Farm Information

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Farm Address	VTC Water Street Randolph Center, VT 05061	**Planner**	Heather Darby 278 South Main Street St. Albans, VT 05478
County	Orange	**Planner Phone**	802-524-6501
Phone No	802-728-1720	**Planner Email**	heather.darby@uvm.edu
Email	slungu@vtc.edu		
Years Farming	80		

Describe your farm and plans for the future:
BLANK

Land Inventory (acres)

	Owned	Leased
Total	**500**	**87**
Tillable	218	87
Permanent Hayland	168	87
Permanent Pasture	47	0
Woodland	282	0

Watershed	Second Branch White River
Hydrologic Unit & Code	010801050302
Impaired Watershed	No
Impairment Reason	

Typical Rotation (Crops and Sequence):
BLANK

Tillage Operation/Equipment (Type, Timing, Depth, and Sequence):
Moldboard plow, Chisel plow, Disk harrows, Roller harrows

Primary	Chisel Plow
Secondary	Disk

Livestock Inventory **Breed:** Other **Rolling Herd Avg:** 21900 lbs/cow/year

Type/Breed	Present Number	Maximum Number	Weight (lbs)	Avg Milk Production (lbs/head/day)	Always Confined?	Grazing Type	Stocking Rate (head/ac)
Dairy - Lactating Cow	165	165	1500	0	Yes		
Dairy - Dry Cow	10	10	1800	0	No	Management Intensive	2
Dairy - Heifer (1 - 12 months)	40	40	450	0	No	Management Intensive	3
Dairy - Heifer (18 - 24 months)	20	20	1200	0	No	Management Intensive	2

Farm Information

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Manure Information

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Solid Manure	No	**Timing of Applications**	Spring, Summer, & Fall
Liquid Manure	Yes	**Time to Incorporation**	> 7 days (or not incorporated)

Spreader ID	Size	Manure Type	Calibrated?	Custom Application?
Box	1400 gallons	Solid	No	No
Houle	4000 gallons	Liquid	No	No
Pull 1	3200 gallons	Liquid	No	No
Pull 2	2300 gallons	Liquid	No	No

Plan Summary

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

				Planned Manure Applications					Planned Fertilizer Applications						
Field [Tract]	**Acres**	**Current Crop**	**Next Year Crop**	**Season**	**Source**	**Rate (per ac)**	**Incorporation**		**Season**	**ID**	**Type**	**Rate (per ac)**	**Analysis**	**Incorp. Type**	**Next Soil Sample**
							Type	**Time**							
10 Acre [5871-9]	9.7	FSS	FSS	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Back Woods [5888-10]	6.4	GHE	GHE	Summer	Pond	11000 G	N/A	> 7 days (or not incorporated)							2017
Behind Trailer/Middle [5871-7b]	12.9	GlHE	GlHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Behind Trailer/Next to Road [5871-7a]	6.3	GlHE	GlHE	-					-						2017
Brook Field [5889-3a]	9.6	CS	CS	-					-						2017
Deer Field [5889-8]	3.3	GlHE	GlHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Ditch Field [100-1]	14.7	GHE	GHE	Summer	Pond	12000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Dog Leg [5889-6, 5889-7]	11.3	CS	CS	Summer	Pond	2000 G	N/A	> 7 days (or not incorporated)							2017

Plan Summary

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

				Planned Manure Applications					Planned Fertilizer Applications						
Field [Tract]	**Acres**	**Current Crop**	**Next Year Crop**	**Season**	**Source**	**Rate (per ac)**	**Incorporation**		**Season**	**ID**	**Type**	**Rate (per ac)**	**Analysis**	**Incorp. Type**	**Next Soil Sample**
							Type	**Time**							
Fire House [5887-1]	3.8	GHE	GHE	Fall	Pond	12000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Hokanson North East [181-2a]	5.7	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	100 LB	N46 P0 K0	N/A	2018
Hokanson North West [181-1a]	5.7	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	100 LB	N46 P0 K0	N/A	2018
Hokanson South [181-1b, 181-2b]	6.3	GlHN	GlHN	-					-						2017
Jacques 1/north south [5870-1]	8.0	GHE	GHE						Summer	Urea	Broadcast	250 LB	N46 P0 K0	N/A	2017
Jacques 2 [5870-2]	13.8	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	150 LB	N46 P0 K0	N/A	2017
Jacques 3 [5870-3]	8.1	GHE	GHE	Summer	Pond	11000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Jacques 4/ Below House [5870-6]	7.0	GHE	GHE	Summer	Pond	9000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	175 LB	N46 P0 K0	N/A	2017

Plan Summary

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

				Planned Manure Applications					Planned Fertilizer Applications						
Field [Tract]	**Acres**	**Current Crop**	**Next Year Crop**	**Season**	**Source**	**Rate (per ac)**	**Incorporation**		**Season**	**ID**	**Type**	**Rate (per ac)**	**Analysis**	**Incorp. Type**	**Next Soil Sample**
							Type	**Time**							
Jacques 5 [5870-9]	10.2	GlHE	GlHE	Summer	Pond	9000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Langevin House [5889-11]	6.5	CS	CS	Summer	Pond	8000 G	N/A	> 7 days (or not incorporated)							2017
Langevin North West [100-9]	4.5	GP	GP	-					-						2017
Langevin South West [100-7]	3.8	GHE	GHE	-					-						2017
Ledge Field [5887-2]	2.5	GlHE	GlHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)							2017
Lower Bean [99-3]	5.5	GlHE	GlHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Lower Brook Field [5889-3b]	3.4	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	100 LB	N46 P0 K0	N/A	2018
Middle Bean [99-4]	10.7	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	150 LB	N46 P0 K0	N/A	2017

Plan Summary

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

				Planned Manure Applications					Planned Fertilizer Applications						
Field [Tract]	**Acres**	**Current Crop**	**Next Year Crop**	**Season**	**Source**	**Rate (per ac)**	**Incorporation**		**Season**	**ID**	**Type**	**Rate (per ac)**	**Analysis**	**Incorp. Type**	**Next Soil Sample**
							Type	**Time**							
North Bean East [99-2]	2.1	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
North Bean West [99-1]	6.3	GlHE	GlHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
North Farmstead [65-13]	7.6	A	A	Summer	Pond	3000 G	N/A	> 7 days (or not incorporated)							2017
Orchard Middle [100-4]	3.6	GlHN	GlHN	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Osha Across Road [662-1]	9.5	GHE	GHE	Summer	Pond	12000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Osha Behind House [662-4]	15.4	GHE	GHE	Summer	Pond	12000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Osha Behind House 2 [662-3]	9.7	GHE	GHE	Summer	Pond	12000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Osha Long Pad [662-6]	5.1	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)							2017

Plan Summary

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

				Planned Manure Applications					Planned Fertilizer Applications						
Field [Tract]	**Acres**	**Current Crop**	**Next Year Crop**	**Season**	**Source**	**Rate (per ac)**	**Incorporation**		**Season**	**ID**	**Type**	**Rate (per ac)**	**Analysis**	**Incorp. Type**	**Next Soil Sample**
							Type	**Time**							
Osha Square Pad [662-5]	4.8	GHE	GHE	Summer	Pond	12000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Parkers [4947-1]	9.8	GHE	GHE	Summer	Pond	12000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	150 LB	N46 P0 K0	N/A	2017
Pumpkin Patch [100-2, 100-5]	7.6	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
RT 66 North East [5706-1b]	8.6	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	140 LB	N46 P0 K0	N/A	2018
RT 66 North West [5706-1a]	7.2	GlHE	GlHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
RT 66 South [5895-2]	7.1	GHE	GHE	Summer	Pond	12000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Richardson Hill SW [5326-2a]	5.2	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)							2017
Richardson Middle NE [5326-4]	6.9	GHE	GHE	-					-						2017

Plan Summary

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

				Planned Manure Applications					Planned Fertilizer Applications						
Field [Tract]	**Acres**	**Current Crop**	**Next Year Crop**	**Season**	**Source**	**Rate (per ac)**	**Incorporation**		**Season**	**ID**	**Type**	**Rate (per ac)**	**Analysis**	**Incorp. Type**	**Next Soil Sample**
							Type	**Time**							
Richardson N Mid W [5326-5]	4.6	CS	CS	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	150 LB	N46 P0 K0	N/A	2017
Richardson NW [5325-1, 5326-6]	11.3	CS	CS	Summer	Pond	10000 G	Disk	2 days							2017
Richardson's Horse Pasture [5326-4b]	4.3	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	140 LB	N46 P0 K0	N/A	2018
Richardsons Hole [5326-3a]	10.1	A	A	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	140 LB	N46 P0 K0	N/A	2018
Richardsons Knob [5326-3b]	5.3	GlHE	GlHE	Summer	Pond	12000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	200 LB	N46 P0 K0	N/A	2017
Richardsons Mid South [5326-2b]	16.0	GHE	GHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	120 LB	N46 P0 K0	N/A	2018
Roller Coaster [5871-8]	17.1	GlHE	GlHE	Summer	Pond	10000 G	N/A	> 7 days (or not incorporated)							2017
Skeet Range [65-3]	2.1	GHE	GHE	Summer	Pond	9000 G	N/A	> 7 days (or not incorporated)							2017

Plan Summary

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

				Planned Manure Applications					Planned Fertilizer Applications							
Field [Tract]	**Acres**	**Current Crop**	**Next Year Crop**	**Season**	**Source**	**Rate (per ac)**	**Incorporation**		**Season**	**ID**	**Type**	**Rate (per ac)**	**Analysis**	**Incorp. Type**	**Next Soil Sample**
							Type	**Time**							
Ski Tow [65-5]	5.0	GP	GP	-					-						2017
Soccer Field [100-10]	3.9	CS	CS	Summer	Pond	5000 G	Disk	2 days							2017
Sugarhouse [65-14]	7.9	GHE	GHE	Summer	Pond	8000 G	N/A	> 7 days (or not incorporated)							2017
Sunset North [65-6]	3.1	P	P	-					-						2018
Sunset West [65-12]	3.3	GP	GP	-					-						2017
Triangle [65-9]	3.8	GP	GP	Summer	Pond	8000 G	N/A	> 7 days (or not incorporated)							2017
Upper Bean [99-5]	10.8	A	A	Summer	Pond	5000 G	N/A	> 7 days (or not incorporated)							2017
Veterans Cemetery [5889-4]	3.0	GHE	GHE	-					-						2017
West Farmstead [65-2]	3.8	CS	CS						Summer	Starter	Broadcast	50 LB	N10 P5 K10	Chisel	2017

Plan Summary

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

				Planned Manure Applications					Planned Fertilizer Applications						
Field [Tract]	**Acres**	**Current Crop**	**Next Year Crop**	**Season**	**Source**	**Rate (per ac)**	**Incorporation**		**Season**	**ID**	**Type**	**Rate (per ac)**	**Analysis**	**Incorp. Type**	**Next Soil Sample**
							Type	**Time**							
Wheatley's [5942-1]	5.6	GlHE	GlHE	Summer	Pond	8000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	190 LB	N46 P0 K0	N/A	2017
Windmill [65-7, 65-8]	6.0	GP	GP	-					-						2017
Woods [5889-9]	5.5	GHE	GHE	Summer	Pond	8000 G	N/A	> 7 days (or not incorporated)	Summer	Urea	Broadcast	190 LB	N46 P0 K0	N/A	2017

Manure Sources

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

	Manure Type	Storage ID	Imported?	Nutrient Unit	Total N	NH_4N	Organic N	P_2O_5	K_2O	% Dry Matter	Total per Year
Source #1	Liquid	**Pond**	No	lbs / 1000 gallons	18.3	8.3	10	4.2	19.2	2.2	**3500000 G**
					Non-Imported Total:						**3500000 G**
					Imported Total:						**-**
					Total:						**3500000 G**

Nutrient Management Plan - Manure Drawdown

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Total Units Available to be Spread this Crop Year

