

Worksheet 1. Calculate the Crop Nitrogen Application Recommendations							
A	B	C	D	E	F	G	H
Field Description	Crop Information			Crop Nitrogen (N) Applicator Calculations			Crop Nitrogen Application Recommend'n
(name or number)	Crop type to be fertilized	Crop dry yield (estimated) (tons/ac) ^a	Protein content of crop ^b (estimated) (%)	Crop Nitrogen (N) Uptake (col. C x D x 1.6 x 2) (lb N/ac)	Available soil nitrogen (nitrate plus ammonia) ^c (lab report) (lb N/ac)	Nitrogen fertility factor (Table 1) (lb N/ac)	(col. E - F - G) (lb N/ac)
101 Barns	Alf/Gra	7.0	21.0	470	67	90.0	313
102 Sorenson	Alf/Gra	5.0	20.0	320	112	90.0	118
103A Hullcar	Alf/Gra	7.0	20.0	448	53	90.0	305
103B Dougs	Alf/Gra	7.0	20.0	448	64	90.0	294
103C Island	Grass	5.0	18.0	288	130	90.0	68
104 Harolds	corn sil	8.0	8.0	205	109	80.0	16
105 Dixon Back	corn sil	8.0	8.0	205	39	90.0	76
106 Dixon Front	corn sil	7.5	8.0	192	67	45.0	80
109 Sylvia	corn sil	7.5	8.0	192	126	55.0	11
201 Skelton	Alf/Gra	7.0	20.0	448	57	45.0	346
202 Reimer	corn sil	8.0	8.0	205	92	45.0	68
205 Jessie	Alf/Gra	7.5	19.0	456	86	45.0	325
400 Lavington	corn sil	7.5	8.0	192	42	0.0	150

Worksheet 2. Calculate the Crop Phosphorus Application Recommendation

A	B	C	D	E	F	G	H	I
Field Description	Crop Information		Crop Phosphorus (P) Applicator Calculations					Crop Phosphorus Application Recommendation
(Worksheet 1, col. A)	Crop type to be fertilized	Crop dry yield	Crop phosphorus factor	Crop Phosphorus Uptake	Soil test phosphorus value (Kelowna method) ^a	Soil phosphorus status	Soil phosphorus level factor	(SEE NOTE BELOW)
(name or number)		(estimated)	(Table 2)	(col. C x D)	0-15 cm depth	(Table 3, col. 2)	(Table 3, col. 5)	
		(tons/ac)	(lb P/ton)	(lb P/ac)	(ppm)			
101 Barns	Alf/Gra	7	7.4	52	97	High	0.2	24
102 Sorenson	Alf/Gra	5	7.4	37	57	Optimum	0.5	43
103A Hullcar	Alf/Gra	7	7.4	52	74	Optimum	0.5	60
103B Dougs	Alf/Gra	7	7.4	52	97	High	0.2	24
103C Island	Grass	5	4.0	20	44	Optimum	0.5	23
104 Harolds	corn sil	8	4.0	32	64	Optimum	0.5	37
105 Dixon Back	corn sil	8	4.0	32	41	Optimum	0.5	37
106 Dixon Front	corn sil	7.5	4.0	30	69	Optimum	0.5	35
109 Sylvia	corn sil	7.5	4.0	30	119	Excess	0	0
201 Skelton	Alf/Gra	7	7.4	52	64	Optimum	0.5	60
202 Reimer	corn sil	8	7.4	59	57	Optimum	0.5	68
		0		0				0
		0		0				0
205 Jessie	Alf/Gra	7.5	6.0	45	73	Optimum	0.5	52
		0		0				0
400 Lavington	corn sil	7.5	5.0	38	75	Optimum	0.5	43

