

# Manplan Annual Report

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Created for: MK Pork Inc

220 RR St.

Gladstone, Illinois 61243

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Plan: Sheetz Family Farm & MK Pork

Plan Year: 2010

State: Illinois

Description: Illinois NMP; 2010 to 2014

## 2010 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	180.0 Lbs.	5/1/10	57.6	8,243	0.0	0	0.0	0	\$18.43	\$2,637.62	\$0.00	\$0.00	\$0.00	\$0.00
MCCF01; W-F 3	143.1	5,300.0 Gallons	11/1/09	146.7	20,987	42.8	6,127	81.7	11,692	\$46.93	\$6,715.84	\$34.32	\$4,910.79	\$20.59	\$2,946.38
MCCF01 Summary:				204.3	29,230	42.8	6,127	81.7	11,692	\$65.36	\$9,353.46	\$34.32	\$4,910.79	\$20.59	\$2,946.38
MCCF06M; Commercial Fertilizer	14.2	220.0 Lbs.	4/1/10	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.	5/1/10	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	11/1/09	138.8	16,999	21.0	2,568	111.5	13,659	\$44.41	\$5,439.68	\$16.80	\$2,058.25	\$28.10	\$3,442.07
MCCF06M; W-F 2	122.5	6,000.0 Gallons	11/1/09	126.9	15,543	19.6	2,407	81.5	9,984	\$95.16	\$11,657.2	\$42.75	\$5,236.43	\$83.13	\$10,183.6
MCCF06M Summary:				510.1	50,784	40.6	4,975	193.0	23,643	\$217.78	\$22,934.2	\$59.55	\$7,294.68	\$111.23	\$13,625.7
MCCF06N; Commercial Fertilizer	46.4	30.0 Lbs.	5/1/10	9.6	445	0.0	0	0.0	0	\$7.20	\$334.08	\$0.00	\$0.00	\$0.00	\$0.00
MCCF06N; W-F 4	46.4	6,000.0 Gallons	11/1/09	202.6	9,401	37.5	1,738	152.0	7,053	\$64.83	\$3,008.32	\$30.02	\$1,393.01	\$38.31	\$1,777.36
MCCF06N Summary:				212.2	9,846	37.5	1,738	152.0	7,053	\$72.03	\$3,342.40	\$30.02	\$1,393.01	\$38.31	\$1,777.36
MCCF06S; Commercial Fertilizer	55.0	220.0 Lbs.	4/1/10	180.4	9,922	0.0	0	0.0	0	\$57.73	\$3,175.04	\$0.00	\$0.00	\$0.00	\$0.00
MCCF06S Summary:				180.4	9,922	0.0	0	0.0	0	\$57.73	\$3,175.04	\$0.00	\$0.00	\$0.00	\$0.00
MCCF07; Commercial Fertilizer	63.5	50.0 Lbs.	5/1/10	16.0	1,016	0.0	0	0.0	0	\$5.12	\$325.12	\$0.00	\$0.00	\$0.00	\$0.00
MCCF07; W-F 4	63.5	6,000.0 Gallons	11/1/09	202.6	12,866	37.5	2,379	152.0	9,652	\$151.96	\$9,649.50	\$81.50	\$5,175.51	\$155.04	\$9,845.04
MCCF07 Summary:				218.6	13,882	37.5	2,379	152.0	9,652	\$157.08	\$9,974.62	\$81.50	\$5,175.51	\$155.04	\$9,845.04
Grand Total:				113,664		15,219		52,040		\$48,779.7		\$18,773.9		\$28,194.5	
Grand Total Value:												\$95,748.31			