Pond **3500000 gallons**

Planned Applications by Field and Source

		Source (unit)	**Pond (gallons)**				
Field Name	Tract & Field #	Acres	Rate /Acre	Amt. Remain.			
10 Acre	**5871-9**	9.7	10000	3403000			
Back Woods	**5888-10**	6.4	11000	3332600			
Behind Trailer/Middle	**5871-7b**	12.9	10000	3203600			
Behind Trailer/Next to Road	**5871-7a**	6.3	0	3203600			
Brook Field	**5889-3a**	9.6	0	3203600			
Deer Field	**5889-8**	3.3	10000	3170600			
Ditch Field	**100-1**	14.7	12000	2994200			
Dog Leg	**5889-6, 5889-7**	11.3	2000	2971600			
Fire House	**5887-1**	3.8	0	2971600			
Hokansons North East	**181-2a**	5.7	10000	2914600			
Hokansons North West	**181-1a**	5.7	10000	2857600			
Hokansons South	**181-1b, 181-2b**	6.3	0	2857600			
Jacques 1/north south	**5870-1**	8	0	2857600			
Jacques 2	**5870-2**	13.8	10000	2719600			
Jacques 3	**5870-3**	8.1	11000	2630500			
Jacques 4/ Below House	**5870-6**	7	9000	2567500			
Jacques 5	**5870-9**	10.2	9000	2475700			
Langevin House	**5889-11**	6.5	8000	2423700			
Langevin North West	**100-9**	4.5	0	2423700			
Langevin South West	**100-7**	3.8	0	2423700			
Ledge Field	**5887-2**	2.5	10000	2398700			

Nutrient Management Plan - Manure Drawdown

Farm Name	**VTC**		Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**		Planner	**Heather Darby**		

Lower Bean	**99-3**	5.5	10000	2343700			
Lower Brook Field	**5889-3b**	3.4	10000	2309700			
Middle Bean	**99-4**	10.7	10000	2202700			
North Bean East	**99-2**	2.1	10000	2181700			
North Bean West	**99-1**	6.3	10000	2118700			
North Farmstead	**65-13**	7.6	3000	2095900			
Orchard Middle	**100-4**	3.6	10000	2059900			
Osha Across Road	**662-1**	9.5	12000	1945900			
Osha Behind House	**662-4**	15.4	12000	1761100			
Osha Behind House 2	**662-3**	9.7	12000	1644700			
Osha Long Pad	**662-6**	5.1	10000	1593700			
Osha Square Pad	**662-5**	4.8	12000	1536100			
Parkers	**4947-1**	9.8	12000	1418500			
Pumpkin Patch	**100-2, 100-5**	7.6	10000	1342500			
RT 66 North East	**5706-1b**	8.6	10000	1256500			
RT 66 North West	**5706-1a**	7.2	10000	1184500			
RT 66 South	**5895-2**	7.1	12000	1099300			
Richardson Hill SW	**5326-2a**	5.2	10000	1047300			
Richardson Middle NE	**5326-4**	6.9	0	1047300			
Richardson N Mid W	**5326-5**	4.6	10000	1001300			
Richardson NW	**5325-1, 5326-6**	11.3	10000	888300			
Richardson's Horse Pasture	**5326-4b**	4.3	10000	845300			
Richardsons Hole	**5326-3a**	10.1	10000	744300			
Richardsons Knob	**5326-3b**	5.3	12000	680700			
Richardsons Mid South	**5326-2b**	16	10000	520700			
Roller Coaster	**5871-8**	17.1	10000	349700			
Skeet Range	**65-3**	2.1	9000	330800			

Nutrient Management Plan - Manure Drawdown

Farm Name	**VTC**				Plan Date	**2015-05-25**	Crop Year **2016**
Farm Manager	**Charlie Dana**				Planner	**Heather Darby**	

Ski Tow	**65-5**	5	0	330800			
Soccer Field	**100-10**	3.9	5000	311300			
Sugarhouse	**65-14**	7.9	8000	248100			
Sunset North	**65-6**	3.1	0	248100			
Sunset West	**65-12**	3.3	0	248100			
Triangle	**65-9**	3.8	8000	217700			
Upper Bean	**99-5**	10.8	5000	163700			
Veterans Cemetery	**5889-4**	3	0	163700			
West Farmstead	**65-2**	3.8	0	163700			
Wheatley's	**5942-1**	5.6	8000	118900			
Windmill	**65-7, 65-8**	6	0	118900			
Woods	**5889-9**	5.5	8000	74900			
Balance				**74900**			

Field Inventory

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

A:Alfalfa **AC**:Alsike Clover **AR**:Annual Ryegrass **B**:Barley **BC**:Berseem Clover **BT**:Birdsfoot Trefoil **Br**:Brassica **C**:Canola **CC**:Cover Crop **CC**:Crimson Clover **CG**:Corn Grain **CS**:Corn Silage **CSwCC**:Corn Silage w/ Cover Crop **E**:Earlage **FM**:Forage Millet **FM**:Millet **FO**:Forage Oats **FOP**:Forage Oats & Peas **FP**:Forage Peas **FR**:Forage Rye **FSGM**:Forage Small Grain Mix **FSS**:Forage Sorghum/Sudangrass **FSS**:Sorghum x Sudangrass **FTr**:Forage Triticale **FW**:Forage Wheat **GHE**:Grass, Hay, Established **GHN**:Grass, Hay, New **GP**:Grass, Pasture **GlHE**:Grass/Legume, Hay, Established **GlHN**:Grass/Legume, Hay, New **GlP**:Grass/Legume, Pasture **H**:Hay **HE**:Hay, Established **HMC**:High-Moisture Corn **HN**:Hay, New **LH**:Legume Hay **O**:Oats **OC**:Other Clover **OCC**:Other Cover Crop **OMix**:Mixed Forage/Cover Species **P**:Pasture **PV-CRP**:Permanent Vegetation/CRP (not grazed) **RC**:Red Clover **S**:Soybean **Sn**:Snaplage **So**:Sorghum **Su**:Sudangrass **Su**:Sunflower **T**:Triticale **Tr**:Trefoil **V**:Vetch **W**:Wheat **WC**:White Clover **WR**:Winter Rye **Wo**:Woodland (not grazed)

Field Name	Tract & Field #	Acres		Soil Type	RUSLE2 Tolerable Soil Loss (T)	Rotation	RUSLE2 Rotation Soil Loss	Year in Rotation	RUSLE2 Annual Soil Loss	Soil Test Levels			VT P Index
		Owned	Rented							P	K	pH	
10 Acre	5871-9	0	9.7	BuB	3	1FSS	0.31	FSS	1.2	8	40	6.5	Medium
Back Woods	5888-10	6.4	0	BuC	2	1GHE	0.31	GHE	0.8	8	139	6.7	Medium
Behind Trailer/Middle	5871-7b	0	12.9	BuB	5	1GlHE	0.31	GlHE	0.6	8	84	6.7	Medium
Behind Trailer/Next to Road	5871-7a	0	6.3	BuB	5	1GlHE	0.31	GlHE	0.6	34	214	7	Medium
Brook Field	5889-3a	9.6	0	BuB	3	1CS	2.5	CS	1.5	5	90	7.1	Low
Deer Field	5889-8	3.3	0	BuB	3	1GlHE	0.31	GlHE	0.7	8	42	7.1	Medium
Ditch Field	100-1	14.7	0	BuB	2	1GHE	0.31	GHE	0.6	5	90	7.1	Medium
Dog Leg	5889-6, 5889-7	11.3	0	BuB	3	1CS	2	CS	1.1	4.8	173	5.3	Low
Fire House	5887-1	3.8	0	BuB	3	1GHE	0.31	GHE	0.6	5	136	6.5	Low
Hokansons North East	181-2a	0	5.7	CaB	2	1GHE	0.31	GHE	0.31	16	184	6.2	Medium
Hokansons North West	181-1a	0	5.7	BvC	3	1GHE	0.31	GHE	0.31	16	184	6.2	Medium
Hokansons South	181-1b, 181-2b	0	6.3	BuB	3	1GlHN	4.5	GlHN	0.5	16	184	6.2	Low
Jacques 1/north south	5870-1	0	8	BuB	5	1GHE	0.31	GHE	0.6	35	56	5.4	Medium
Jacques 2	5870-2	0	13.8	BuB	5	1GHE	0.31	GHE	0.5	35	56	5.4	Medium

Field Inventory

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

A:Alfalfa **AC**:Alsike Clover **AR**:Annual Ryegrass **B**:Barley **BC**:Berseem Clover **BT**:Birdsfoot Trefoil **Br**:Brassica **C**:Canola **CC**:Cover Crop **CC**:Crimson Clover **CG**:Corn Grain **CS**:Corn Silage **CSwCC**:Corn Silage w/ Cover Crop **E**:Earlage **FM**:Forage Millet **FM**:Millet **FO**:Forage Oats **FOP**:Forage Oats & Peas **FP**:Forage Peas **FR**:Forage Rye **FSGM**:Forage Small Grain Mix **FSS**:Forage Sorghum/Sudangrass **FSS**:Sorghum x Sudangrass **FTr**:Forage Triticale **FW**:Forage Wheat **GHE**:Grass, Hay, Established **GHN**:Grass, Hay, New **GP**:Grass, Pasture **GlHE**:Grass/Legume, Hay, Established **GlHN**:Grass/Legume, Hay, New **GlP**:Grass/Legume, Pasture **H**:Hay **HE**:Hay, Established **HMC**:High-Moisture Corn **HN**:Hay, New **LH**:Legume Hay **O**:Oats **OC**:Other Clover **OCC**:Other Cover Crop **OMix**:Mixed Forage/Cover Species **P**:Pasture **PV-CRP**:Permanent Vegetation/CRP (not grazed) **RC**:Red Clover **S**:Soybean **Sn**:Snaplage **So**:Sorghum **Su**:Sudangrass **Su**:Sunflower **T**:Triticale **Tr**:Trefoil **V**:Vetch **W**:Wheat **WC**:White Clover **WR**:Winter Rye **Wo**:Woodland (not grazed)

Field Name	Tract & Field #	Acres		Soil Type	RUSLE2 Tolerable Soil Loss (T)	Rotation	RUSLE2 Rotation Soil Loss	Year in Rotation	RUSLE2 Annual Soil Loss	Soil Test Levels			VT P Index
		Owned	Rented							P	K	pH	
Jacques 3	5870-3	0	8.1	BuB	5	1GHE	0.31	GHE	0.5	35	56	5.4	High
Jacques 4/ Below House	5870-6	0	7	BuB	5	1GHE	0.31	GHE	0.5	35	56	5.4	High
Jacques 5	5870-9	0	10.2	BuB	5	1GlHE	0.31	GlHE	0.5	35	56	5.4	High
Langevin House	5889-11	6.5	0	BuB	3	1CS	1.1	CS	1.2	5	39	7	Medium
Langevin North West	100-9	4.5	0	BuC	2	1GP	0.31	GP	0.5	5	39	7	Low
Langevin South West	100-7	3.8	0	BuB	2	1GHE	0.31	GHE	0.5	5	39	7	Low
Ledge Field	5887-2	2.5	0	BuC	3	1GlHE	0.31	GlHE	1	5	90	7.1	Medium
Lower Bean	99-3	5.5	0	BuB	2	1GlHE	0.31	GlHE	0.6	8	238	6.7	Medium
Lower Brook Field	5889-3b	3.4	0	CaB	2	1GHE	0.31	GHE	0.31	5	90	7.1	Medium
Middle Bean	99-4	10.7	0	BuB	3	1GHE	0.54	GHE	0.5	8	238	6.7	Medium
North Bean East	99-2	2.1	0	BuC	2	1GHE	0.31	GHE	0.5	6	33	6.1	Medium
North Bean West	99-1	6.3	0	BuB	2	1GlHE	0.31	GlHE	0.8	3	33	6.3	Low
North Farmstead	65-13	7.6	0	BuB	3	1A	0.47	A	0.7	17	185	6.2	Low
Orchard Middle	100-4	3.6	0	BuC	3	1GlHN	0.79	GlHN	1	5	90	7.1	Medium
Osha Across Road	662-1	0	9.5	BuB	2	1GHE	0.31	GHE	0.5	8	84	6.7	Medium