Worksheet 2. Calculate the Crop Phosphorus Application Recommendation								
A	B	C	D	E	F	G	H	I
Field Description	Crop Information		Crop Phosphorus (P) Applicator Calculations					Crop Phosphorus Application Recommendation
(Worksheet 1, col. A)	Crop type to be fertilized	Crop dry yield	Crop phosphorus factor	Crop Phosphorus Uptake	Soil test phosphorus value (Kelowna method) ^a	Soil phosphorus status	Soil phosphorus level factor	(SEE NOTE BELOW)
(name or number)		(estimated)	(Table 2)	(col. C x D)	0-15 cm depth	(Table 3, col. 2)	(Table 3, col. 5)	
		(tons/ac)	(lb P/ton)	(lb P/ac)	(ppm)			
101 Barns	Alf/Gra	7	7.4	52	97	High	0.2	24
102 Sorenson	Alf/Gra	5	7.4	37	57	Optimum	0.5	43
103A Hullcar	Alf/Gra	7	7.4	52	74	Optimum	0.5	60
103B Dougs	Alf/Gra	7	7.4	52	97	High	0.2	24
103C Island	Grass	5	4.0	20	44	Optimum	0.5	23
104 Harolds	corn sil	8	4.0	32	64	Optimum	0.5	37
105 Dixon Back	corn sil	8	4.0	32	41	Optimum	0.5	37
106 Dixon Front	corn sil	7.5	4.0	30	69	Optimum	0.5	35
109 Sylvia	corn sil	7.5	4.0	30	119	Excess	0	0
201 Skelton	Alf/Gra	7	7.4	52	64	Optimum	0.5	60
202 Reimer	corn sil	8	7.4	59	57	Optimum	0.5	68
		0		0				0
		0		0				0
205 Jessie	Alf/Gra	7.5	6.0	45	73	Optimum	0.5	52
		0		0				0
400 Lavington	corn sil	7.5	5.0	38	75	Optimum	0.5	43

Worksheet 6. Estimate the Crop Removal Balance for Phosphorus and Potassium

A	B	C	D	E	F	G	H	I	J	K	L
Field Description	Field Size	Manure Source and Application Method	Manure Application Rate	Total Available Nutrients Applied in Manure Sources		Total Available Nutrients Applied in Fertilizer		Expected Crop Removal		Crop Removal Balance (crop removal - total available nutrients)	
(Worksheet 1, col. A) (name or number)	(ac)	(Worksheet 5, col. D)	(Worksheet 5, col. E)	P ₂ O ₅ Col. D x (Worksheet 4, col. L)	K ₂ O Col. D x (Worksheet 4, col. N)	P ₂ O ₅ (Worksheet 5, col. J)	K ₂ O (Worksheet 5, col. K)	P ₂ O ₅ (Worksheet 2, col. E) x 2.3	K ₂ O (Worksheet 3, col. E) x 1.2	P ₂ O ₅ (col. I - E - G)	K ₂ O (col. J - F - H)
			(tons/ac)	(lb P ₂ O ₅ /ac)	(lb K ₂ O/ac)	(lb P ₂ O ₅ /ac)	(lb K ₂ O/ac)	(lb P ₂ O ₅ /ac)	(lb K ₂ O/ac)	(lb P ₂ O ₅ /ac)	(lb K ₂ O/ac)
101 Barns	46.8	Flush Lagoon (0.6% D.M.)	120	47	191						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		47	191	0	0	119	336	72	145
102 Sorenson	100.6	Flush Lagoon (0.6% D.M.)	50	20	80						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		20	80	0	0	85	240	66	160
103A Hullcar	101.6	Flush Lagoon (0.6% D.M.)	150	59	239						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		59	239	0	0	119	336	60	97
103B Dougs	96	Flush Lagoon (0.6% D.M.)	150	59	239						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		59	239	0	0	119	336	60	97
103C Island	12.4	Flush Lagoon (0.6% D.M.)	92	36	146						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		36	146	0	0	46	120	10	-26
104 Haroldts	110.3	Flush Lagoon (0.6% D.M.)	30	12	48						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		12	48	0	0	74	192	62	144
105 Dixon Back	101	Flush Lagoon (0.6% D.M.)	75	29	119						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		29	119	0	0	74	192	44	73
106 Dixon Front	15	Flush Lagoon (0.6% D.M.)	75	29	119						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		29	119	0	0	69	180	40	61
109 Sylvia	73.5	Flush Lagoon (0.6% D.M.)	25	10	40						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		10	40	0	0	69	180	59	140
201 Skelton	72	Flush Lagoon (0.6% D.M.)	150	59	239						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		59	239	0	0	119	336	60	97
202 Reimer	36.6	Flush Lagoon (0.6% D.M.)	90	35	143						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		0	0	0	0	136	384	136	384
	0	Flush Lagoon (0.6% D.M.)	0	0	0						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		0	0	0	0	0	0	0	0
	0	Flush Lagoon (0.6% D.M.)	0	0	0						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		0	0	0	0	0	0	0	0
205 Jessie	30	Flush Lagoon (0.6% D.M.)	150	59	239						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		59	239	0	0	104	360	45	121
	0	Flush Lagoon (0.6% D.M.)	0	0	0						
		Dairy Solids (18% D.M.)	0	0	0						
		all manures		0	0	0	0	0	0	0	0
400 Lavington	308	Flush Lagoon (0.6% D.M.)	0	0	0						
		Dairy Solids (18% D.M.)	10	33	13						
		all manures		33	13	0	0	86	180	53	167

