MANURE APPLICATION FIELD CHARACTERISTICS TABLE

	A	B	C	D	E	F	G	H	I	J
Field	Legal Description	Rural Municipality	O/C/L/A	Total Acreage	Setbacks, including features	Net Acreage for Manure Application	Agriculture Capability Class and Subclass	Soil Phosphorus (ppm Olsen P) 0-6 inches	Development Plan Designation	Zoning
1	NE 20-7-6e (W)	Hanover	O	74	Accounted for	74	2w 2w	42	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
2	NW 20-7-6e	Hanover	O	78	Accounted for	78	2w 2w	25	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
3	SE 30-7-6e (E)	Hanover	O	80	Accounted for	80	2w 2w, 2td, 3nw	42	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
4	NWNE 9-7-6e	Hanover	O	229	Accounted for	229	2w 2w, 3w	24	2417-18 Agriculture 2 Policy Area	2171 Rural Zone
5	SW 26-7-4e	Hanover	O	151	Accounted for	151	2w, 2w 2w	20	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
6	SW 20-7-6e	Hanover	O	127	Accounted for	127	2w 2w	39	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
7	NE 30-7-5e	Hanover	O	123	Accounted for	123	2w, 3nw	8	2417-18 Agriculture 2 Policy Area	2171 Rural Zone
8	SW 28-7-6e	Hanover	O	120	Accounted for	120	3d 2w, 2w 2w	26	2417-18 Agriculture 2 Policy Area	2171 Rural Zone
9	SE 19-7-6e (E)	Hanover	O	73	Accounted for	73	2w 2w	42	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
10	NW 12-7-5e (W)	Hanover	O	54	Accounted for	54	3w 2w, 2w 2w	20	2417-18 Agriculture 2 Policy Area	2171 Rural Zone
11	SW 9-7-6e (W)	City of Steinbach	O	76	Accounted for	76	3w 2w, 2w 2w, 3w	10	Development Reserve II Policy Area	Official Community Plan OCP BY-law 2099
12	SW 25-7-5e	Hanover	O	134	Accounted for	134	3n 3nw, 2w, 3w 2w	25	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
13	NW 25-7-5e (W)	Hanover	L	88	Accounted for	88	3n 3nw	7	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
14	SW 30-7-6e (S)	Hanover	O	60	Accounted for	60	3n3nw, 2w, 2w 2w	17	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
15	NE 19-7-6e (E)	Hanover	O	80	Accounted for	80	2w 2w	55	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
16	NWNE 19-7-6e (mid)	Hanover	A	89	Accounted for	89	2w 2w	52	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
17	SE 30-7-6e (W)	Hanover	A	27	Accounted for	27	2w 2w, 2td	17	2417-18 Agriculture 1 Policy Area	2171 Agriculture Zone
18	SE 2-9-6e	Tache	A	99	Accounted for	99	2w	17	5-2016 Agriculture	10-2017 Agriculture General Zone
19	NE 2-9-6e	Tache	A	153	Accounted for	153	2w, 3w	17	5-2016 Agriculture	10-2017 Agriculture General Zone
20										

Total Net Acreage for Manure Application: 1915

Please compare legal descriptions with legal on map as no fields have been mentioned twice.

A. _____ Enter the legal description for each parcel of land that will receive manure: Sec, Twp, Rge or River Lot (including parish).
B. _____ Identify the Rural Municipality in which the parcel is located.
C. _____ Indicate how the land has been secured for manure application: O – Own / C-Crown / L – Lease / A – Agreement. Multiple designations may be used as appropriate (ex. C/A for Crown lands that are under a spread agreement with the producer that holds the agricultural Crown land lease).
D. _____ Enter the total acreage for the parcel.
E. _____ Enter setbacks from surface water or groundwater features that reduce the land available for manure application; include identification of type of feature (ex. 8m, Order 3 drain).
F. _____ Enter the net acreage available for manure application for the parcel after taking into account setbacks and excluding Class 6, 7 and unimproved organic soils.
G. _____ Enter the agriculture capability class and subclass ratings for the acreage available for manure application.
H. _____ Provide soil test results for phosphorus in ppm Olsen P for soil samples taken at the 0-6 inch depth. Soil test results must be no more than 12 months old and must be completed by an accredited soil-testing laboratory.
I. _____ Indicate the Development Plan and its by-law number in addition to the map designation for each field (ex. By-law #1/2008: AG).
J. _____ Indicate the Zoning By-law and its by-law number in addition to the zoning for each field (ex. By-law 12/2009: AG 80).

CROP ROTATION TABLE

A	B	C	D	E
Expected Crops in the Rotation	**Acreage**	**Historical Yield**	**Units**	**Source of Yield Information**
Argentine Canola	415	42.9	bu/acre	MASC Fertilizer Data Browser
Red Spring Wheat	415	60.4	bu/acre	MASC Fertilizer Data Browser
Soybeans	531	38.5	bu/acre	MASC Fertilizer Data Browser
Corn Silage	300	5.175	dry ton/acre	MASC Fertilizer Data Browser
Oats	128	124.4	bu/acre	MASC Fertilizer Data Browser
Grain Corn	126	131.2	bu/acre	MASC Fertilizer Data Browser
Total Net Acreage for Manure Application	1915			

A. List all of the crop(s) to be grown in the rotation on the acreage that will receive manure.
B. Indicate the average acreage for each crop over the rotation. For example, if there are 720 suitable acres available for manure and approximately 40 these acres will be used to grow canola, enter 288. The total of column B should add up to Total Net Acreage for Manure Application provided in the Manure Application Field Characteristic Table.
C. Enter the historical yield average for each crop. Long-term yield averages can be determined using MASC data (http://www.masc.mb.ca/masc.nsf/index.html?OpenPage) or on-farm yield records. If on-farm yield records are used, please provide copies.
D. Enter the units for the yields provided (e.g. bu/acre, tons/acre).
E. Enter the source of the historical yield average provided.