Field Inventory

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

A:Alfalfa **AC**:Alsike Clover **AR**:Annual Ryegrass **B**:Barley **BC**:Berseem Clover **BT**:Birdsfoot Trefoil **Br**:Brassica **C**:Canola **CC**:Cover Crop **CC**:Crimson Clover **CG**:Corn Grain **CS**:Corn Silage **CSwCC**:Corn Silage w/ Cover Crop **E**:Earlage **FM**:Forage Millet **FM**:Millet **FO**:Forage Oats **FOP**:Forage Oats & Peas **FP**:Forage Peas **FR**:Forage Rye **FSGM**:Forage Small Grain Mix **FSS**:Forage Sorghum/Sudangrass **FSS**:Sorghum x Sudangrass **FTr**:Forage Triticale **FW**:Forage Wheat **GHE**:Grass, Hay, Established **GHN**:Grass, Hay, New **GP**:Grass, Pasture **GlHE**:Grass/Legume, Hay, Established **GlHN**:Grass/Legume, Hay, New **GlP**:Grass/Legume, Pasture **H**:Hay **HE**:Hay, Established **HMC**:High-Moisture Corn **HN**:Hay, New **LH**:Legume Hay **O**:Oats **OC**:Other Clover **OCC**:Other Cover Crop **OMix**:Mixed Forage/Cover Species **P**:Pasture **PV-CRP**:Permanent Vegetation/CRP (not grazed) **RC**:Red Clover **S**:Soybean **Sn**:Snaplage **So**:Sorghum **Su**:Sudangrass **Su**:Sunflower **T**:Triticale **Tr**:Trefoil **V**:Vetch **W**:Wheat **WC**:White Clover **WR**:Winter Rye **Wo**:Woodland (not grazed)

Field Name	Tract & Field #	Acres		Soil Type	RUSLE2 Tolerable Soil Loss (T)	Rotation	RUSLE2 Rotation Soil Loss	Year in Rotation	RUSLE2 Annual Soil Loss	Soil Test Levels			VT P Index
		Owned	Rented							P	K	pH	
Osha Behind House	662-4	0	15.4	BuC	2	1GHE	0.31	GHE	0.9	8	84	6.7	Medium
Osha Behind House 2	662-3	0	9.7	BuC	3	1GHE	0.31	GHE	0.9	6	52	6.5	Medium
Osha Long Pad	662-6	0	5.1	BuB	3	1GHE	0.31	GHE	0.8	6	52	6.5	Medium
Osha Square Pad	662-5	0	4.8	BuB	3	1GHE	0.31	GHE	0.9	6	52	6.5	Medium
Parkers	4947-1	0	9.8	BuB	3	1GHE	0.38	GHE	1.1	9	82	6.4	Medium
Pumpkin Patch	100-2, 100-5	7.6	0	BuB	3	1GHE	0.31	GHE	0.5	5	90	7.1	Medium
RT 66 North East	5706-1b	0	8.6	BuB	3	1GHE	0.31	GHE	0.31	25	142	6.4	Medium
RT 66 North West	5706-1a	0	7.2	BuB	3	1GlHE	0.31	GlHE	0.6	25	142	6.4	Medium
RT 66 South	5895-2	0	7.1	BuB	3	1GHE	0.31	GHE	0.8	10	159	6.5	Medium
Richardson Hill SW	5326-2a	0	5.2	BuB	5	1GHE	0.31	GHE	0.5	3	25	5.4	Low
Richardson Middle NE	5326-4	0	6.9	BuB	5	1GHE	4.1	GHE	0.5	2	27	5.8	Low
Richardson N Mid W	5326-5	0	4.6	BuB	5	1CS	4.1	CS	1.2	2	27	5.8	Low
Richardson NW	5325-1, 5326-6	0	11.3	BuB	3	1CS	4.2	CS	1.2	3	43	5.7	Low
Richardson's Horse Pasture	5326-4b	0	4.3	CoC	5	1GHE	4.1	GHE	4.1	2	27	5.8	Medium

Field Inventory

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

A:Alfalfa **AC**:Alsike Clover **AR**:Annual Ryegrass **B**:Barley **BC**:Berseem Clover **BT**:Birdsfoot Trefoil **Br**:Brassica **C**:Canola **CC**:Cover Crop **CC**:Crimson Clover **CG**:Corn Grain **CS**:Corn Silage **CSwCC**:Corn Silage w/ Cover Crop **E**:Earlage **FM**:Forage Millet **FM**:Millet **FO**:Forage Oats **FOP**:Forage Oats & Peas **FP**:Forage Peas **FR**:Forage Rye **FSGM**:Forage Small Grain Mix **FSS**:Forage Sorghum/Sudangrass **FSS**:Sorghum x Sudangrass **FTr**:Forage Triticale **FW**:Forage Wheat **GHE**:Grass, Hay, Established **GHN**:Grass, Hay, New **GP**:Grass, Pasture **GlHE**:Grass/Legume, Hay, Established **GlHN**:Grass/Legume, Hay, New **GlP**:Grass/Legume, Pasture **H**:Hay **HE**:Hay, Established **HMC**:High-Moisture Corn **HN**:Hay, New **LH**:Legume Hay **O**:Oats **OC**:Other Clover **OCC**:Other Cover Crop **OMix**:Mixed Forage/Cover Species **P**:Pasture **PV-CRP**:Permanent Vegetation/CRP (not grazed) **RC**:Red Clover **S**:Soybean **Sn**:Snaplage **So**:Sorghum **Su**:Sudangrass **Su**:Sunflower **T**:Triticale **Tr**:Trefoil **V**:Vetch **W**:Wheat **WC**:White Clover **WR**:Winter Rye **Wo**:Woodland (not grazed)

Field Name	Tract & Field #	Acres		Soil Type	RUSLE2 Tolerable Soil Loss (T)	Rotation	RUSLE2 Rotation Soil Loss	Year in Rotation	RUSLE2 Annual Soil Loss	Soil Test Levels			VT P Index
		Owned	Rented							P	K	pH	
Richardsons Hole	5326-3a	0	10.1	CoC	5	1A	0.6	A	0.6	2	27	5.8	Low
Richardsons Knob	5326-3b	0	5.3	BuB	5	1GlHE	0.31	GlHE	0.8	3	30	5.5	Low
Richardsons Mid South	5326-2b	0	16	CoC	5	1GHE	0.31	GHE	0.31	2	27	5.8	Low
Roller Coaster	5871-8	0	17.1	BuB	2	1GlHE	0.31	GlHE	0.5	35	56	5.4	High
Skeet Range	65-3	2.1	0	BuB	3	1GHE	0.28	GHE	0.7	29	48	6.7	Medium
Ski Tow	65-5	5	0	BuD	3	1GP	0.31	GP	1.1	9	286	5.6	Low
Soccer Field	100-10	3.9	0	BuC	3	1CS	4.2	CS	1.5	5	136	6.5	Low
Sugarhouse	65-14	7.9	0	BuB	3	1GHE	0.31	GHE	0.5	9	82	6.3	Low
Sunset North	65-6	3.1	0	BuB	3	1P	0.31	P	0.31	9	39	6.1	Low
Sunset West	65-12	3.3	0	BuB	3	1GP	0.31	GP	0.5	9	39	6.1	Low
Triangle	65-9	3.8	0	BuB	3	1GP	0.31	GP	0.2	9	74	7.4	Low
Upper Bean	99-5	10.8	0	BuB	3	1A	0.54	A	0.5	8	116	6.8	Low
Veterans Cemetery	5889-4	3	0	BuC	3	1GHE	0.31	GHE	1.5	8	139	6.7	Low
West Farmstead	65-2	3.8	0	BuB	3	1CS	2.4	CS	0.5	25	190	6.3	Low
Wheatley's	5942-1	0	5.6	BuB	3	1GlHE	0.72	GlHE	0.6	9	84	6.7	Low
Windmill	65-7, 65-8	6	0	BuC	3	1GP	0.31	GP	1.1	9	286	5.6	Low

Field Inventory

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

A:Alfalfa **AC**:Alsike Clover **AR**:Annual Ryegrass **B**:Barley **BC**:Berseem Clover **BT**:Birdsfoot Trefoil **Br**:Brassica **C**:Canola **CC**:Cover Crop **CC**:Crimson Clover **CG**:Corn Grain **CS**:Corn Silage **CSwCC**:Corn Silage w/ Cover Crop **E**:Earlage **FM**:Forage Millet **FM**:Millet **FO**:Forage Oats **FOP**:Forage Oats & Peas **FP**:Forage Peas **FR**:Forage Rye **FSGM**:Forage Small Grain Mix **FSS**:Forage Sorghum/Sudangrass **FSS**:Sorghum x Sudangrass **FTr**:Forage Triticale **FW**:Forage Wheat **GHE**:Grass, Hay, Established **GHN**:Grass, Hay, New **GP**:Grass, Pasture **GlHE**:Grass/Legume, Hay, Established **GlHN**:Grass/Legume, Hay, New **GlP**:Grass/Legume, Pasture **H**:Hay **HE**:Hay, Established **HMC**:High-Moisture Corn **HN**:Hay, New **LH**:Legume Hay **O**:Oats **OC**:Other Clover **OCC**:Other Cover Crop **OMix**:Mixed Forage/Cover Species **P**:Pasture **PV-CRP**:Permanent Vegetation/CRP (not grazed) **RC**:Red Clover **S**:Soybean **Sn**:Snaplage **So**:Sorghum **Su**:Sudangrass **Su**:Sunflower **T**:Triticale **Tr**:Trefoil **V**:Vetch **W**:Wheat **WC**:White Clover **WR**:Winter Rye **Wo**:Woodland (not grazed)

Field Name	Tract & Field #	Acres		Soil Type	RUSLE2 Tolerable Soil Loss (T)	Rotation	RUSLE2 Rotation Soil Loss	Year in Rotation	RUSLE2 Annual Soil Loss	Soil Test Levels			VT P Index
		Owned	Rented							P	K	pH	
Woods	5889-9	5.5	0	BuB	2	1GHE	0.31	GHE	0.8	8	139	6.7	Low
Total Acres:		**171.4**	**257.3**										
Combined:		**428.700000000000 5**											

Describe how yield goals were determined:
BLANK

Soil Test Schedule

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Tract & Field #	Field Label	Acres	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
5871-9	**10 Acre**	9.7	X			X			X			X			X	
5888-10	**Back Woods**	6.4	X			X			X			X			X	
5871-7b	**Behind Trailer/Middle**	12.9	X			X			X			X			X	
5871-7a	**Behind Trailer/Next to Road**	6.3	X			X			X			X			X	
5889-3a	**Brook Field**	9.6	X			X			X			X			X	
5889-8	**Deer Field**	3.3	X			X			X			X			X	
100-1	**Ditch Field**	14.7	X			X			X			X			X	
5889-6, 5889-7	**Dog Leg**	11.3	X			X			X			X			X	
5887-1	**Fire House**	3.8	X			X			X			X			X	
181-2a	**Hokansons North East**	5.7		X			X			X			X			
181-1a	**Hokansons North West**	5.7		X			X			X			X			
181-1b, 181-2b	**Hokansons South**	6.3	X			X			X			X			X	
5870-1	**Jacques 1/north south**	8	X			X			X			X			X	
5870-2	**Jacques 2**	13.8	X			X			X			X			X	
5870-3	**Jacques 3**	8.1	X			X			X			X			X	
5870-6	**Jacques 4/ Below House**	7	X			X			X			X			X	
5870-9	**Jacques 5**	10.2	X			X			X			X			X	
5889-11	**Langevin House**	6.5	X			X			X			X			X	

Soil Test Schedule

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Tract & Field #	Field Label	Acres	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
100-9	**Langevin North West**	4.5	X			X			X			X			X	
100-7	**Langevin South West**	3.8	X			X			X			X			X	
5887-2	**Ledge Field**	2.5	X			X			X			X			X	
99-3	**Lower Bean**	5.5	X			X			X			X			X	
5889-3b	**Lower Brook Field**	3.4		X			X			X			X			
99-4	**Middle Bean**	10.7	X			X			X			X			X	
99-2	**North Bean East**	2.1	X			X			X			X			X	
99-1	**North Bean West**	6.3	X			X			X			X			X	
65-13	**North Farmstead**	7.6	X			X			X			X			X	
100-4	**Orchard Middle**	3.6	X			X			X			X			X	
662-1	**Osha Across Road**	9.5	X			X			X			X			X	
662-4	**Osha Behind House**	15.4	X			X			X			X			X	
662-3	**Osha Behind House 2**	9.7	X			X			X			X			X	
662-6	**Osha Long Pad**	5.1	X			X			X			X			X	
662-5	**Osha Square Pad**	4.8	X			X			X			X			X	
4947-1	**Parkers**	9.8	X			X			X			X			X	
100-2, 100-5	**Pumpkin Patch**	7.6	X			X			X			X			X	
5706-1b	**RT 66 North East**	8.6		X			X			X			X			
5706-1a	**RT 66 North West**	7.2	X			X			X			X			X	

