

Manplan Annual Report

Created for: MK Pork Inc

220 RR St.

Gladstone, Illinois 61243

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Plan: Sheetz Family Farm & MK Pork

Plan Year: 2014

State: Illinois

Description: Illinois NMP; 2010 to 2014

2014 Nutrients Applied

Value of Nutrients Applied:

Field; Nutrient Source	Acres Applied	Total Applied (/ Acre)	Date	N Available		P Applied		K Applied		Value N		Value P		Value K	
				lbs / ac	Total lbs	lbs / ac	Total lbs	lbs / ac	Total lbs	\$ / ac	Total \$	\$ / ac	Total \$	\$ / ac	Total \$
MCCF01; Commercial Fertilizer	143.1	275.0 Lbs.	5/1/14	88.0	12,593	0.0	0	0.0	0	\$28.16	\$4,029.70	\$0.00	\$0.00	\$0.00	\$0.00
MCCF01; W-F 3	143.1	6,000.0 Gallons	11/1/13	116.0	16,600	31.7	4,537	109.5	15,669	\$37.12	\$5,312.00	\$25.41	\$3,636.41	\$27.59	\$3,948.59
MCCF01 Summary:				204.0	29,193	31.7	4,537	109.5	15,669	\$65.28	\$9,341.70	\$25.41	\$3,636.41	\$27.59	\$3,948.59
MCCF06M; Commercial Fertilizer	14.2	220.0 Lbs.	4/1/14	180.4	2,562	0.0	0	0.0	0	\$57.73	\$819.74	\$0.00	\$0.00	\$0.00	\$0.00
MCCF06M; Commercial Fertilizer	245.0	200.0 Lbs.	5/1/14	64.0	15,680	0.0	0	0.0	0	\$20.48	\$5,017.60	\$0.00	\$0.00	\$0.00	\$0.00
MCCF06M; W-F 1	122.5	6,000.0 Gallons	11/1/13	116.0	14,210	31.7	3,884	109.5	13,414	\$37.12	\$4,547.20	\$25.41	\$3,113.03	\$27.59	\$3,380.33
MCCF06M; W-F 2	122.5	6,000.0 Gallons	11/1/13	116.0	14,210	31.7	3,884	109.5	13,414	\$87.00	\$10,657.5	\$68.98	\$8,449.64	\$111.69	\$13,682.2
MCCF06M Summary:				476.4	46,662	63.4	7,768	219.0	26,828	\$202.33	\$21,042.0	\$94.39	\$11,562.6	\$139.28	\$17,062.6
MCCF06N; Commercial Fertilizer	46.4	200.0 Lbs.	5/1/14	64.0	2,970	0.0	0	0.0	0	\$48.00	\$2,227.20	\$0.00	\$0.00	\$0.00	\$0.00
MCCF06N; W-F 4	46.4	6,000.0 Gallons	11/1/13	116.0	5,383	31.7	1,471	109.5	5,081	\$37.12	\$1,722.56	\$25.41	\$1,179.01	\$27.60	\$1,280.41
MCCF06N Summary:				180.0	8,353	31.7	1,471	109.5	5,081	\$85.12	\$3,949.76	\$25.41	\$1,179.01	\$27.60	\$1,280.41
MCCF06S; Commercial Fertilizer	55.0	220.0 Lbs.	4/1/14	180.4	9,922	0.0	0	0.0	0	\$57.73	\$3,175.04	\$0.00	\$0.00	\$0.00	\$0.00
MCCF06S; Commercial Fertilizer	55.0	150.0 Lbs.	11/15/13	27.0	1,485	30.1	1,657	0.0	0	\$20.25	\$1,113.75	\$65.55	\$3,605.25	\$0.00	\$0.00
MCCF06S Summary:				207.4	11,407	30.1	1,657	0.0	0	\$77.98	\$4,288.79	\$65.55	\$3,605.25	\$0.00	\$0.00
MCCF07; Commercial Fertilizer	63.5	200.0 Lbs.	5/1/14	64.0	4,064	0.0	0	0.0	0	\$20.48	\$1,300.48	\$0.00	\$0.00	\$0.00	\$0.00
MCCF07; W-F 4	63.5	6,000.0 Gallons	11/1/13	116.0	7,366	31.7	2,013	109.5	6,953	\$87.00	\$5,524.50	\$68.97	\$4,379.28	\$111.69	\$7,092.06
MCCF07 Summary:				180.0	11,430	31.7	2,013	109.5	6,953	\$107.48	\$6,824.98	\$68.97	\$4,379.28	\$111.69	\$7,092.06
Grand Total:				107,044		17,446		54,531		\$45,447.2		\$24,362.6		\$29,383.6	
Grand Total Value:													\$99,193.56		