Worksheet 7.1. Annual Manure Production for Dairy Cattle

Manure and Waste Generation										
Type of Milk Cow		Holstein		Number of Cows Milking		960		Days Grazing		
				Average milk production per milked cow (lb/day)		72.3		(if unknown, use the default value provided)		
Type of Animal	Typical Number	Your Number	Slurry	Primary Manure Type	Using Solid/Liq. Separation	% Slurry Separated to Solid fraction	Total Manure Generation			
							Slurry (ft ³ /day)	Solid (ft ³ /day)		
Milk Cow	960	960	<input checked="" type="checkbox"/>	Slurry	<input checked="" type="checkbox"/>	6	2,390	263		
Dry Cow	192	120	<input checked="" type="checkbox"/>	Slurry	<input checked="" type="checkbox"/>	6	279	31		
Heifers (16 to 26 months)	317	0	<input checked="" type="checkbox"/>	Slurry	<input checked="" type="checkbox"/>	10	0	0		
Heifers (7 to 15 months)	269	0	<input checked="" type="checkbox"/>	Slurry	<input checked="" type="checkbox"/>	15	0	0		
Calves (4 to 6 months)	96	0	<input checked="" type="checkbox"/>	Slurry	<input checked="" type="checkbox"/>	20	0	0		
Calves (0 to 3 months)	96	100	<input checked="" type="checkbox"/>	Slurry	<input checked="" type="checkbox"/>	20	20	9		
Total	1,930	1,180				Total Daily Manure Production	2,689	302		
Milk House Effluent (typically 0.75 to 1.5 ft ³ /day/milk cow):				4		ft ³ /day/milk cow		3,840	(ft ³ /day)	
1000 L = 35.3 ft ³				PLUS Other Liquid Wastes (silage effluent, etc.):		100		(ft ³ /day)		
				PLUS Other Solid Wastes (spoiled feed, etc.):				100 (ft ³ /day)		
Assumed bulk density of solids:				580		(kg/m ³)		6629	402 (ft ³ /day)	
OR				0.488		(tons/yd ³)		Manure and Waste Production	89610	5438 (yd ³ /year)
								75522	2654 (tons/year)	
Rainwater Collection										
This applies only to rainwater that enters liquid manure handling systems.										
Size of Yard Areas That Runoff Needs to be Collected From				696000		(ft ²)				
Size of Roof Area That Discharge to Yard Areas Listed Above or That Discharge Directly Into the Manure Storage				323000		(ft ²)				
Unroofed Surface Area of Manure Storage Facilities				257500		(ft ²)				
Floating crust on manure surface				<input type="checkbox"/>		No				
Weather Data Site to be used				Vernon						
								28975.5	(yd ³ /year)	
								Total Rainwater Collection	24419.9	(tons/year)
								How is this calculated?		
Total Weight of Manure										
								Total Weight of Manure Produced	99941.6	(tons/year)
								Slurry	2654 (tons/year)	