Soil Test Schedule

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Tract & Field #	Field Label	Acres	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
5895-2	**RT 66 South**	7.1	X			X			X			X			X	
5326-2a	**Richardson Hill SW**	5.2	X			X			X			X			X	
5326-4	**Richardson Middle NE**	6.9	X			X			X			X			X	
5326-5	**Richardson N Mid W**	4.6	X			X			X			X			X	
5325-1, 5326-6	**Richardson NW**	11.3	X			X			X			X			X	
5326-4b	**Richardson's Horse Pasture**	4.3		X			X			X			X			
5326-3a	**Richardsons Hole**	10.1		X			X			X			X			
5326-3b	**Richardsons Knob**	5.3	X			X			X			X			X	
5326-2b	**Richardsons Mid South**	16		X			X			X			X			
5871-8	**Roller Coaster**	17.1	X			X			X			X			X	
65-3	**Skeet Range**	2.1	X			X			X			X			X	
65-5	**Ski Tow**	5	X			X			X			X			X	
100-10	**Soccer Field**	3.9	X			X			X			X			X	
65-14	**Sugarhouse**	7.9	X			X			X			X			X	
65-6	**Sunset North**	3.1		X			X			X			X			
65-12	**Sunset West**	3.3	X			X			X			X			X	
65-9	**Triangle**	3.8	X			X			X			X			X	
99-5	**Upper Bean**	10.8	X			X			X			X			X	
5889-4	**Veterans Cemetery**	3	X			X			X			X			X	

Soil Test Schedule

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Tract & Field #	Field Label	Acres	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
65-2	**West Farmstead**	3.8	X			X			X			X			X	
5942-1	**Wheatley's**	5.6	X			X			X			X			X	
65-7, 65-8	**Windmill**	6	X			X			X			X			X	
5889-9	**Woods**	5.5	X			X			X			X			X	

(X) denotes missed years

Environmental Concerns Risk Assessment

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

The Environmental Concerns Risk Assessment provides a field by field assessment to identify environmentally sensitive features.
This assessment also provides information on the potential for phosphorus and nitrogen transport from the field to sensitive areas.

Field Name	Tract & Field #	Acres	Crop	Dominant Soil	Limiting Soil	Hydro-logic Group	Dom. Drainage Class	Water Table Depth (ft)	Flood Potential	Depth to Bedrock (in)	RUSLE2 Soil Loss Avg.	RUSLE2 Soil Loss This Year	Water Qual. Site Conside-rations	Soil Test P Range	P-Index, Planned	Nitrate Leaching Potential
10 Acre	5871-9	9.7	Forage Sorghum/Sudang rass	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	1.2	N/A	Optimum	Medium	High
Back Woods	5888-10	6.4	Grass, Hay, Established	BuC	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.8	N/A	Optimum	Medium	High
Behind Trailer/Middle	5871-7b	12.9	Grass/Legume, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.6	North End Ditch	Optimum	Medium	High
Behind Trailer/Next to Road	5871-7a	6.3	Grass/Legume, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.6	N/A	Very High	Medium	High
Brook Field	5889-3a	9.6	Corn Silage	BuB	-	C	Moderately Well Drained	1 2	None	> 60	2.5	1.5	N/A	Optimum	Low	High
Deer Field	5889-8	3.3	Grass/Legume, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.7	N/A	Optimum	Medium	High
Ditch Field	100-1	14.7	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.6	N/A	Optimum	Medium	Med
Dog Leg	5889-6, 5889-7	11.3	Corn Silage	BuB	-	C	Moderately Well Drained	1 2	None	> 60	2	1.1	N/A	Optimum	Low	Med
Fire House	5887-1	3.8	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.6	Well	Optimum	Low	Low
Hokansons North East	181-2a	5.7	Grass, Hay, Established	CaB	-	D	Poorly Drained	0 1.5	None	10-20	0.31	0.31	N/A	High	Medium	Med
Hokansons North West	181-1a	5.7	Grass, Hay, Established	BvC	-	C	Moderately Well Drained	1 2	None	10-20	0.31	0.31	N/A	High	Medium	High
Hokansons South	181-1b, 181-2b	6.3	Grass/Legume, Hay, New	BuB	-	C	Moderately Well Drained	1 2	None	> 60	4.5	0.5	N/A	High	Low	High
Jacques 1/north south	5870-1	8	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.6	N/A	Very High	Medium	High

Environmental Concerns Risk Assessment

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

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Field Name	Tract & Field #	Acres	Crop	Dominant Soil	Limiting Soil	Hydro-logic Group	Dom. Drainage Class	Water Table Depth (ft)	Flood Potential	Depth to Bedrock (in)	RUSLE2 Soil Loss		Water Qual. Site Conside-rations	Soil Test P Range	P-Index, Planned	Nitrate Leaching Potential
											Avg.	This Year				
Jacques 2	5870-2	13.8	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	N/A	Very High	Medium	High
Jacques 3	5870-3	8.1	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	Wet Field	Very High	High	High
Jacques 4/ Below House	5870-6	7	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	N/A	Very High	High	High
Jacques 5	5870-9	10.2	Grass/Legume, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	N/A	Very High	High	High
Langevin House	5889-11	6.5	Corn Silage	BuB	-	C	Moderately Well Drained	1 2	None	> 60	1.1	1.2	N/A	Optimum	Medium	High
Langevin North West	100-9	4.5	Grass, Pasture	BuC	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	N/A	Optimum	Low	Med
Langevin South West	100-7	3.8	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	On diversion ditch	Optimum	Low	Med
Ledge Field	5887-2	2.5	Grass/Legume, Hay, Established	BuC	-	C	Moderately Well Drained	1 2	None	> 60	0.31	1	wetland	Optimum	Medium	High
Lower Bean	99-3	5.5	Grass/Legume, Hay, Established	BuB	-	C	Somewhat Poorly Drained	1 2	None	> 60	0.31	0.6	N/A	Optimum	Medium	Med
Lower Brook Field	5889-3b	3.4	Grass, Hay, Established	CaB	-	D	Poorly Drained	0 1.5	None	10-20	0.31	0.31	Penny Brook	Optimum	Medium	Med
Middle Bean	99-4	10.7	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.54	0.5	N/A	Optimum	Medium	Med
North Bean East	99-2	2.1	Grass, Hay, Established	BuC	-	C	Somewhat Poorly Drained	1 2	None	> 60	0.31	0.5	N/A	Optimum	Medium	Med
North Bean West	99-1	6.3	Grass/Legume, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.8	N/A	Medium	Low	Med

Environmental Concerns Risk Assessment

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

The Environmental Concerns Risk Assessment provides a field by field assessment to identify environmentally sensitive features.
This assessment also provides information on the potential for phosphorus and nitrogen transport from the field to sensitive areas.

Field Name	Tract & Field #	Acres	Crop	Dominant Soil	Limiting Soil	Hydro-logic Group	Dom. Drainage Class	Water Table Depth (ft)	Flood Potential	Depth to Bedrock (in)	RUSLE2 Soil Loss		Water Qual. Site Conside-rations	Soil Test P Range	P-Index, Planned	Nitrate Leaching Potential
											Avg.	This Year				
North Farmstead	65-13	7.6	Alfalfa	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.47	0.7	N/A	High	Low	High
Orchard Middle	100-4	3.6	Grass/Legume, Hay, New	BuC	-	C	Moderately Well Drained	1 2	None	> 60	0.79	1	N/A	Optimum	Medium	High
Osha Across Road	662-1	9.5	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	N/A	Optimum	Medium	Med
Osha Behind House	662-4	15.4	Grass, Hay, Established	BuC	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.9	N/A	Optimum	Medium	Med
Osha Behind House 2	662-3	9.7	Grass, Hay, Established	BuC	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.9	N/A	Optimum	Medium	High
Osha Long Pad	662-6	5.1	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.8	N/A	Optimum	Medium	High
Osha Square Pad	662-5	4.8	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.9	N/A	Optimum	Medium	High
Parkers	4947-1	9.8	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.38	1.1	N/A	High	Medium	High
Pumpkin Patch	100-2, 100-5	7.6	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	Spring	Optimum	Medium	High
RT 66 North East	5706-1b	8.6	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	10-20	0.31	0.31	N/A	Very High	Medium	High
RT 66 North West	5706-1a	7.2	Grass/Legume, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.6	N/A	Very High	Medium	High
RT 66 South	5895-2	7.1	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.8	Proximity to Wet Land	High	Medium	High
Richardson Hill SW	5326-2a	5.2	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	N/A	Medium	Low	High

Environmental Concerns Risk Assessment

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

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Field Name	Tract & Field #	Acres	Crop	Dominant Soil	Limiting Soil	Hydro-logic Group	Dom. Drainage Class	Water Table Depth (ft)	Flood Potential	Depth to Bedrock (in)	RUSLE2 Soil Loss Avg.	RUSLE2 Soil Loss This Year	Water Qual. Site Conside-rations	Soil Test P Range	P-Index, Planned	Nitrate Leaching Potential
Richardson Middle NE	5326-4	6.9	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	4.1	0.5	N/A	Low	Low	High
Richardson N Mid W	5326-5	4.6	Corn Silage	BuB	-	C	Moderately Well Drained	1 2	None	> 60	4.1	1.2	N/A	Low	Low	High
Richardson NW	5325-1, 5326-6	11.3	Corn Silage	BuB	-	C	Moderately Well Drained	1 2	None	> 60	4.2	1.2	N/A	Medium	Low	High
Richardson's Horse Pasture	5326-4b	4.3	Grass, Hay, Established	CoC	-	B	Moderately Well Drained	> 60	None	translation missing: en.constants.soils.depth_to_bedrock_values.not_applicable	4.1	4.1		Low	Medium	High
Richardsons Hole	5326-3a	10.1	Alfalfa	CoC	-	B	Moderately Well Drained	> 60	None	10-20	0.6	0.6	N/A	Low	Low	High
Richardsons Knob	5326-3b	5.3	Grass/Legume, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.8	N/A	Medium	Low	Low
Richardsons Mid South	5326-2b	16	Grass, Hay, Established	CoC	-	B	Moderately Well Drained	> 60	None	10-20	0.31	0.31	N/A	Low	Low	High
Roller Coaster	5871-8	17.1	Grass/Legume, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	N/A	Very High	High	High
Skeet Range	65-3	2.1	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.28	0.7	N/A	Very High	Medium	High
Ski Tow	65-5	5	Grass, Pasture	BuD	-	C	Moderately Well Drained	1 2	None	> 60	0.31	1.1	No spreading/ Fertilizing	High	Low	High
Soccer Field	100-10	3.9	Corn Silage	BuC	-	C	Moderately Well Drained	1 2	None	> 60	4.2	1.5	N/A	Optimum	Low	Med

Environmental Concerns Risk Assessment

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

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Field Name	Tract & Field #	Acres	Crop	Dominant Soil	Limiting Soil	Hydro-logic Group	Dom. Drainage Class	Water Table Depth (ft)	Flood Potential	Depth to Bedrock (in)	RUSLE2 Soil Loss		Water Qual. Site Conside-rations	Soil Test P Range	P-Index, Planned	Nitrate Leaching Potential
											Avg.	This Year				
Sugarhouse	65-14	7.9	Grass, Hay, Established	BuB	-	C	Poorly Drained	1 2	None	> 60	0.31	0.5	N/A	High	Low	Med
Sunset North	65-6	3.1	Pasture	BuB	-	C	Moderately Well Drained	1 2	None	10-20	0.31	0.31	N/A	High	Low	High
Sunset West	65-12	3.3	Grass, Pasture	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.5	N/A	High	Low	High
Triangle	65-9	3.8	Grass, Pasture	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.2	N/A	High	Low	High
Upper Bean	99-5	10.8	Alfalfa	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.54	0.5	N/A	Optimum	Low	High
Veterans Cemetery	5889-4	3	Grass, Hay, Established	BuC	-	C	Moderately Well Drained	1 2	None	> 60	0.31	1.5	No Spreading /Fertilizing	Optimum	Low	High
West Farmstead	65-2	3.8	Corn Silage	BuB	-	C	Moderately Well Drained	1 2	None	> 60	2.4	0.5	N/A	Very High	Low	High
Wheatley's	5942-1	5.6	Grass/Legume, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.72	0.6	N/A	High	Low	High
Windmill	65-7, 65-8	6	Grass, Pasture	BuC	-	C	Moderately Well Drained	1 2	None	> 60	0.31	1.1	N/A	High	Low	High
Woods	5889-9	5.5	Grass, Hay, Established	BuB	-	C	Moderately Well Drained	1 2	None	> 60	0.31	0.8	N/A	Optimum	Low	High

