

**Planned Applications**  
**Pinnacle Genetics**  
**CROP YEAR 2011**

<b><u>Field</u></b>	<b><u>Planned Acres</u></b>	<b><u>Crop</u></b>	<b><u>Planned Manure Source</u></b>	<b><u>Actual Manure Source</u></b>	<b><u>Planned Manure (1000 Gal/Acre)</u></b>	<b><u>Actual Manure (1000 Gal/Acre)</u></b>	<b><u>Planned Total Manure (Gallons)</u></b>	<b><u>Actual Total Manure (Gallons)</u></b>
Field 1	6.3	Beans	B/G Pit		2.3		14,679	
Field 2 - Big N of Rich's	31.1	Corn	B/G Pit		7.6		235,849	
Field 3	14.1	Wheat	B/G Pit		2.8		39,268	
Field 4, 5, & 7 - N Rich's	39.3	Corn	B/G Pit		7.6		298,014	
Field 8 & 9 - S Rich's	10.7	Beans	B/G Pit		3.0		32,198	
Field 10 & 11 - N Barns	43.6	Beans	B/G Pit		3.0		131,814	
Field 12	4.8	Beans	B/G Pit		3.0		14,391	
Field 13 - L-shaped	9.1	Corn	B/G Pit		7.3		66,169	
Field 14 & 15 - 3 piece & S	26.0	Corn	B/G Pit		7.3		189,307	
Field 16	9.2	Corn	B/G Pit		7.6		69,898	
Field 17 & 19	19.7	Corn	B/G Pit		7.6		149,121	
Far North West & East	89.6	Corn	B/G Pit		7.6		678,965	
Field 20 - E Pasture	3.4	Corn	B/G Pit		7.3		24,905	
Field 22 - S Rich's	25.7	Corn	B/G Pit		7.6		194,986	
Field 23 & 24	54.4	Corn	B/G Pit		7.5		405,644	
Field 25	28.4	Beans	B/G Pit		2.3		66,093	
Field 26 - North 60	57.8	Beans	B/G Pit		2.3		134,372	

**CROP YEAR 2011**

<u>Field</u>	<u>Planned Acres</u>	<u>Crop</u>	<u>Planned Manure Source</u>	<u>Actual Manure Source</u>	<u>Planned Manure (1000 Gal/Acre)</u>	<u>Actual Manure (1000 Gal/Acre)</u>	<u>Planned Total Manure (Gallons)</u>	<u>Actual Total Manure (Gallons)</u>
Field 27 - NE 30	30.5	Corn	B/G Pit		7.4		225,122	
Fields 32,33,38 - N of Rent	74.6	Corn	B/G Pit		7.6		565,551	
Field 34-37	88.4	Beans	B/G Pit		2.3		205,465	
Clee Dixon 40	53.4	Beans	B/G Pit		2.3		124,070	
Clee Dixon 32	28.7	Beans	B/G Pit		2.3		66,721	
Clee Dixon 32 North	29.3	Beans	B/G Pit		2.3		68,186	
North 80	68.6	Beans	B/G Pit		2.3		159,442	
East 80	56.2	Corn	B/G Pit		7.6		426,286	