## 2010 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	

## 2010 Phosphorus & Potassium Report

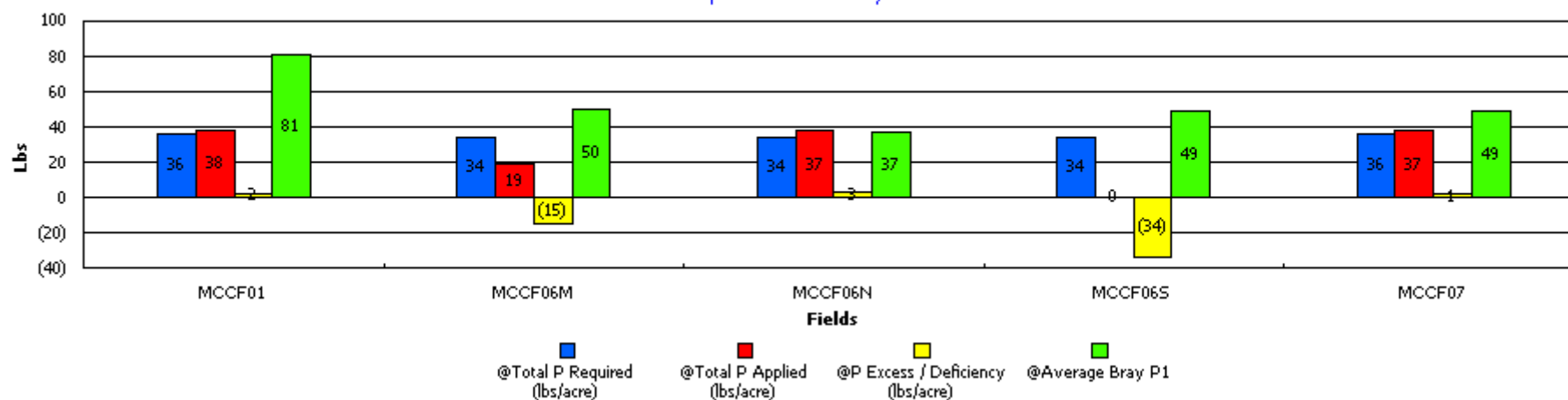
## Phosphorus and Potassium Report:

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	6,127	38	311	2	532	7,040	44	11,692	73	4,652	29
MCCF06M	259.0	50	8,865	34	4,975	19	-3,890	-15	519	10,731	41	23,643	91	12,912	50
MCCF06N	46.0	37	1,587	34	1,738	37	151	3	409	1,921	41	7,053	152	5,132	111
MCCF06S	55.0	49	1,881	34	0	0	-1,881	-34	350	2,277	41	0	0	-2,277	-41
MCCF07	64.0	49	2,292	36	2,379	37	87	1	358	2,775	44	9,652	152	6,877	108
Total:	567.0	57	20,441		15,219		-5,222		479	24,744		52,040		27,296	

\* per spreadable acre

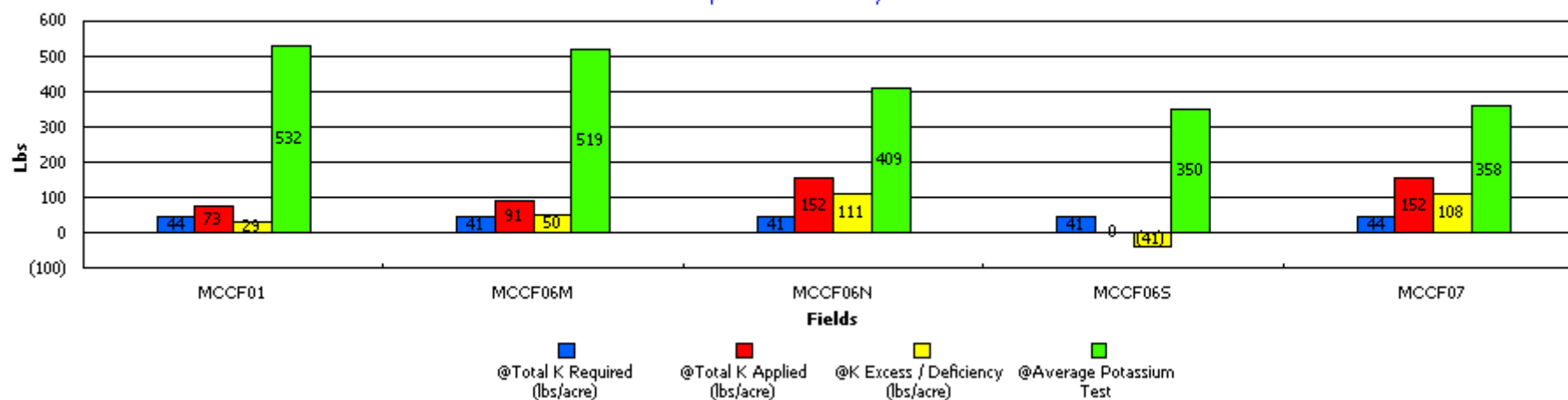
## Phosphorus Balance

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	130	9	5	2	0	51	0	29,230	181.44	-7,501	-46.56	
MCCF06M - East of	259.0	55,987	216	126	2	1	1	0	70	0	50,784	195.92	-5,204	-20.08	
MCCF06N - East of	46.0	10,022	216	203	11	6	3	0	10	0	9,846	212.21	-176	-3.79	
MCCF06S - East of	55.0	11,880	216	0	0	0	0	0	180	0	9,922	180.40	-1,958	-35.60	
MCCF07 - Holfords	64.0	14,478	228	203	11	6	3	0	16	0	13,882	218.61	-596	-9.39	
Total:	567.0	129,098									113,664		-15,435		

\* per planted acre

## Nitrogen Balance

per field for the year