Farm Nutrient Balance (Based on Planned Crop Removal Rates)

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Nutrients Available as Manure v. Nutrients Removed by Crops

Total Nutrient Removed = yield X acres X lbs of nutrients removed per unit of yield

				Nitrogen		P_2O_5		K_2O	
Field	Acres	Crop	Yield/Acre	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed
10 Acre [5871-9]	9.7	**Hay**	4 T	40	1552	15	582	50	1940
Back Woods [5888-10]	6.4	**Hay**	3 T	40	768	15	288	50	960
Behind Trailer/Middle [5871-7b]	12.9	**Hay**	4 T	40	2064	15	774	50	2580
Behind Trailer/Next to Road [5871-7a]	6.3	**Hay**	3.5 T	40	882	15	330.75	50	1102.5
Brook Field [5889-3a]	9.6	**Corn Silage**	18 T	9	1555.2	5	864	11	1900.8
Deer Field [5889-8]	3.3	**Hay**	4 T	40	528	15	198	50	660
Ditch Field [100-1]	14.7	**Hay**	3 T	40	1764	15	661.5	50	2205
Dog Leg [5889-6, 5889-7]	11.3	**Hay**	3.5 T	40	1582	15	593.25	50	1977.5
Fire House [5887-1]	3.8	**Hay**	3.5 T	40	532	15	199.5	50	665
Hokansons North East [181-2a]	5.7	**Hay**	3 T	40	684	15	256.5	50	855
Hokansons North West [181-1a]	5.7	**Hay**	3 T	40	684	15	256.5	50	855

Farm Nutrient Balance (Based on Planned Crop Removal Rates)

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Nutrients Available as Manure v. Nutrients Removed by Crops

Total Nutrient Removed = yield X acres X lbs of nutrients removed per unit of yield

				Nitrogen		P_2O_5		K_2O	
Field	Acres	Crop	Yield/Acre	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed
Hokansons South [181-1b, 181-2b]	6.3	**Corn Silage**	18 T	9	1020.6	5	567	11	1247.4
Jacques 1/north south [5870-1]	8	**Hay**	4 T	40	1280	15	480	50	1600
Jacques 2 [5870-2]	13.8	**Hay**	4 T	40	2208	15	828	50	2760
Jacques 3 [5870-3]	8.1	**Hay**	4 T	40	1296	15	486	50	1620
Jacques 4/ Below House [5870-6]	7	**Hay**	4 T	40	1120	15	420	50	1400
Jacques 5 [5870-9]	10.2	**Hay**	3.5 T	40	1428	15	535.5	50	1785
Langevin House [5889-11]	6.5	**Corn Silage**	18 T	9	1053	5	585	11	1287
Langevin North West [100-9]	4.5	**Hay**	5 T	40	900	15	337.5	50	1125
Langevin South West [100-7]	3.8	**Pasture**	5 T	40	760	15	285	50	950
Ledge Field [5887-2]	2.5	**Hay**	4 T	40	400	15	150	50	500
Lower Bean [99-3]	5.5	**Hay**	3 T	40	660	15	247.5	50	825

Farm Nutrient Balance (Based on Planned Crop Removal Rates)

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Nutrients Available as Manure v. Nutrients Removed by Crops

Total Nutrient Removed = yield X acres X lbs of nutrients removed per unit of yield

				Nitrogen		P_2O_5		K_2O	
Field	Acres	Crop	Yield/Acre	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed
Lower Brook Field [5889-3b]	3.4	**Hay**	3 T	40	408	15	153	50	510
Middle Bean [99-4]	10.7	**Hay**	5 T	40	2140	15	802.5	50	2675
North Bean East [99-2]	2.1	**Hay**	3 T	40	252	15	94.5	50	315
North Bean West [99-1]	6.3	**Hay**	3 T	40	756	15	283.5	50	945
North Farmstead [65-13]	7.6	**Alfalfa**	5 T	51	1938	12	456	49	1862
Orchard Middle [100-4]	3.6	**Hay**	3.5 T	40	504	15	189	50	630
Osha Across Road [662-1]	9.5	**Hay**	4 T	40	1520	15	570	50	1900
Osha Behind House [662-4]	15.4	**Hay**	4 T	40	2464	15	924	50	3080
Osha Behind House 2 [662-3]	9.7	**Hay**	4 T	40	1552	15	582	50	1940
Osha Long Pad [662-6]	5.1	**Hay**	3.5 T	40	714	15	267.75	50	892.5
Osha Square Pad [662-5]	4.8	**Hay**	3.5 T	40	672	15	252	50	840

Farm Nutrient Balance (Based on Planned Crop Removal Rates)

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Nutrients Available as Manure v. Nutrients Removed by Crops

Total Nutrient Removed = yield X acres X lbs of nutrients removed per unit of yield

				Nitrogen		P_2O_5		K_2O	
Field	Acres	Crop	Yield/Acre	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed
Parkers [4947-1]	9.8	**Hay**	4.5 T	40	1764	15	661.5	50	2205
Pumpkin Patch [100-2, 100-5]	7.6	**Hay**	4 T	40	1216	15	456	50	1520
RT 66 North East [5706-1b]	8.6	**Hay**	3.5 T	40	1204	15	451.5	50	1505
RT 66 North West [5706-1a]	7.2	**Hay**	2 T	40	576	15	216	50	720
RT 66 South [5895-2]	7.1	**Hay**	4 T	40	1136	15	426	50	1420
Richardson Hill SW [5326-2a]	5.2	**Hay**	4 T	40	832	15	312	50	1040
Richardson Middle NE [5326-4]	6.9	**Hay**	4 T	40	1104	15	414	50	1380
Richardson N Mid W [5326-5]	4.6	**Hay**	4 T	40	736	15	276	50	920
Richardson NW [5325-1, 5326-6]	11.3	**Corn Silage**	18 T	9	1830.6	5	1017	11	2237.4
Richardson's Horse Pasture [5326-4b]	4.3	**Hay**	3.5 T	40	602	15	225.75	50	752.5

Farm Nutrient Balance (Based on Planned Crop Removal Rates)

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Nutrients Available as Manure v. Nutrients Removed by Crops

Total Nutrient Removed = yield X acres X lbs of nutrients removed per unit of yield

				Nitrogen		P_2O_5		K_2O	
Field	Acres	Crop	Yield/Acre	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed
Richardsons Hole [5326-3a]	10.1	**Hay**	3.5 T	40	1414	15	530.25	50	1767.5
Richardsons Knob [5326-3b]	5.3	**Hay**	4 T	40	848	15	318	50	1060
Richardsons Mid South [5326-2b]	16	**Hay**	3.5 T	40	2240	15	840	50	2800
Roller Coaster [5871-8]	17.1	**Hay**	4 T	40	2736	15	1026	50	3420
Skeet Range [65-3]	2.1	**Hay**	4 T	40	336	15	126	50	420
Ski Tow [65-5]	5	**Pasture**	2 T	40	400	15	150	50	500
Soccer Field [100-10]	3.9	**Corn Silage**	18 T	9	631.8	5	351	11	772.2
Sugarhouse [65-14]	7.9	**Hay**	3 T	40	948	15	355.5	50	1185
Sunset North [65-6]	3.1	**Pasture**	3 T	40	372	15	139.5	50	465
Sunset West [65-12]	3.3	**Pasture**	3 T	40	396	15	148.5	50	495
Triangle [65-9]	3.8	**Hay**	3.5 T	40	532	15	199.5	50	665

Farm Nutrient Balance (Based on Planned Crop Removal Rates)

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Nutrients Available as Manure v. Nutrients Removed by Crops

Total Nutrient Removed = yield X acres X lbs of nutrients removed per unit of yield

				Nitrogen		P_2O_5		K_2O	
Field	Acres	Crop	Yield/Acre	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed	lbs/unit yield	Total Removed
Upper Bean [99-5]	10.8	**Hay**	4 T	40	1728	15	648	50	2160
Veterans Cemetery [5889-4]	3	**Hay**	1.5 T	40	180	15	67.5	50	225
West Farmstead [65-2]	3.8	**Hay**	3.5 T	40	532	15	199.5	50	665
Wheatley's [5942-1]	5.6	**Hay**	3.5 T	40	784	15	294	50	980
Windmill [65-7, 65-8]	6	**Pasture**	3 T	40	720	15	270	50	900
Woods [5889-9]	5.5	**Hay**	3 T	40	660	15	247.5	50	825
Supplied By Manure:		(Assuming 100% Availability)			64050		14700		67200
Balance:		Estimated Nutrients Needed: (negative number indicates excess)			**49.2**		**10166.25**		**12194.3**

Interpretation

Does this Balance indicate that you have the land base needed for an appropriate application of the volume of waste that your farm produces?