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<b><u>Field</u></b>	<b><u>Planned Acres</u></b>	<b><u>Crop</u></b>	<b><u>Planned Manure Source</u></b>	<b><u>Actual Manure Source</u></b>	<b><u>Planned Manure (1000 Gal/Acre)</u></b>	<b><u>Actual Manure (1000 Gal/Acre)</u></b>	<b><u>Planned Total Manure (Gallons)</u></b>	<b><u>Actual Total Manure (Gallons)</u></b>
Field 1	6.3	Corn	B/G Pit		7.5		46,947	
Field 2 - Big N of Rich's	31.11	Beans	B/G Pit		2.3		72,349	
Field 3	14.07	Corn	B/G Pit		9.2		129,365	
Field 4, 5, & 7 - N Rich's	39.31	Beans	B/G Pit		2.3		91,419	
Field 8 & 9 - S Rich's	10.65	Corn	B/G Pit		7.3		78,192	
Field 10 & 11 - N Barns	43.6	Corn	B/G Pit		7.3		317,610	
Field 12	4.76	Corn	B/G Pit		7.4		35,360	
Field 13 - L-shaped	9.09	Beans	B/G Pit		2.3		21,140	
Field 14 & 15 - 3 piece & S	26	Beans	B/G Pit		2.3		60,465	
Field 16	9.22	Beans	B/G Pit		2.3		21,442	
Field 17 & 19	19.67	Beans	B/G Pit		2.3		45,744	
Far North West & East	89.56	Beans	B/G Pit		2.3		208,279	
Field 20 - E Pasture	3.4	Beans	B/G Pit		2.3		7,907	
Field 22 - S Rich's	25.72	Beans	B/G Pit		2.3		59,814	
Field 23 & 24	54.41	Beans	B/G Pit		2.3		126,535	
Field 25	28.42	Corn	B/G Pit		7.3		207,647	
Field 26 - North 60	57.78	Corn	B/G Pit		7.4		424,773	

**CROP YEAR 2012**

<u>Field</u>	<u>Planned Acres</u>	<u>Crop</u>	<u>Planned Manure Source</u>	<u>Actual Manure Source</u>	<u>Planned Manure (1000 Gal/Acre)</u>	<u>Actual Manure (1000 Gal/Acre)</u>	<u>Planned Total Manure (Gallons)</u>	<u>Actual Total Manure (Gallons)</u>
Field 27 - NE 30	30.5	Beans	B/G Pit		2.3		70,930	
Fields 32,33,38 - N of Rent	74.6	Beans	B/G Pit		2.3		173,488	
Field 34-37	88.35	Corn	B/G Pit		7.5		658,384	
Clee Dixon 40	53.35	Corn	B/G Pit		7.5		397,564	
Clee Dixon 32	28.69	Corn	B/G Pit		7.5		213,798	
Clee Dixon 32 North	29.32	Corn	B/G Pit		7.5		218,493	
North 80	68.56	Corn	B/G Pit		7.3		502,121	
East 80	56.23	Beans	B/G Pit		2.3		130,767	

**Planned Applications**  
**Pinnacle Genetics**  
**CROP YEAR 2013**

<u>Field</u>	<u>Planned Acres</u>	<u>Crop</u>	<u>Planned Manure Source</u>	<u>Actual Manure Source</u>	<u>Planned Manure (1000 Gal/Acre)</u>	<u>Actual Manure (1000 Gal/Acre)</u>	<u>Planned Total Manure (Gallons)</u>	<u>Actual Total Manure (Gallons)</u>
Field 1	6.3	Beans	B/G Pit		2.3		14,679	
Field 2 - Big N of Rich's	31.1	Corn	B/G Pit		7.4		231,263	
Field 3	14.1	Wheat	B/G Pit		2.8		39,293	
Field 4, 5, & 7 - N Rich's	39.3	Corn	B/G Pit		7.4		292,219	
Field 8 & 9 - S Rich's	10.7	Beans	B/G Pit		3.0		32,198	
Field 10 & 11 - N Barns	43.6	Beans	B/G Pit		3.0		131,814	
Field 12	4.8	Beans	B/G Pit		3.0		14,391	
Field 13 - L-shaped	9.1	Corn	B/G Pit		7.4		66,933	
Field 14 & 15 - 3 piece & S	26.0	Corn	B/G Pit		7.4		191,458	
Field 16	9.2	Corn	B/G Pit		7.4		68,539	
Field 17 & 19	19.7	Corn	B/G Pit		7.4		146,221	
Far North West & East	89.6	Corn	B/G Pit		7.4		665,764	
Field 20 - E Pasture	3.4	Corn	B/G Pit		7.4		25,072	
Field 22 - S Rich's	25.7	Corn	B/G Pit		7.4		191,195	
Field 23 & 24	54.4	Corn	B/G Pit		7.4		402,873	
Field 25	28.4	Beans	B/G Pit		2.3		66,093	
Field 26 - North 60	57.8	Beans	B/G Pit		2.3		134,372	

