

Manure Application Field Characteristics Table: David and Mandy Gall

Field	Legal Description	Rural Municipality	O/C/F/A	Total Acreage	Setbacks inc. features	Net Acreage for Manure Appl.	Ag. Capability	Phos Level	Dev. Plan Des.	Zoning
1	SE 31-26-8w	Grahamdale	Owned	89		89	4dp, 6w, 05wd	27	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
2	NE 32-26-8w West	Grahamdale	Owned	24		24	6w, 05wd, 4dp	35	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
3	NE 32-26-8w	Grahamdale	Owned	24		24	4dp,6w,05wd	13	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
4	NW 33-26-8w	Grahamdale	Owned	87		87	4dp, 05wd,6w,2w	35	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
5	NW 33-26-8w	Grahamdale	Owned	26		26	05wd	9	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
6	NW 34-26-8w	Grahamdale	Owned	149		149	4dp, 2w, 6w, 05wd	19	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
7	SW 15-27-8w E	Grahamdale	Owned	82		82	4dp, 6w, 2w, 05wd	14	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
8	SW15-27-8w W	Grahamdale	Owned	64	surface watercourse	62	4dp, 6w, 2w, 05wd	11	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
9	SW 24-27-9w	Grahamdale	Agreement	107	surface watercourse	100	4dp, 6w	12	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
10	NE 36-26-9w	Grahamdale	Agreement	44	creek	43	4dp, 6w	22	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
11	SE 36-26-9w	Grahamdale	Agreement	53	creek	52	05wd,4dp,6w	7	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
12	NE 33-26-8w	Grahamdale	Owned	76	Removed 20 acres for pens	56	4dp, 6w, 05wd	5	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
13	SW14-27-8w	Grahamdale	Agreement	80		80	4dp, 6w	14	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
14	SE19-27-8w	Grahamdale	Agreement	117		117	4dp, 6w, 05w	23	Bylaw 936/2005 Agriculture Rural Area	Bylaw 937/2005 "AG" Agricultural General
				<b>Total</b>	<b>1022</b>	<b>Total</b>	<b>991</b>			

Note: Class 6w and 05wd Ag. Capabilities have been identified at a reconnaissance soil mapping level. Obviously land of such poor capability is extremely poor for hay or greenfeed production and will be avoided from mechanical spreading purposes. In mapping the boundary polygons attention was given to try to only map areas of good production. (which should be of better ag. Capability)

Crop	Acres	Yield	Source
Pasture	62	0.5	See Worksheet
Oats	80	78.8	MASC (Variety Yield Data Browser)
<b>Note: Alfalfa and Grass below were present in the same fields in a mixture so I calculated certain populations to fit the landbase calculator model.</b>			
Alfalfa <4 yrs	191	2.878	MASC (Agriinsurance Forage Info Tables 2018 FR: 6)
Alfalfa >4 yrs	191	2.138	MASC (Agriinsurance Forage Info Tables 2018 FR: 6)
<b>Alfalfa Total</b>	<b>382</b>	<b>2.508</b>	<b>Calculated Average Alfalfa Yield</b>
Greenfeed	200	1.478	MASC (Agriinsurance Forage Info Tables 2018 average from these 2 categories FR: 6) Used: Grass 50%>4 yrs and 50% <4yrs
Course Hay	89	0.975	MASC (Agriinsurance Forage Info Tables 2018 FR: 6)
Grass <4 yrs	89	1.606	MASC (Agriinsurance Forage Info Tables 2018 FR: 6)
Grass >4 yrs	89	1.322	MASC (Agriinsurance Forage Info Tables 2018 FR: 6)
<b>Grass Total</b>	<b>467</b>	<b>1.376803</b>	<b>Calculated Average Grasses Yield</b>
<b>Total</b>	<b>991</b>		