2014 Crops Planted

Crops Planted:

Field; Crop	Acres Planted	Yield Potential	N Required		P Required		K Required		N Credits	
			Total lbs	lbs / Acre	Total lbs	lbs / Acre	Total lbs	lbs / Acre	Total lbs	lbs / Acre
MCCF01; Corn,IL-1.2	161.0	190.00	36,731	228	5,816	36	7,040	44	0	0
MCCF01 Total:			36,731		5,816		7,040		0	
MCCF06M; Corn,IL-1.2	259.0	180.00	55,987	216	8,865	34	10,731	41	0	0
MCCF06M Total:			55,987		8,865		10,731		0	
MCCF06N; Corn,IL-1.2	46.0	180.00	10,022	216	1,587	34	1,921	41	0	0
MCCF06N Total:			10,022		1,587		1,921		0	
MCCF06S; Corn,IL-1.2	55.0	180.00	11,880	216	1,881	34	2,277	41	0	0
MCCF06S Total:			11,880		1,881		2,277		0	
MCCF07; Corn,IL-1.2	64.0	190.00	14,478	228	2,292	36	2,775	44	0	0
MCCF07 Total:			14,478		2,292		2,775		0	
Grand Total:			129,098		20,441		24,744		0	

2014 Phosphorus & Potassium Report

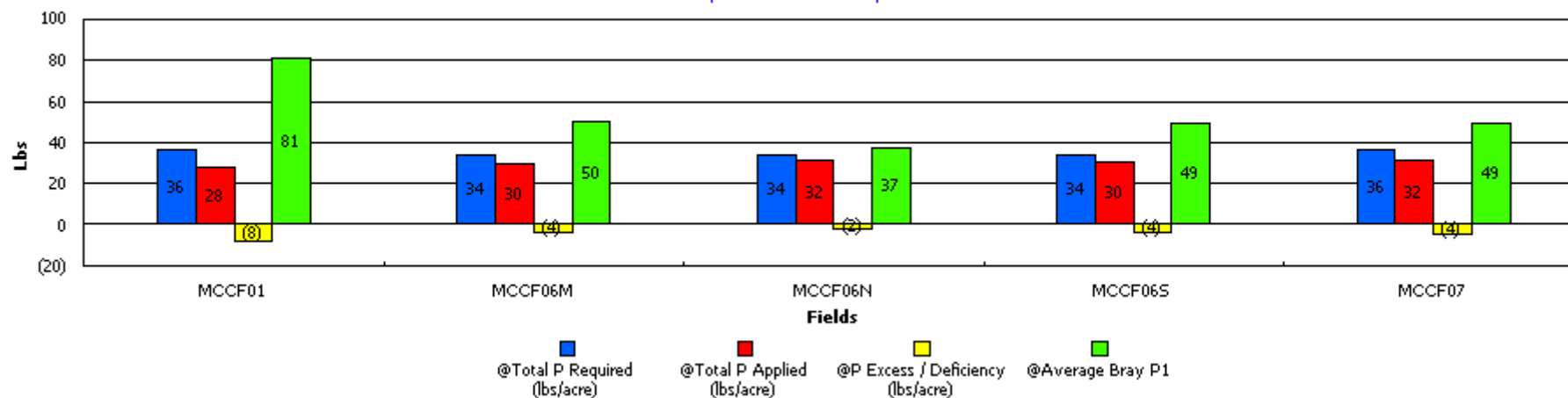
Phosphorus and Potassium Report:

Fields	Total Acres	Phosphorus								Potassium					
		Bray P1 Test	Required		Applied		Excess / Deficiency		Potassium Test	Required		Applied		Excess / Deficiency	
			Total lbs	lbs / acre*	Total lbs	lbs / acre*	Total lbs	lbs / acre*		Total lbs	lbs / acre*	Total lbs	lbs / acre*	Total lbs	lbs /
MCCF01	143.0	81	5,816	36	4,537	28	-1,279	-8	532	7,040	44	15,669	97	8,629	54
MCCF06M	259.0	50	8,865	34	7,768	30	-1,097	-4	519	10,731	41	26,828	104	16,097	62
MCCF06N	46.0	37	1,587	34	1,471	32	-116	-2	409	1,921	41	5,081	110	3,160	68
MCCF06S	55.0	49	1,881	34	1,657	30	-224	-4	350	2,277	41	0	0	-2,277	-41
MCCF07	64.0	49	2,292	36	2,013	32	-279	-4	358	2,775	44	6,953	109	4,178	66
Total:	567.0	57	20,441		17,446		-2,994		479	24,744		54,531		29,787	

* per spreadable acre

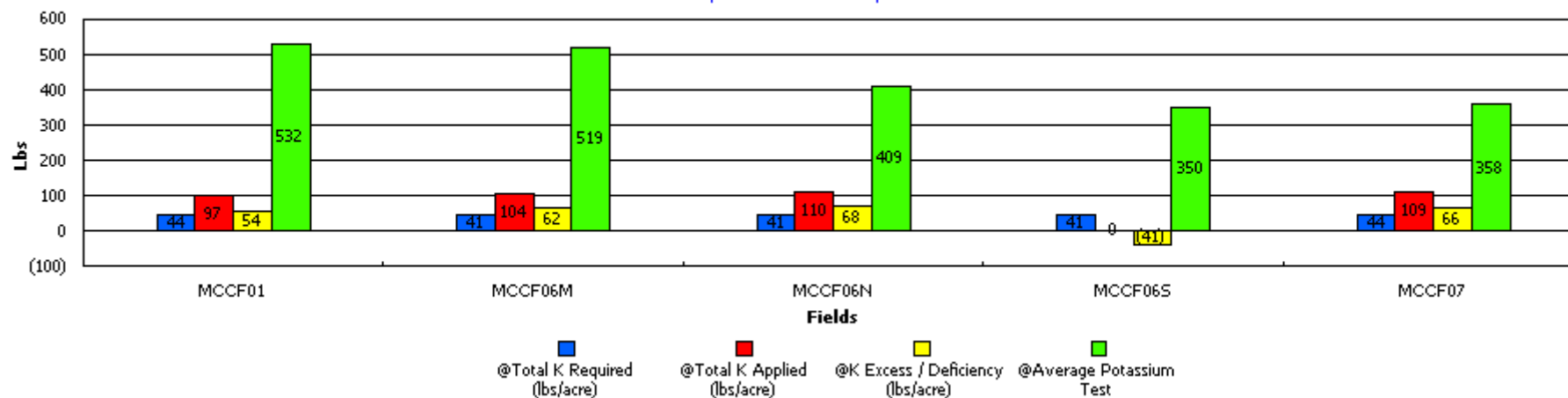
Phosphorus Balance

per field for the year



Potassium Balance

per field for the year



Nitrogen Report

Nitrogen Report:

Fields	Acres	N													
		Required		Organic N Mineralization*					Commercial (Lbs)*	Prev Yr N Credits (Lbs)*	Total N		Excess / Deficiency		
		Lbs	Lbs	This	Year +1	Year +2	Year +3	Prev			Lbs	Lbs	Lbs	Lbs	
MCCF01 - North 160	143.0	36,731	228	103	17	8	4	29	78	0	33,926	210.59	-2,805	-17.41	
MCCF06M - East of	259.0	55,987	216	110	18	9	4	31	70	0	54,766	211.29	-1,222	-4.71	
MCCF06N - East of	46.0	10,022	216	116	19	9	5	33	64	0	9,887	213.07	-136	-2.93	
MCCF06S - East of	55.0	11,880	216	0	0	0	0	0	207	0	11,407	207.40	-473	-8.60	
MCCF07 - Holfords	64.0	14,478	228	116	19	9	5	33	64	0	13,530	213.07	-948	-14.93	
Total:	567.0	129,098									123,515		-5,583		

* per planted acre

Nitrogen Balance

per field for the year