**CROP YEAR 2013**

<u>Field</u>	<u>Planned Acres</u>	<u>Crop</u>	<u>Planned Manure Source</u>	<u>Actual Manure Source</u>	<u>Planned Manure (1000 Gal/Acre)</u>	<u>Actual Manure (1000 Gal/Acre)</u>	<u>Planned Total Manure (Gallons)</u>	<u>Actual Total Manure (Gallons)</u>
Field 27 - NE 30	30.5	Corn	B/G Pit		7.4		225,306	
Fields 32,33,38 - N of Rent	74.6	Corn	B/G Pit		7.4		554,555	
Field 34-37	88.4	Beans	B/G Pit		2.3		205,465	
Clee Dixon 40	53.4	Beans	B/G Pit		2.3		124,070	
Clee Dixon 32	28.7	Beans	B/G Pit		2.3		66,721	
Clee Dixon 32 North	29.3	Beans	B/G Pit		2.3		68,186	
North 80	68.6	Beans	B/G Pit		2.3		159,442	
East 80	56.2	Corn	B/G Pit		7.4		417,998	

**Planned Applications**  
**Pinnacle Genetics**  
**CROP YEAR 2014**

<b><u>Field</u></b>	<b><u>Planned Acres</u></b>	<b><u>Crop</u></b>	<b><u>Planned Manure Source</u></b>	<b><u>Actual Manure Source</u></b>	<b><u>Planned Manure (1000 Gal/Acre)</u></b>	<b><u>Actual Manure (1000 Gal/Acre)</u></b>	<b><u>Planned Total Manure (Gallons)</u></b>	<b><u>Actual Total Manure (Gallons)</u></b>
Field 1	6.3	Corn	B/G Pit		7.4		46,642	
Field 2 - Big N of Rich's	31.1	Beans	B/G Pit		2.3		72,349	
Field 3	14.1	Corn	B/G Pit		9.2		129,673	
Field 4, 5, & 7 - N Rich's	39.3	Beans	B/G Pit		2.3		91,419	
Field 8 & 9 - S Rich's	10.7	Corn	B/G Pit		7.4		78,572	
Field 10 & 11 - N Barns	43.6	Corn	B/G Pit		7.4		321,752	
Field 12	4.8	Corn	B/G Pit		7.4		35,103	
Field 13 - L-shaped	9.1	Beans	B/G Pit		2.3		21,140	
Field 14 & 15 - 3 piece & S	26.0	Beans	B/G Pit		2.3		60,465	
Field 16	9.2	Beans	B/G Pit		2.3		21,442	
Field 17 & 19	19.7	Beans	B/G Pit		2.3		45,744	
Far North West & East	89.6	Beans	B/G Pit		2.3		208,279	
Field 20 - E Pasture	3.4	Beans	B/G Pit		2.3		7,907	
Field 22 - S Rich's	25.7	Beans	B/G Pit		2.3		59,814	
Field 23 & 24	54.4	Beans	B/G Pit		2.3		126,535	
Field 25	28.4	Corn	B/G Pit		7.4		210,555	
Field 26 - North 60	57.8	Corn	B/G Pit		7.4		427,984	