Yes, I have enough

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**10 Acre** **5871-9**	**Back Woods** **5888-10**	**Behind Trailer/Middle** **5871-7b**	**Behind Trailer/Next to Road** **5871-7a**
P Index:	40.91	34.67	43.94	52.72
interpretation:	Medium	Medium	Medium	Medium
Pathway I: Sediment-bound P	11.24	7.58	10.68	12.1
Pathway II:	29.67	27.08	33.26	40.61
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	8	8	8	34
Reactive soil aluminum, ppm	22	40	27	12
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	42	46.2	42	0
Summer application method	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)	None applied
Summer time to incorporation	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated	None applied
Manure type	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow	None spplied
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	1.2	0.8	0.6	0.6
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuC - Buckland stony loam, 8 to 15 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	100	1800	5	10
Vegetated buffer width, feet	100	1800	25	25
Manure spreading setback, feet	0	0	25	25
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Brook Field** **5889-3a**	**Deer Field** **5889-8**	**Ditch Field** **100-1**	**Dog Leg** **5889-6, 5889-7**
P Index:	25.01	38.53	39.46	18.65
interpretation:	Low	Medium	Medium	Low
Pathway I: Sediment-bound P	12.74	7.79	7.39	7.64
Pathway II:	12.27	30.74	32.07	11.01
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	5	8	5	4.8
Reactive soil aluminum, ppm	13	5	13	53
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	0	42	50.4	8.4
Summer application method	None applied	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)
Summer time to incorporation	None applied	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated
Manure type	None spplied	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	1.5	0.7	0.6	1.1
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	0 - 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Corn & other row crops	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	50	100	100	100
Vegetated buffer width, feet	50	100	100	100
Manure spreading setback, feet	0	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Fire House** **5887-1**	**Hokansons North East** **181-2a**	**Hokansons North West** **181-1a**	**Hokansons South** **181-1b, 181-2b**
P Index:	10.81	54.52	38.21	25.81
interpretation:	Low	Medium	Medium	Low
Pathway I: Sediment-bound P	3.28	5.38	4.76	3.47
Pathway II:	7.52	49.13	33.45	22.34
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	5	16	16	16
Reactive soil aluminum, ppm	24	25	25	25
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	0	42	42	0
Summer application method	None applied	Not incorporated (1)	Not incorporated (1)	None applied
Summer time to incorporation	None applied	8-21 days / Not incorporated	8-21 days / Not incorporated	None applied
Manure type	None spplied	Dairy - Lactating Cow	Dairy - Lactating Cow	None spplied
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	0.6	0.31	0.31	0.5
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	CaB - Cabot stony silt loam, 0 to 8 percent slopes (D)	BvC - Buckland very stony loam, 8 to 25 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	0 - 20 %
Crop / Vegetation type	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages	Corn & other row crops
TOTAL distance to stream, feet	400	100	450	500
Vegetated buffer width, feet	400	100	450	500
Manure spreading setback, feet	0	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Jacques 1/north south** **5870-1**	**Jacques 2** **5870-2**	**Jacques 3** **5870-3**	**Jacques 4/ Below House** **5870-6**
P Index:	37.82	58.17	65.14	73.31
interpretation:	Medium	Medium	High	High
Pathway I: Sediment-bound P	5.91	7.72	9.02	12.57
Pathway II:	31.9	50.45	56.12	60.75
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	35	35	35	35
Reactive soil aluminum, ppm	16	16	16	16
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	0	42	46.2	37.8
Summer application method	None applied	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)
Summer time to incorporation	None applied	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated
Manure type	None spplied	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	0.6	0.5	0.5	0.5
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	400	200	100	25
Vegetated buffer width, feet	400	200	100	25
Manure spreading setback, feet	0	0	0	25
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Jacques 5** **5870-9**	**Langevin House** **5889-11**	**Langevin North West** **100-9**	**Langevin South West** **100-7**
P Index:	73.49	31.23	15.52	13.57
interpretation:	High	Medium	Low	Low
Pathway I: Sediment-bound P	12.75	8.64	5.7	5.83
Pathway II:	60.75	22.59	9.83	7.75
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	35	5	5	5
Reactive soil aluminum, ppm	16	33	33	33
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	37.8	33.6	0	0
Summer application method	Not incorporated (1)	Not incorporated (1)	None applied	None applied
Summer time to incorporation	8-21 days / Not incorporated	8-21 days / Not incorporated	None applied	None applied
Manure type	Dairy - Lactating Cow	Dairy - Lactating Cow	None spplied	None spplied
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	0.5	1.2	0.5	0.5
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuC - Buckland stony loam, 8 to 15 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	0 - 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Corn & other row crops	Alfalfa & other forages	Pasture (50-75% cover, not heavily grazed)
TOTAL distance to stream, feet	20	500	10	5
Vegetated buffer width, feet	25	500	25	25
Manure spreading setback, feet	25	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Ledge Field** **5887-2**	**Lower Bean** **99-3**	**Lower Brook Field** **5889-3b**	**Middle Bean** **99-4**
P Index:	37.13	33.92	46.13	33.33
interpretation:	Medium	Medium	Medium	Medium
Pathway I: Sediment-bound P	9.43	6.17	5.8	5.57
Pathway II:	27.7	27.76	40.33	27.76
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	5	8	5	8
Reactive soil aluminum, ppm	13	15	13	15
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	42	42	42	42
Summer application method	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)
Summer time to incorporation	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated
Manure type	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	1	0.6	0.31	0.5
Soil type or series (HydrGrp)	BuC - Buckland stony loam, 8 to 15 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	CaB - Cabot stony silt loam, 0 to 8 percent slopes (D)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	100	500	50	500
Vegetated buffer width, feet	100	500	50	500
Manure spreading setback, feet	0	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**North Bean East** **99-2**	**North Bean West** **99-1**	**North Farmstead** **65-13**	**Orchard Middle** **100-4**
P Index:	31.4	30.18	27.84	33.64
interpretation:	Medium	Low	Low	Medium
Pathway I: Sediment-bound P	5.44	6.84	5.73	8.18
Pathway II:	25.97	23.34	22.11	25.46
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	6	3	17	5
Reactive soil aluminum, ppm	18	21	25	13
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	42	42	12.6	42
Summer application method	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)
Summer time to incorporation	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated
Manure type	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	0.5	0.8	0.7	1
Soil type or series (HydrGrp)	BuC - Buckland stony loam, 8 to 15 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuC - Buckland stony loam, 8 to 15 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	500	400	750	750
Vegetated buffer width, feet	500	400	750	750
Manure spreading setback, feet	0	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Osha Across Road** **662-1**	**Osha Behind House** **662-4**	**Osha Behind House 2** **662-3**	**Osha Long Pad** **662-6**
P Index:	38.92	38.23	37.08	32.33
interpretation:	Medium	Medium	Medium	Medium
Pathway I: Sediment-bound P	6.4	8.94	8.24	7.13
Pathway II:	32.52	29.29	28.83	25.21
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	600 - 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	8	8	6	6
Reactive soil aluminum, ppm	20	20	26	26
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	50.4	50.4	50.4	42
Summer application method	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)
Summer time to incorporation	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated
Manure type	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	0.5	0.9	0.9	0.8
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuC - Buckland stony loam, 8 to 15 percent slopes (C)	BuC - Buckland stony loam, 8 to 15 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	150	150	750	500
Vegetated buffer width, feet	150	150	750	500
Manure spreading setback, feet	0	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Osha Square Pad** **662-5**	**Parkers** **4947-1**	**Pumpkin Patch** **100-2, 100-5**	**RT 66 North East** **5706-1b**
P Index:	37.19	40.04	30.85	45.74
interpretation:	Medium	Medium	Medium	Medium
Pathway I: Sediment-bound P	8.26	9.79	5.39	5.19
Pathway II:	28.92	30.25	25.46	40.56
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	6	9	5	25
Reactive soil aluminum, ppm	26	34	13	28
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	50.4	50.4	42	42
Summer application method	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)
Summer time to incorporation	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated
Manure type	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	0.9	1.1	0.5	0.31
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	300	600	500	300
Vegetated buffer width, feet	300	600	500	300
Manure spreading setback, feet	0	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**RT 66 North West** **5706-1a**	**RT 66 South** **5895-2**	**Richardson Hill SW** **5326-2a**	**Richardson Middle NE** **5326-4**
P Index:	48.05	41.82	23.04	7.63
interpretation:	Medium	Medium	Low	Low
Pathway I: Sediment-bound P	7.59	8.51	5.21	2.55
Pathway II:	40.45	33.31	17.83	5.08
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	25	10	3	2
Reactive soil aluminum, ppm	28	26	81	60
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	42	50.4	42	0
Summer application method	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)	None applied
Summer time to incorporation	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated	None applied
Manure type	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow	None spplied
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	0.6	0.8	0.5	0.5
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	400	150	1500	800
Vegetated buffer width, feet	400	150	1500	800
Manure spreading setback, feet	0	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Richardson N Mid W** **5326-5**	**Richardson NW** **5325-1, 5326-6**	**Richardson's Horse Pasture** **5326-4b**	**Richardsons Hole** **5326-3a**
P Index:	27.52	22.19	34.16	16.17
interpretation:	Low	Low	Medium	Low
Pathway I: Sediment-bound P	8.76	8.49	23.67	5.67
Pathway II:	18.76	13.7	10.5	10.49
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	2	3	2	2
Reactive soil aluminum, ppm	60	82	60	60
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	42	42	42	42
Summer application method	Not incorporated (1)	Incorp. / disk (0.40)	Not incorporated (1)	Not incorporated (1)
Summer time to incorporation	8-21 days / Not incorporated	2 - 4 days	8-21 days / Not incorporated	8-21 days / Not incorporated
Manure type	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	1.2	1.2	4.1	0.6
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	CoC - Colrain stony fine sandy loam, 8 to 15 percent slopes (B)	CoC - Colrain stony fine sandy loam, 8 to 15 percent slopes (B)
Surface cover %	> 20 %	0 - 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Corn & other row crops	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	700	1200	675	800
Vegetated buffer width, feet	700	1200	675	800
Manure spreading setback, feet	0	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Richardsons Knob** **5326-3b**	**Richardsons Mid South** **5326-2b**	**Roller Coaster** **5871-8**	**Skeet Range** **65-3**
P Index:	27.59	14.68	76.04	51.4
interpretation:	Low	Low	High	Medium
Pathway I: Sediment-bound P	7.32	4.18	12.91	8.61
Pathway II:	20.27	10.49	63.13	42.79
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	3	2	35	29
Reactive soil aluminum, ppm	92	60	16	16
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	50.4	42	42	37.8
Summer application method	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)	Not incorporated (1)
Summer time to incorporation	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated	8-21 days / Not incorporated
Manure type	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow	Dairy - Lactating Cow
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	0.8	0.31	0.5	0.7
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	CoC - Colrain stony fine sandy loam, 8 to 15 percent slopes (B)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	750	1200	25	1800
Vegetated buffer width, feet	750	1200	25	1800
Manure spreading setback, feet	0	0	25	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Ski Tow** **65-5**	**Soccer Field** **100-10**	**Sugarhouse** **65-14**	**Sunset North** **65-6**
P Index:	24.01	26.36	28.49	10.34
interpretation:	Low	Low	Low	Low
Pathway I: Sediment-bound P	12.92	9.32	5.08	1.86
Pathway II:	11.09	17.04	23.41	8.49
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	9	5	9	9
Reactive soil aluminum, ppm	11	24	34	24
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	0	21	33.6	0
Summer application method	None applied	Incorp. / disk (0.40)	Not incorporated (1)	None applied
Summer time to incorporation	None applied	2 - 4 days	8-21 days / Not incorporated	None applied
Manure type	None spplied	Dairy - Lactating Cow	Dairy - Lactating Cow	None spplied
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	1.1	1.5	0.5	0.31
Soil type or series (HydrGrp)	BuD - Buckland stony loam, 15 to 25 percent slopes (C)	BuC - Buckland stony loam, 8 to 15 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	0 - 20 %	> 20 %	> 20 %
Crop / Vegetation type	Pasture (50-75% cover, not heavily grazed)	Corn & other row crops	Alfalfa & other forages	Pasture (50-75% cover, not heavily grazed)
TOTAL distance to stream, feet	25	600	600	2000
Vegetated buffer width, feet	25	600	600	2000
Manure spreading setback, feet	25	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name: **Track & Field #:**	**Sunset West** **65-12**	**Triangle** **65-9**	**Upper Bean** **99-5**	**Veterans Cemetery** **5889-4**
P Index:	11.48	26.61	22.45	18.74
interpretation:	Low	Low	Low	Low
Pathway I: Sediment-bound P	2.99	3.27	4.22	8.78
Pathway II:	8.49	23.34	18.23	9.95
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	9	9	8	8
Reactive soil aluminum, ppm	24	35	15	40
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	0	33.6	21	0
Summer application method	None applied	Not incorporated (1)	Not incorporated (1)	None applied
Summer time to incorporation	None applied	8-21 days / Not incorporated	8-21 days / Not incorporated	None applied
Manure type	None spplied	Dairy - Lactating Cow	Dairy - Lactating Cow	None spplied
Fertilizer rate, lb P2O5/ac	0	0	0	0
Fertilizer method/timing	-	-	-	-
Erosion rate(RUSLE, tons/ac)	0.5	0.2	0.5	1.5
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuC - Buckland stony loam, 8 to 15 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Pasture (50-75% cover, not heavily grazed)	Alfalfa & other forages	Alfalfa & other forages	Alfalfa & other forages
TOTAL distance to stream, feet	3000	800	1200	600
Vegetated buffer width, feet	3000	800	1200	600
Manure spreading setback, feet	0	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

VT P Index

Farm Name	**VTC**		Plan Date	**2015-05-25**	Crop Year **2016**
Farm Manager	**Charlie Dana**		Planner	**Heather Darby**	

