface		Phosphorus P2O5		Potassium K2O		S
					Total	1st Year	Total	1st Year	Total	1st Year	Total	1st Year	
L1	21751	12/10/12	SOLID	56.00%		2.4		1.8		4.9		6.9	
L1	21572	12/10/12	SOLID	52.00%		3.1		2.3		4.6		7.6	
L2	21754	12/10/12	SOLID	65.00%		1.6		1.2		3.5		3.8	
L3	21755	12/10/12	SOLID	54.00%		1.9		1.4		2.8		3.1	
L3	21756	12/10/12	SOLID	43.00%		2.2		1.7		2.2		3.9	
						2.2		1.7		3.6		5.1	

4.2 Waste Samples

At this time the producer is using representative samples for the solid type manure from a heifer farm with a similar type of housing and handling system as Burr Oak Heifers, LLC. Copies of the actual representative manure samples are attached. Once the new waste storage system is built and operating, actual samples from Burr Oak Heifers will be used for planned and actual manure applications in subsequent years. At this time the producer will be using University of Wisconsin "Book Values" for liquid manure concentrations.

When the liquid waste system is in place and waste is being hauled, the producer will comply with all permit requirements in regard to waste sampling. The results will then be used for more accurate planning. A copy of those results will then be kept in this section.

The nutrient analysis for the "second flush" feed pad water was derived from research done by the Discovery Farms on feed pad run off. Information provided by the Discovery Farms is attached.

Leachate to VTA (not including first flush) for 2012

Farm A - Large

	TP (mg/L)	TP (lbs/1,000 gal)	TKN (mg/L)	TKN (lbs/1,000 gal)
Samples	22	0.1836	22	0.1836
Minium	8	0.0668	24.6	0.2053
Maximum	53	0.4423	199.6	1.6657
Average	14.8	0.1235	51.9	0.4331

Farm C

	TP (mg/L)	TP (lbs/1,000 gal)	TKN (mg/L)	TKN (lbs/1,000 gal)
Samples	22	0.1836	22	0.1836
Minium	8	0.0668	24.6	0.2053
Maximum	53	0.4423	199.6	1.6657
Average	14.8	0.1235	51.9	0.4331

*Convertion factor from mg/L to lbs/1,000 gal 0.008345404