**CROP YEAR 2014**

<u>Field</u>	<u>Planned Acres</u>	<u>Crop</u>	<u>Planned Manure Source</u>	<u>Actual Manure Source</u>	<u>Planned Manure (1000 Gal/Acre)</u>	<u>Actual Manure (1000 Gal/Acre)</u>	<u>Planned Total Manure (Gallons)</u>	<u>Actual Total Manure (Gallons)</u>
Field 27 - NE 30	30.5	Beans	B/G Pit		2.3		70,930	
Fields 32,33,38 - N of Rent	74.6	Beans	B/G Pit		2.3		173,488	
Field 34-37	88.4	Corn	B/G Pit		7.4		654,109	
Clee Dixon 40	53.4	Corn	B/G Pit		7.4		394,983	
Clee Dixon 32	28.7	Corn	B/G Pit		7.4		212,410	
Clee Dixon 32 North	29.3	Corn	B/G Pit		7.4		217,074	
North 80	68.6	Corn	B/G Pit		7.4		507,899	
East 80	56.2	Beans	B/G Pit		2.3		130,767	

Building: Pinnacle  
Crop Year 2010

Fall 2009 to Spring 2010

Field	Date	Crop	Acres	Yield	Planned Crop uptake			Manure Source	Test Result			Gallons Applied	Rate Applied	Actual Pounds		
					N	P	K		N	P	K			N	P	K
Field 1		Corn	6.3	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 2- Big N of Rich's		Beans	32.5	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 3		Corn	14.8	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 4, 5, & 7-N Rich's		Beans	39.9	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 8 & 9- S Rich's		Corn	14	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 10 & 11- N Barns		Corn	39.6	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 12			14.1		0.0	0.0	0.0	Gestation					0	0	0	0
Field 13- L shaped		Beans	10.1	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 14		Corn	11.2	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 15		Corn	17.2	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 16			9.9		0.0	0.0	0.0	Gestation					0	0	0	0
Field 17 & 19			17.1		0.0	0.0	0.0	Gestation					0	0	0	0
Far North West & East		Beans	89.6	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 20- E Pasture		Beans	7.5	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 22-S Rich's		Beans	29.1	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 23 & 24		Beans	53.4	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 25		Corn	30.2	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 26- North 60		Corn	58.3	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 27- NE 30		Beans	30.5	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 29 & 30- N Rectangles		Corn	61.9	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 32- N of Rent		Beans	24.2	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 33- N House Rent		Beans	26.6	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 34- W House Rent		Corn	22.9	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 35- S House Rent		Corn	9	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 36- Square Rent		Corn	38.3	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 37- L shape Rent		Corn	19	170	221.0	93.5	47.6	Gestation					0	0	0	0
Field 38- South Rent		Beans	32.9	50	65.0	27.5	14.0	Gestation					0	0	0	0
North 80		Corn	59.3	170	221.0	93.5	47.6	Gestation					0	0	0	0
East 80		Beans	55.9	50	65.0	27.5	14.0	Gestation					0	0	0	0
Clee Dixon 40A			40		0.0	0.0	0.0	Gestation					0	0	0	0
Clee Dixon 32A			32		0.0	0.0	0.0	Gestation					0	0	0	0
Clee Dixon 32A- N of 40A			32		0.0	0.0	0.0	Gestation					0	0	0	0
Total			979.3		3809	1611.5	820.4									