Field Name: **Track & Field #:**	**West Farmstead** **65-2**	**Wheatley's** **5942-1**	**Windmill** **65-7, 65-8**	**Woods** **5889-9**
P Index:	28.38	29.62	15.07	28.94
interpretation:	Low	Low	Low	Low
Pathway I: Sediment-bound P	4.13	5.68	6.58	6.77
Pathway II:	24.26	23.94	8.49	22.17
Location (Vermont County)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)	NE (Orange, Orleans, Essex, Caledonia)
Elevation zone, feet	> 1000 ft	> 1000 ft	> 1000 ft	> 1000 ft
Soil test P, ppm (Mod.Morgan)	25	9	9	8
Reactive soil aluminum, ppm	1	27	11	40
Fall manure, lb P2O5/ac	0	0	0	0
Fall application method	None applied	None applied	None applied	None applied
Fall time to incorporation	None applied	None applied	None applied	None applied
Spring manure, lb P2O5/ac	0	0	0	0
Spring application method	None applied	None applied	None applied	None applied
Spring time to incorporation	None applied	None applied	None applied	None applied
Summer manure, lb P2O5/ac	0	33.6	0	33.6
Summer application method	None applied	Not incorporated (1)	None applied	Not incorporated (1)
Summer time to incorporation	None applied	8-21 days / Not incorporated	None applied	8-21 days / Not incorporated
Manure type	None spplied	Dairy - Lactating Cow	None spplied	Dairy - Lactating Cow
Fertilizer rate, lb P2O5/ac	2.5	0	0	0
Fertilizer method/timing	Incorp. / chisel (0.25)	-	-	-
Erosion rate(RUSLE, tons/ac)	0.5	0.6	1.1	0.8
Soil type or series (HydrGrp)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)	BuC - Buckland stony loam, 8 to 15 percent slopes (C)	BuB - Buckland stony loam, 3 to 8 percent slopes (C)
Surface cover %	> 20 %	> 20 %	> 20 %	> 20 %
Crop / Vegetation type	Alfalfa & other forages	Alfalfa & other forages	Pasture (50-75% cover, not heavily grazed)	Alfalfa & other forages
TOTAL distance to stream, feet	1000	500	1000	1500
Vegetated buffer width, feet	1000	500	1000	1500
Manure spreading setback, feet	0	0	0	0
Sediment trap structure or other erosion control	None	None	None	None

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**10 Acre [5871-9]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**9.7**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Forage Sorghum/Sudangrass (1.2)**
Current Year (RUSLE2)	**Forage Sorghum/Sudangrass (1.2)**	Next Year (RUSLE2)	**Forage Sorghum/Sudangrass (1.2)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	0	200	0	220
		Totals:	**200**	**0**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**34.2 N**	**-42 P**	**28 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Back Woods [5888-10]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**6.4**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.8)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.8)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.8)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3 T/ac	0	150	40	120
		Totals:	**150**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	11000				81.18	46.2	211.2
Total	**11000**				**81.18**	**46.2**	**211.2**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**68.82 N**	**-6.2 P**	**-91.2 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Behind Trailer/Middle [5871-7b]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**12.9**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	15	200	0	220
		Totals:	**200**	**0**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**34.2 N**	**-42 P**	**28 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Behind Trailer/Next to Road [5871-7a]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**6.3**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac		0	0	0
		Totals:	**0**	**0**	**0**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**0 N**	**0 P**	**0 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Brook Field [5889-3a]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**9.6**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Corn Silage (1.5)**
Current Year (RUSLE2)	**Corn Silage (1.5)**	Next Year (RUSLE2)	**Corn Silage (1.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Corn Silage	18 T/ac	N/A	0	0	0
		Totals:	**0**	**0**	**0**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	10000.0 gallons @ 23.3 lbs orgN/unit	11.65	-	-
	Totals:	**11.65**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**-11.65 N**	**0 P**	**0 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Deer Field [5889-8]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**3.3**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (0.7)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (0.7)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (0.7)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	0	200	40	180
		Totals:	**200**	**40**	**180**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**34.2 N**	**-2 P**	**-12 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Ditch Field [100-1]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**14.7**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.6)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.6)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.6)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3 T/ac	0	200	40	120
		Totals:	**200**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	6000.0 gallons @ 23.3 lbs orgN/unit	6.99	-	-
	Totals:	**6.99**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	12000				88.56	50.4	230.4
Total	**12000**				**88.56**	**50.4**	**230.4**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**12.45 N**	**-10.4 P**	**-110.4 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Dog Leg [5889-6, 5889-7]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**11.3**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Corn Silage (1.1)**
Current Year (RUSLE2)	**Corn Silage (1.1)**	Next Year (RUSLE2)	**Corn Silage (1.1)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac		80	20	0
		Totals:	**80**	**20**	**0**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	2000				14.76	8.4	38.4
Total	**2000**				**14.76**	**8.4**	**38.4**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**65.24 N**	**11.6 P**	**-38.4 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Fire House [5887-1]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**3.8**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Low**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.6)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.6)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.6)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac	0	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	10000.0 gallons @ 23.3 lbs orgN/unit	11.65	-	-
	Totals:	**11.65**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**96.35 N**	**40 P**	**220 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Hokansons North East [181-2a]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**5.7**	Phosphorous Index	**Medium**
Drainage Class	**Poorly Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.31)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.31)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.31)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3 T/ac		150	40	140
		Totals:	**150**	**40**	**140**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				65.8	42	192
Total	**10000**				**65.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	100	N46 P0 K0	46	0	0
		Total	**46**	**0**	**0**
		Balance:	**38.2 N**	**-2 P**	**-52 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Hokansons North West [181-1a]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**5.7**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.31)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.31)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.31)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3 T/ac		150	40	140
		Totals:	**150**	**40**	**140**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	100	N46 P0 K0	46	0	0
		Total	**46**	**0**	**0**
		Balance:	**30.2 N**	**-2 P**	**-52 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Hokansons South [181-1b, 181-2b]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**6.3**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, New (0.5)**
Current Year (RUSLE2)	**Grass/Legume, Hay, New (0.5)**	Next Year (RUSLE2)	**Grass/Legume, Hay, New (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Corn Silage	18 T/ac	N/A	0	0	0
		Totals:	**0**	**0**	**0**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**0 N**	**0 P**	**0 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Jacques 1/north south [5870-1]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**8**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.6)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.6)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.6)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	15	150	0	0
		Totals:	**150**	**0**	**0**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	250	N46 P0 K0	115	0	0
		Total	**115**	**0**	**0**
		Balance:	**35 N**	**0 P**	**0 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Jacques 2 [5870-2]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**13.8**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	15	150	40	120
		Totals:	**150**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	150	N46 P0 K0	69	0	0
		Total	**69**	**0**	**0**
		Balance:	**7.2 N**	**-2 P**	**-72 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Jacques 3 [5870-3]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**8.1**	Phosphorous Index	**High**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	0	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	11000				81.18	46.2	211.2
Total	**11000**				**81.18**	**46.2**	**211.2**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**26.82 N**	**-6.2 P**	**8.8 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Jacques 4/ Below House [5870-6]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**7**	Phosphorous Index	**High**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	0	150	40	120
		Totals:	**150**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	9000				66.42	37.8	172.8
Total	**9000**				**66.42**	**37.8**	**172.8**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	175	N46 P0 K0	80.5	0	0
		Total	**80.5**	**0**	**0**
		Balance:	**3.08 N**	**2.2 P**	**-52.8 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Jacques 5 [5870-9]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**10.2**	Phosphorous Index	**High**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac	15	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	9000				66.42	37.8	172.8
Total	**9000**				**66.42**	**37.8**	**172.8**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**41.58 N**	**2.2 P**	**47.2 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Langevin House [5889-11]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**6.5**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Corn Silage (1.2)**
Current Year (RUSLE2)	**Corn Silage (1.2)**	Next Year (RUSLE2)	**Corn Silage (1.2)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Corn Silage	18 T/ac	N/A	100	20	160
		Totals:	**100**	**20**	**160**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	8000				59.04	33.6	153.6
Total	**8000**				**59.04**	**33.6**	**153.6**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**40.96 N**	**-13.6 P**	**6.4 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Langevin North West [100-9]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**4.5**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass, Pasture (0.5)**
Current Year (RUSLE2)	**Grass, Pasture (0.5)**	Next Year (RUSLE2)	**Grass, Pasture (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	5 T/ac	15	200	40	120
		Totals:	**200**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	12000.0 gallons @ 23.3 lbs orgN/unit	13.98	-	-
	Totals:	**13.98**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**186.02 N**	**40 P**	**120 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Langevin South West [100-7]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**3.8**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Pasture	5 T/ac	0	200	40	120
		Totals:	**200**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	10000.0 gallons @ 23.3 lbs orgN/unit	11.65	-	-
	Totals:	**11.65**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**188.35 N**	**40 P**	**120 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Ledge Field [5887-2]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**2.5**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (1.0)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (1.0)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (1.0)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	15	100	40	140
		Totals:	**100**	**40**	**140**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	5000.0 gallons @ 23.3 lbs orgN/unit	5.83	-	-
	Totals:	**5.83**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**20.38 N**	**-2 P**	**-52 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Lower Bean [99-3]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**5.5**	Phosphorous Index	**Medium**
Drainage Class	**Somewhat Poorly Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3 T/ac	0	200	40	180
		Totals:	**200**	**40**	**180**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				65.8	42	192
Total	**10000**				**65.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**42.2 N**	**-2 P**	**-12 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Lower Brook Field [5889-3b]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**3.4**	Phosphorous Index	**Medium**
Drainage Class	**Poorly Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.31)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.31)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.31)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3 T/ac		150	40	140
		Totals:	**150**	**40**	**140**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				65.8	42	192
Total	**10000**				**65.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	100	N46 P0 K0	46	0	0
		Total	**46**	**0**	**0**
		Balance:	**38.2 N**	**-2 P**	**-52 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Middle Bean [99-4]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**10.7**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	5 T/ac	0	150	40	120
		Totals:	**150**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	150	N46 P0 K0	69	0	0
		Total	**69**	**0**	**0**
		Balance:	**7.2 N**	**-2 P**	**-72 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**North Bean East [99-2]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**2.1**	Phosphorous Index	**Medium**
Drainage Class	**Somewhat Poorly Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3 T/ac	0	200	40	180
		Totals:	**200**	**40**	**180**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				65.8	42	192
Total	**10000**				**65.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**42.2 N**	**-2 P**	**-12 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**North Bean West [99-1]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**6.3**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (0.8)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (0.8)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (0.8)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3 T/ac	0	200	40	180
		Totals:	**200**	**40**	**180**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**34.2 N**	**-2 P**	**-12 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**North Farmstead [65-13]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**7.6**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Alfalfa (0.7)**
Current Year (RUSLE2)	**Alfalfa (0.7)**	Next Year (RUSLE2)	**Alfalfa (0.7)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Alfalfa	5 T/ac	N/A	40	0	0
		Totals:	**40**	**0**	**0**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	7000.0 gallons @ 23.3 lbs orgN/unit	8.15	-	-
	Totals:	**8.15**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	3000				22.14	12.6	57.6
Total	**3000**				**22.14**	**12.6**	**57.6**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**9.7 N**	**-12.6 P**	**-57.6 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Orchard Middle [100-4]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**3.6**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, New (1.0)**
Current Year (RUSLE2)	**Grass/Legume, Hay, New (1.0)**	Next Year (RUSLE2)	**Grass/Legume, Hay, New (1.0)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac	15	200	40	180
		Totals:	**200**	**40**	**180**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	8000.0 gallons @ 23.3 lbs orgN/unit	9.32	-	-
	Totals:	**9.32**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**24.88 N**	**-2 P**	**-12 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Osha Across Road [662-1]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**9.5**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	0	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	12000				88.56	50.4	230.4
Total	**12000**				**88.56**	**50.4**	**230.4**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**19.44 N**	**-10.4 P**	**-10.4 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Osha Behind House [662-4]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**15.4**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.9)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.9)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.9)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	0	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	12000				88.56	50.4	230.4
Total	**12000**				**88.56**	**50.4**	**230.4**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**19.44 N**	**-10.4 P**	**-10.4 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Osha Behind House 2 [662-3]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**9.7**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.9)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.9)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.9)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	0	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	12000				88.56	50.4	230.4
Total	**12000**				**88.56**	**50.4**	**230.4**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**19.44 N**	**-10.4 P**	**-10.4 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Osha Long Pad [662-6]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**5.1**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.8)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.8)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.8)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac	0	150	40	140
		Totals:	**150**	**40**	**140**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Grass, High Yield	30	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	10000.0 gallons @ 23.3 lbs orgN/unit	11.65	-	-
	Totals:	**41.65**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**34.55 N**	**-2 P**	**-52 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Osha Square Pad [662-5]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**4.8**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.9)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.9)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.9)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac	0	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	12000				88.56	50.4	230.4
Total	**12000**				**88.56**	**50.4**	**230.4**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**19.44 N**	**-10.4 P**	**-10.4 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Parkers [4947-1]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**9.8**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (1.1)**
Current Year (RUSLE2)	**Grass, Hay, Established (1.1)**	Next Year (RUSLE2)	**Grass, Hay, Established (1.1)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4.5 T/ac	0	200	65	120
		Totals:	**200**	**65**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Grass, High Yield	30	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	8000.0 gallons @ 23.3 lbs orgN/unit	9.32	-	-
	Totals:	**39.32**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	12000				88.56	50.4	230.4
Total	**12000**				**88.56**	**50.4**	**230.4**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	150	N46 P0 K0	69	0	0
		Total	**69**	**0**	**0**
		Balance:	**3.12 N**	**14.6 P**	**-110.4 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Pumpkin Patch [100-2, 100-5]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**7.6**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	15	200	40	40
		Totals:	**200**	**40**	**40**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	12000.0 gallons @ 23.3 lbs orgN/unit	13.98	-	-
	Totals:	**13.98**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**20.22 N**	**-2 P**	**-152 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**RT 66 North East [5706-1b]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**8.6**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.31)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.31)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.31)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac	0	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	140	N46 P0 K0	64.4	0	0
		Total	**64.4**	**0**	**0**
		Balance:	**61.8 N**	**-2 P**	**28 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**RT 66 North West [5706-1a]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**7.2**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	2 T/ac	0	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**34.2 N**	**-2 P**	**28 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**RT 66 South [5895-2]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**7.1**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.8)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.8)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.8)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	0	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	12000				88.56	50.4	230.4
Total	**12000**				**88.56**	**50.4**	**230.4**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**19.44 N**	**-10.4 P**	**-10.4 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Richardson Hill SW [5326-2a]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**5.2**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	15	150	40	120
		Totals:	**150**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**76.2 N**	**-2 P**	**-72 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Richardson Middle NE [5326-4]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**6.9**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	15	150	40	120
		Totals:	**150**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**150 N**	**40 P**	**120 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Richardson N Mid W [5326-5]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**4.6**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Corn Silage (1.2)**
Current Year (RUSLE2)	**Corn Silage (1.2)**	Next Year (RUSLE2)	**Corn Silage (1.2)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	0	150	40	120
		Totals:	**150**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	150	N46 P0 K0	69	0	0
		Total	**69**	**0**	**0**
		Balance:	**7.2 N**	**-2 P**	**-72 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Richardson NW [5325-1, 5326-6]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**11.3**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Corn Silage (1.2)**
Current Year (RUSLE2)	**Corn Silage (1.2)**	Next Year (RUSLE2)	**Corn Silage (1.2)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Corn Silage	18 T/ac	N/A	120	40	160
		Totals:	**120**	**40**	**160**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				89.95	42	192
Total	**10000**				**89.95**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**30.05 N**	**-2 P**	**-32 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Richardson's Horse Pasture [5326-4b]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**4.3**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass, Hay, Established (4.1)**
Current Year (RUSLE2)	**Grass, Hay, Established (4.1)**	Next Year (RUSLE2)	**Grass, Hay, Established (4.1)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac		150	40	120
		Totals:	**150**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	140	N46 P0 K0	64.4	0	0
		Total	**64.4**	**0**	**0**
		Balance:	**11.8 N**	**-2 P**	**-72 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Richardsons Hole [5326-3a]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**10.1**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Alfalfa (0.6)**
Current Year (RUSLE2)	**Alfalfa (0.6)**	Next Year (RUSLE2)	**Alfalfa (0.6)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac	50	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	140	N46 P0 K0	64.4	0	0
		Total	**64.4**	**0**	**0**
		Balance:	**61.8 N**	**-2 P**	**28 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Richardsons Knob [5326-3b]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**5.3**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Low**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (0.8)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (0.8)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (0.8)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	15	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	12000				88.56	50.4	230.4
Total	**12000**				**88.56**	**50.4**	**230.4**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	200	N46 P0 K0	92	0	0
		Total	**92**	**0**	**0**
		Balance:	**19.44 N**	**-10.4 P**	**-10.4 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Richardsons Mid South [5326-2b]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**16**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**5.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.31)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.31)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.31)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac		150	60	180
		Totals:	**150**	**60**	**180**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	120	N46 P0 K0	55.2	0	0
		Total	**55.2**	**0**	**0**
		Balance:	**21 N**	**18 P**	**-12 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Roller Coaster [5871-8]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**17.1**	Phosphorous Index	**High**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	15	200	40	220
		Totals:	**200**	**40**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	10000				73.8	42	192
Total	**10000**				**73.8**	**42**	**192**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**126.2 N**	**-2 P**	**28 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Skeet Range [65-3]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**2.1**	Phosphorous Index	**Medium**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.7)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.7)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.7)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	0	200	40	210
		Totals:	**200**	**40**	**210**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other Legume 20-60%	30	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	8000.0 gallons @ 23.3 lbs orgN/unit	9.32	-	-
	Totals:	**39.32**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	9000				66.42	37.8	172.8
Total	**9000**				**66.42**	**37.8**	**172.8**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**94.26 N**	**2.2 P**	**37.2 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Ski Tow [65-5]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**5**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Pasture (1.1)**
Current Year (RUSLE2)	**Grass, Pasture (1.1)**	Next Year (RUSLE2)	**Grass, Pasture (1.1)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Pasture	2 T/ac	0	150	40	100
		Totals:	**150**	**40**	**100**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	11000.0 gallons @ 23.3 lbs orgN/unit	12.82	-	-
	Totals:	**12.82**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**137.19 N**	**40 P**	**100 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Soccer Field [100-10]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**3.9**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Corn Silage (1.5)**
Current Year (RUSLE2)	**Corn Silage (1.5)**	Next Year (RUSLE2)	**Corn Silage (1.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Corn Silage	18 T/ac	N/A	90	0	60
		Totals:	**90**	**0**	**60**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	9000.0 gallons @ 23.3 lbs orgN/unit	10.49	-	-
	Totals:	**10.49**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	5000				44.97	21	96
Total	**5000**				**44.97**	**21**	**96**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**34.54 N**	**-21 P**	**-36 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Sugarhouse [65-14]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**7.9**	Phosphorous Index	**Low**
Drainage Class	**Poorly Drained**	Nitrate Leaching	**Med**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3 T/ac		200	40	120
		Totals:	**200**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	8000.0 gallons @ 23.3 lbs orgN/unit	7.46	-	-
	Totals:	**7.46**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	8000				52.64	33.6	153.6
Total	**8000**				**52.64**	**33.6**	**153.6**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**139.9 N**	**6.4 P**	**-33.6 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Sunset North [65-6]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**3.1**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Pasture (0.31)**
Current Year (RUSLE2)	**Pasture (0.31)**	Next Year (RUSLE2)	**Pasture (0.31)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Pasture	3 T/ac		200	50	220
		Totals:	**200**	**50**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**200 N**	**50 P**	**220 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Sunset West [65-12]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**3.3**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Pasture (0.5)**
Current Year (RUSLE2)	**Grass, Pasture (0.5)**	Next Year (RUSLE2)	**Grass, Pasture (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Pasture	3 T/ac	0	200	50	220
		Totals:	**200**	**50**	**220**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Alfalfa 20-60%	40	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	11000.0 gallons @ 23.3 lbs orgN/unit	12.82	-	-
	Totals:	**52.82**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**147.19 N**	**50 P**	**220 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Triangle [65-9]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**3.8**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Pasture (0.2)**
Current Year (RUSLE2)	**Grass, Pasture (0.2)**	Next Year (RUSLE2)	**Grass, Pasture (0.2)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac		100	40	140
		Totals:	**100**	**40**	**140**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	9700.0 gallons @ 23.3 lbs orgN/unit	11.3	-	-
	Totals:	**11.3**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	8000				59.04	33.6	153.6
Total	**8000**				**59.04**	**33.6**	**153.6**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**29.66 N**	**6.4 P**	**-13.6 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Upper Bean [99-5]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**10.8**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Alfalfa (0.5)**
Current Year (RUSLE2)	**Alfalfa (0.5)**	Next Year (RUSLE2)	**Alfalfa (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	4 T/ac	100	40	0	140
		Totals:	**40**	**0**	**140**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	5000				36.9	21	96
Total	**5000**				**36.9**	**21**	**96**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**3.1 N**	**-21 P**	**44 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Veterans Cemetery [5889-4]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**3**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Hay, Established (1.5)**
Current Year (RUSLE2)	**Grass, Hay, Established (1.5)**	Next Year (RUSLE2)	**Grass, Hay, Established (1.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	1.5 T/ac	0	200	40	120
		Totals:	**200**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**200 N**	**40 P**	**120 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**West Farmstead [65-2]**	Nutrient Mgmt Basis	**Phosphorus**
Acres	**3.8**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Corn Silage (0.5)**
Current Year (RUSLE2)	**Corn Silage (0.5)**	Next Year (RUSLE2)	**Corn Silage (0.5)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac	50	0	0	0
		Totals:	**0**	**0**	**0**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Grass, Low Yield	20	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	8000.0 gallons @ 23.3 lbs orgN/unit	9.32	-	-
	Totals:	**29.32**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	50	N10 P5 K10	5	2.5	5
Urea	-	N46 P0 K0	-	-	-
		Total	**5**	**2.5**	**5**
		Balance:	**-34.32 N**	**-2.5 P**	**-5 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Wheatley's [5942-1]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**5.6**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**
Current Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**	Next Year (RUSLE2)	**Grass/Legume, Hay, Established (0.6)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3.5 T/ac	50	150	40	120
		Totals:	**150**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	8000				59.04	33.6	153.6
Total	**8000**				**59.04**	**33.6**	**153.6**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	190	N46 P0 K0	87.4	0	0
		Total	**87.4**	**0**	**0**
		Balance:	**3.56 N**	**6.4 P**	**-33.6 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Windmill [65-7, 65-8]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**6**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**3.0**	Last Year (RUSLE2)	**Grass, Pasture (1.1)**
Current Year (RUSLE2)	**Grass, Pasture (1.1)**	Next Year (RUSLE2)	**Grass, Pasture (1.1)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Pasture	3 T/ac	0	150	40	100
		Totals:	**150**	**40**	**100**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago	Other, No Credit	0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	10000.0 gallons @ 23.3 lbs orgN/unit	11.65	-	-
	Totals:	**11.65**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	0				0	0	0
Total	**0**				**0**	**0**	**0**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	-	N46 P0 K0	-	-	-
		Total	**0**	**0**	**0**
		Balance:	**138.35 N**	**40 P**	**100 K**