Worksheet 8. Convert Manure Application Rate (tons/ac) to Solid or Liquid Application Rates and Spreader Loads per Area

A	B	C	D		E	F	G	H	I
Field Description	Manure Application Rate	Manure Source and Application Method	Spreader Volume ^a		Solid Manure			Liquid Manure	
(name or number)	(Worksheet 5, col. E) (tons/ac)	(Worksheet 5, col. D)	(enter a number)	Choose a unit from the drop-down list: - imperial gallons for liquid manure - cubic yards for solid manure	Density of solid manure (Table 9) (tons/yard ³)	Solid manure application rate (col. B / E) (yard ³ /ac)	Spreader loads/hectare (col. F / D) (loads/ac)	Liquid manure application rate (col. B) ^b (imp. gallons/ac)	Spreader loads/hectare (col. H / D) (tankers/ac)
101 Barns	120.0	Flush Lagoon (0.6% D.M.)	700	imp. gallons		0.0	0.0	23946	34.2
	0.0	Dairy Solids (18% D.M.)	0	cubic yards		0.0	0.0	0	0.0
102 Sorenson	50.0	Flush Lagoon (0.6% D.M.)	700	imp. gallons		0.0	0.0	9978	14.3
	0.0	Dairy Solids (18% D.M.)	0	cubic yards		0.0	0.0	0	0.0
103A Hullcar	150.0	Flush Lagoon (0.6% D.M.)	700	imp. gallons		0.0	0.0	29933	42.8
	0.0	Dairy Solids (18% D.M.)		cubic yards		0.0	0.0	0	0.0
103B Dougs	150.0	Flush Lagoon (0.6% D.M.)	700	imp. gallons		0.0	0.0	29933	42.8
	0.0	Dairy Solids (18% D.M.)		cubic yards		0.0	0.0	0	0.0
103C Island	92.0	Flush Lagoon (0.6% D.M.)	700	imp. gallons		0.0	0.0	18359	26.2
	0.0	Dairy Solids (18% D.M.)		cubic yards		0.0	0.0	0	0.0
104 Harolds	30.0	Flush Lagoon (0.6% D.M.)	700	imp. gallons		0.0	0.0	5987	8.6
	0.0	Dairy Solids (18% D.M.)		cubic yards		0.0	0.0	0	0.0
105 Dixon Back	75.0	Flush Lagoon (0.6% D.M.)		imp. gallons		0.0	0.0	14966	0.0
	0.0	Dairy Solids (18% D.M.)		cubic yards		0.0	0.0	0	0.0
106 Dixon Front	75.0	Flush Lagoon (0.6% D.M.)	6000	imp. gallons		0.0	0.0	14966	2.5
	0.0	Dairy Solids (18% D.M.)		cubic yards	0.58	0.0	0.0	0	0.0
109 Sylvia	25.0	Flush Lagoon (0.6% D.M.)	700	imp. gallons		0.0	0.0	4989	7.1
	0.0	Dairy Solids (18% D.M.)		cubic yards		0.0	0.0	0	0.0
201 Skelton	150.0	Flush Lagoon (0.6% D.M.)	700	imp. gallons		0.0	0.0	29933	42.8
	0.0	Dairy Solids (18% D.M.)		cubic yards	0.58	0.0	0.0	0	0.0
202 Reimer	90.0	Flush Lagoon (0.6% D.M.)	700	imp. gallons		0.0	0.0	17960	25.7
	0.0	Dairy Solids (18% D.M.)		cubic yards		0.0	0.0	0	0.0
0	0.0	Flush Lagoon (0.6% D.M.)		imp. gallons		0.0	0.0	0	0.0
	0.0	Dairy Solids (18% D.M.)		cubic yards		0.0	0.0	0	0.0
0	0.0	Flush Lagoon (0.6% D.M.)		imp. gallons		0.0	0.0	0	0.0
	0.0	Dairy Solids (18% D.M.)	15	cubic yards	0.58	0.0	0.0	0	0.0
205 Jessie	150.0	Flush Lagoon (0.6% D.M.)	6000	imp. gallons		0.0	0.0	29933	5.0
	0.0	Dairy Solids (18% D.M.)		cubic yards	0.58	0.0	0.0	0	0.0
0	0.0	Flush Lagoon (0.6% D.M.)		imp. gallons		0.0	0.0	0	0.0
	0.0	Dairy Solids (18% D.M.)	15	cubic yards	0.59	0.0	0.0	0	0.0
400 Lavington	0.0	Flush Lagoon (0.6% D.M.)		imp. gallons		0.0	0.0	0	0.0
	10.0	Dairy Solids (18% D.M.)	15	cubic yards	0.59	16.9	1.1	0	0.0