Building:  
Crop Year 2009

Pinnacle

Fall 2008 to Spring 2009

Field	Date	Crop	Acres	Yield	Planned Crop Uptake			Manure Source	Test Result			Gallons Applied	Rate Applied	Actual Pounds		
					N	P	K		N	P	K			N	P	K
Field 1		Beans	8.3	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 2- Big N of Rich's		Corn	32.5	170	221.0	93.5	47.8	Gestation					0	0	0	0
Field 3	12/2/2008	Wheat	14.8	70	91.0	38.5	19.8	Gestation	21.9	6	14.1	159,000	10,743	235	64	151
Field 4, 5, & 7-N Rich's		Corn	39.9	170	221.0	93.5	47.8	Gestation					0	0	0	0
Field 8 & 9- S Rich's	10/10/2008	Beans	14	50	65.0	27.5	14.0	Gestation	21.9	6	14.1	154,000	11,000	241	66	155
Field 10 & 11- N Barns	10/11/2008	Beans	39.6	50	65.0	27.5	14.0	Gestation	21.9	6	14.1	724,000	18,283	400	110	258
Field 12			14.1		0.0	0.0	0.0	Gestation					0	0	0	0
Field 13- L shaped	10/9/2008	Corn	10.1	170	221.0	93.5	47.8	Gestation	21.9	6	14.1	180,488	17,870	391	107	252
Field 14	10/9/2008	Corn	11.2	170	221.0	93.5	47.8	Gestation	21.9	6	14.1	200,146	17,870	391	107	252
Field 15	10/9/2008	Corn	17.2	170	221.0	93.5	47.8	Gestation	21.9	6	14.1	307,366	17,870	391	107	252
Field 16			9.9		0.0	0.0	0.0	Gestation					0	0	0	0
Field 17 & 19			17.1		0.0	0.0	0.0	Gestation					0	0	0	0
Far North West & East		Corn	89.6	170	221.0	93.5	47.8	Gestation					0	0	0	0
Field 20- E Pasture	4/24/2009	Corn	7.5	170	221.0	93.5	47.8	Gestation	21.9	6	14.1	114,000	15,200	333	91	214
Field 22-5 Rich's		Corn	29.1	170	221.0	93.5	47.8	Gestation					0	0	0	0
Field 23 & 24	11/30/2008	Corn	53.4	170	221.0	93.5	47.8	Gestation	21.9	6	14.1	398,532	7,463	163	45	105
Field 25	12/2/08 12/4/08	Beans	30.2	50	65.0	27.5	14.0	Gestation	21.9	6	14.1	559,468	18,525	406	111	261
Field 26- North 50	12/2/08 4/17/09	Beans	58.3	50	65.0	27.5	14.0	Gestation	21.9	6	14.1	745,000	12,779	280	77	180
Field 27- NE 30	11/29/2008	Corn	30.5	170	221.0	93.5	47.8	Gestation	21.9	6	14.1	362,000	11,869	260	71	167
Field 29 & 30- N Rectangles		Beans	61.9	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 32- N of Rent		Corn	24.2	170	221.0	93.5	47.8	Gestation					0	0	0	0
Field 33- N House Rent		Corn	26.6	170	221.0	93.5	47.8	Gestation					0	0	0	0
Field 34- W House Rent		Beans	22.9	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 35- S House Rent		Beans	9	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 36- Square Rent		Beans	38.3	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 37- L shape Rent		Beans	19	50	65.0	27.5	14.0	Gestation					0	0	0	0
Field 38- South Rent		Corn	32.9	170	221.0	93.5	47.8	Gestation					0	0	0	0
North 80 & triangle Z	11/29/08 4/8/09	Beans	59.3	50	65.0	27.5	14.0	Gestation	21.9	6	14.1	967,000	16,307	357	98	230
East 80		Corn	55.9	170	221.0	93.5	47.8	Gestation					0	0	0	0
Clee Dixon 40A	4/11/2009		40		0.0	0.0	0.0	Gestation	21.9	6	14.1	596,667	14,917	327	90	210
Clee Dixon 32A	4/11/2009		32		0.0	0.0	0.0	Gestation	21.9	6	14.1	477,333	14,917	327	89	210
Clee Dixon 32A-N of 40A	4/18/2009		32		0.0	0.0	0.0	Gestation	21.9	6	14.1	417,000	13,031	285	78	184
Total			979.3		3679	1556.5	792.4									