Field Plan Recommendation

Farm Name	**VTC**	Plan Date	**2015-05-25**	Crop Year	**2016**
Farm Manager	**Charlie Dana**	Planner	**Heather Darby**		

Field Name	**Woods [5889-9]**	Nutrient Mgmt Basis	**Nitrogen**
Acres	**5.5**	Phosphorous Index	**Low**
Drainage Class	**Moderately Well Drained**	Nitrate Leaching	**High**

RUSLE2 Tolerable Soil Loss	**2.0**	Last Year (RUSLE2)	**Grass, Hay, Established (0.8)**
Current Year (RUSLE2)	**Grass, Hay, Established (0.8)**	Next Year (RUSLE2)	**Grass, Hay, Established (0.8)**

Crops and Nutrient Recommendations (lbs/acre)

Crop	Yield Goal	Legume %	N	P	K
Hay	3 T/ac	0	150	40	120
		Totals:	**150**	**40**	**120**

Past Years' Nutrient Credits

Source	Details	N	P	K
Crop Past Year		0	-	-
Crop 2 Years Ago		0	-	-
Manure Past Year	None applied	0	-	-
Manure 2 Years Ago	None applied	0	-	-
	Totals:	**0**	**0**	**0**

Planned Credits From Manure

	Pond (gallons / acre)				N	P	K
Fall 2015	0				0	0	0
Spring	0				0	0	0
Summer	8000				59.04	33.6	153.6
Total	**8000**				**59.04**	**33.6**	**153.6**

Planned Credits From Fertilizer

Fertilizer	lbs/acre	Analysis	N	P	K
Starter	-	N10 P5 K10	-	-	-
Urea	190	N46 P0 K0	87.4	0	0
		Total	**87.4**	**0**	**0**
		Balance:	**3.56 N**	**6.4 P**	**-33.6 K**