Worksheet 9a. Timing and Amount of Each Field Application of Liquid Manure

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Field Description (name or number)	Crop Type	Manure Source (Worksheet 8, col. C)	Annual Application Rate (Worksheet 8, col. H) (imp. gallons/ac)	Annual Spreader Loads per Hectare (Worksheet 8, col. I) (tankers/ac)	Planned Manure Applications (Scroll down to see options for Fourth, Fifth and Sixth applications)								
					First			Second			Third		
					Percent (Table 10) %	Amount (D x E) (tankers/ac)	Proposed Spreading Date	Percent (Table 10) %	Amount (D x H) (tankers/ac)	Proposed Spreading Date	Percent (Table 10) %	Amount (D x K) (tankers/ac)	Proposed Spreading Date
101 Barns	Alf/Gra	Flush Lagoon (0.6% D.M.)	23946	34.2	50%	17.1	15-Jun	50%	17.1	25-Jul		0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
102 Sorenson	Alf/Gra	Flush Lagoon (0.6% D.M.)	9978	14.3	100%	14.3	15-Apr		0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
103A Hullcar	Alf/Gra	Flush Lagoon (0.6% D.M.)	29933	42.8	50%	21.4	15-Jun	50%	21.4	25-Jul		0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
103B Dougs	Alf/Gra	Flush Lagoon (0.6% D.M.)	29933	42.8	50%	21.4	15-Jun	50%	21.4	25-Jul		0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
103C Island	Grass	Flush Lagoon (0.6% D.M.)	18359	26.2	100%	26.2	10-Apr		0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
104 Haroldts	corn sil	Flush Lagoon (0.6% D.M.)	5987	8.6	100%	8.6	15-Apr		0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
105 Dixon Back	corn sil	Flush Lagoon (0.6% D.M.)	14966	0.0	100%	0.0	10-Apr		0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
106 Dixon Front	corn sil	Flush Lagoon (0.6% D.M.)	14966	2.5	100%	2.5	10-Apr		0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
109 Sylvia	corn sil	Flush Lagoon (0.6% D.M.)	4989	7.1	100%	7.1	12-Apr		0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
201 Skelton	Alf/Gra	Flush Lagoon (0.6% D.M.)	29933	42.8	50%	21.4	12-Jun	50%	21.4	30-Aug		0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
202 Reimer	corn sil	Flush Lagoon (0.6% D.M.)	17960	25.7	100%	25.7	14-Apr		0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
0	0	Flush Lagoon (0.6% D.M.)	0	0.0		0.0			0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
0	0	Flush Lagoon (0.6% D.M.)	0	0.0		0.0			0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
205 Jessie	Alf/Gra	Flush Lagoon (0.6% D.M.)	29933	5.0	50%	2.5	16-Jun	50%	2.5	02-Sep		0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
0	0	Flush Lagoon (0.6% D.M.)	0	0.0		0.0			0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	
400 Lavington	corn sil	Flush Lagoon (0.6% D.M.)	0	0.0		0.0			0.0			0.0	
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0	