Building: Pinnacle  
Crop Year 2008 Fall 2007 to Spring 2008

Field	Date	Crop	Acres	Yield	Planned Crop uptake			Manure Source	Test Result			Gallons Applied	Rate Applied	Actual Pounds		
					N	P	K		N	P	K			N	P	K
Field 1		Corn	6.3	170	221.0	93.5	47.6	Gestation						0	0	0
Field 2- Big N of Rich's	10/22/2007	Corn	32.5	170	221.0	93.5	47.6	Gestation	22.9	7.2	17.1	472,686	14,544	333	105	249
Field 3		Beans	14.8	50	65.0	27.5	14.0	Gestation						0	0	0
Field 4, 5, & 7-N Rich's	10/22/2007	Corn	39.9	170	221	93.5	47.6	Gestation	22.9	7.2	17.1	580,314	14,544	333	105	249
Field 8 & 9-S Rich's		Corn	14	170	221.0	93.5	47.6	Gestation						0	0	0
Field 10 & 11-N Barns		Corn	39.6	170	221.0	93.5	47.6	Gestation						0	0	0
Field 12			14.1		0.0	0.0	0.0	Gestation						0	0	0
Field 13- L shaped		Beans	10.1	50	65.0	27.5	14.0	Gestation						0	0	0
Field 14		Corn	11.2	170	221.0	93.5	47.6	Gestation						0	0	0
Field 15		Corn	17.2	170	221.0	93.5	47.6	Gestation						0	0	0
Field 16	10/20/2007		9.9		0.0	0.0	0.0	Gestation	22.9	7.2	17.1	118,292	11,949	274	86	204
Field 17 & 19	10/19/2007		17.1		0.0	0.0	0.0	Gestation	22.9	7.2	17.1	164,000	9,591	220	69	164
Far North West & East		Corn	89.6	170	221.0	93.5	47.6	Gestation						0	0	0
Field 20- E Pasture		Beans	7.5	50	65.0	27.5	14.0	Gestation						0	0	0
Field 22-S Rich's	10/22/2007	Corn	29.1	170	221.0	93.5	47.6	Gestation	22.9	7.2	17.1	347,708	11,949	274	86	204
Field 23 & 24		Beans	53.4	50	65.0	27.5	14.0	Gestation						0	0	0
Field 25	10/23/2007	Corn	30.2	170	221.0	93.5	47.6	Gestation	22.9	7.2	17.1	482,000	15,960	365	115	273
Field 26- North 60	4/30/2008	Corn	58.3	170	221.0	93.5	47.6	Gestation	22.9	7.2	17.1	663,000	11,372	260	82	194
Field 27- NE 30		Corn	30.5	170	221.0	93.5	47.6	Gestation						0	0	0
Field 29 & 30- N Rectangles		Corn	61.9	170	221.0	93.5	47.6	Gestation						0	0	0
Field 32- N of Rent		Beans	24.2	50	65.0	27.5	14.0	Gestation						0	0	0
Field 33- N House Rent		Beans	26.6	50	65.0	27.5	14.0	Gestation						0	0	0
Field 34- W House Rent		Corn	22.9	170	221.0	93.5	47.6	Gestation						0	0	0
Field 35-S House Rent		Corn	9	170	221.0	93.5	47.6	Gestation						0	0	0
Field 36- Square Rent		Corn	38.3	170	221.0	93.5	47.6	Gestation						0	0	0
Field 37- L shape Rent		Corn	19	170	221.0	93.5	47.6	Gestation						0	0	0
Field 38- South Rent		Beans	32.9	50	65.0	27.5	14.0	Gestation						0	0	0
North 80	4/21/2008	Corn	59.3	170	221.0	93.5	47.6	Gestation	22.9	7.2	17.1	662,000	11,164	256	80	191
East 80		Corn	55.9	170	221.0	93.5	47.6	Gestation						0	0	0
Clee Dixon 40A			40		0.0	0.0	0.0	Gestation						0	0	0
Clee Dixon 32A	5/1/2008		32		0.0	0.0	0.0	Gestation	22.9	7.2	17.1	445,000	13,906	318	100	238
Clee Dixon 32A-N of 40A			32		0.0	0.0	0.0	Gestation						0	0	0
Total			979.3													