A Field Description (name or number)	B Crop Type	C Manure Source (Worksheet 8, col. C)	D Annual Application Rate (Worksheet 8, col. H) (imp. gallons/ac)	E Annual Spreader Loads per Hectare (Worksheet 8, col. I) (tankers/ac)	Planned Manure Applications									Sum of applications
					Fourth			Fifth			Sixth			
					Percent (Table 10) %	Amount (D x N) (tankers/ac)	Proposed Spreading Date	Percent (Table 10) %	Amount (D x Q) (tankers/ac)	Proposed Spreading Date	Percent (Table 10) %	Amount (D x T) (tankers/ac)	Proposed Spreading Date	
101 Barns	Alf/Gra	Flush Lagoon (0.6% D.M.)	23946	34.2		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
102 Sorenson	Alf/Gra	Flush Lagoon (0.6% D.M.)	9978	14.3		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
103A Hullcar	Alf/Gra	Flush Lagoon (0.6% D.M.)	29933	42.8		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
103B Dougs	Alf/Gra	Flush Lagoon (0.6% D.M.)	29933	42.8		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
103C Island	Grass	Flush Lagoon (0.6% D.M.)	18359	26.2		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
104 Harolds	corn sil	Flush Lagoon (0.6% D.M.)	5987	8.6		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
105 Dixon Back	corn sil	Flush Lagoon (0.6% D.M.)	14966	0.0		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
106 Dixon Front	corn sil	Flush Lagoon (0.6% D.M.)	14966	2.5		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
109 Sylvia	corn sil	Flush Lagoon (0.6% D.M.)	4989	7.1		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
201 Skelton	Alf/Gra	Flush Lagoon (0.6% D.M.)	29933	42.8		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
202 Reimer	corn sil	Flush Lagoon (0.6% D.M.)	17960	25.7		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
0	0	Flush Lagoon (0.6% D.M.)	0	0.0		0.0			0.0			0.0		0%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
0	0	Flush Lagoon (0.6% D.M.)	0	0.0		0.0			0.0			0.0		0%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
205 Jessie	Alf/Gra	Flush Lagoon (0.6% D.M.)	29933	5.0		0.0			0.0			0.0		100%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
0	0	Flush Lagoon (0.6% D.M.)	0	0.0		0.0			0.0			0.0		0%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%
16	corn sil	Flush Lagoon (0.6% D.M.)	0	0.0		0.0			0.0			0.0		0%
		Dairy Solids (18% D.M.)	0	0.0		0.0			0.0			0.0		0%

Worksheet 9b. Timing and Amount of Each Field Application of Solid Manure

A	B	C	D	E	F	G	H	I	J	K	L	M
Field Description (name or number)	Crop Type	Manure Source (Worksheet 8, col. C)	Annual Application Rate (Worksheet 8, col. F) (yd ³ /ac)	Annual Spreader Loads per Hectare (Worksheet 8, col. G) (loads/ac)	Planned Manure Applications (Scroll down to see options for Fourth, Fifth and Sixth applications)							
					First			Second			Third	
					Percent (Table 10) %	Amount (D x E) (loads/ac)	Proposed Spreading Date	Percent (Table 10) %	Amount (D x H) (loads/ac)	Proposed Spreading Date	Percent (Table 10) %	Amount (D x K) (loads/ac)
101 Barns	Alf/Gra	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0		0.0						0.0
102 Sorenson	Alf/Gra	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0		0.0						0.0
103A Hullcar	Alf/Gra	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0		0.0						0.0
103B Dougs	Alf/Gra	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0		0.0						0.0
103C Island	Grass	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0		0.0						0.0
104 Harolds	corn sil	Flush Lagoon (0.6% D.M.)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0								
105 Dixon Back	corn sil	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0								0.0
106 Dixon Front	corn sil	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0								0.0
109 Sylvia	corn sil	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0								0.0
201 Skelton	Alf/Gra	Flush Lagoon (0.6% D.M.)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0								0.0
202 Reimer	corn sil	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0								0.0
0	0	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0								0.0
0	0	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0								0.0
205 Jessie	Alf/Gra	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0								0.0
0	0	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	0	0.0								0.0
400 Lavington	corn sil	Flush Lagoon (0.6%)	0	0.0		0.0						
		Dairy Solids (18% D.M.)	17	1.1	100%			01-Apr				0.0

