



Manure Nutrient Management Plan

PROJECT: Hill Crest Dairy

PROJECT NO.: 238-04009

COMPUTATION BY: _____ DATE: 8/16/10

CHECKED BY: _____ DATE: _____

Plan Start Year: 2008

Plan End Year: 2013

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Manure Analysis
START YEAR
2008

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Source #	1 DAIRY ANAEROBIC LIQUID INJECTED	2 DAIRY SOLIDS SOLID BROADCAST W/ INCORP	3 DAIRY ANAEROBIC LIQUID BROADCAST W/O INCORP							
2005	# NH3 / k Gal or ton	6.80								
	# Org. N / k Gal or ton	3.70								
	# TOTAL N/ k Gal or ton	10.5								
	# 1YR PAN / k Gal or ton	7.77								
	# P2O5/ k Gal or ton	6.00								
	# K2O/ k Gal or ton	17.0								
2006	# NH3 / k Gal or ton	6.80	0.00	0.00						
	# Org. N / k Gal or ton	3.70	0.00	0.00						
	# TOTAL N/ k Gal or ton	10.5	0.00	0.00						
	# 1YR PAN / k Gal or ton	7.77								
	# P2O5/ k Gal or ton	6.00	0.00	0.00						
	# K2O/ k Gal or ton	17.0	0.00	0.00						
2007	# NH3 / k Gal or ton	6.80	0.00	0.00						
	# Org. N / k Gal or ton	3.70	0.00	0.00						
	# TOTAL N/ k Gal or ton	10.5	0.00	0.00						
	# 1YR PAN / k Gal or ton	7.77								
	# P2O5/ k Gal or ton	6.00	0.00	0.00						
	# K2O/ k Gal or ton	17.0	0.00	0.00						
2008	# NH3 / k Gal or ton	5.25	2.40	5.25						
	# Org. N / k Gal or ton	7.60	4.30	7.60						
	# TOTAL N/ k Gal or ton	12.9	6.70	12.9						
	# 1YR PAN / k Gal or ton	7.43	3.36	6.22						
	# P2O5/ k Gal or ton	1.65	2.30	1.65						
	# K2O/ k Gal or ton	12.1	4.90	12.0						
2009	# NH3 / k Gal or ton	5.25	2.40	5.25						
	# Org. N / k Gal or ton	7.60	4.30	7.60						
	# TOTAL N/ k Gal or ton	12.9	6.70	12.9						
	# 1YR PAN / k Gal or ton	7.43	3.36	6.22						
	# P2O5/ k Gal or ton	1.65	2.30	1.65						
	# K2O/ k Gal or ton	12.1	4.90	12.1						
2010	# NH3 / k Gal or ton	5.25	2.20	5.25						
	# Org. N / k Gal or ton	7.60	4.60	7.60						
	# TOTAL N/ k Gal or ton	12.9	6.80	12.9						
	# 1YR PAN / k Gal or ton	7.43	3.24	6.22						
	# P2O5/ k Gal or ton	1.65	3.60	1.65						
	# K2O/ k Gal or ton	12.1	3.80	12.1						
2011	# NH3 / k Gal or ton	6.80	2.20	5.25						
	# Org. N / k Gal or ton	7.60	4.60	7.60						
	# TOTAL N/ k Gal or ton	14.4	6.80	12.9						
	# 1YR PAN / k Gal or ton	8.94	3.24	6.22						
	# P2O5/ k Gal or ton	5.50	3.60	1.65						
	# K2O/ k Gal or ton	12.0	3.80	12.1						
2012	# NH3 / k Gal or ton	6.80	2.20	5.25						
	# Org. N / k Gal or ton	7.60	4.60	7.60						
	# TOTAL N/ k Gal or ton	14.4	6.80	12.9						
	# 1YR PAN / k Gal or ton	8.94	3.24	6.22						
	# P2O5/ k Gal or ton	5.50	3.60	1.65						
	# K2O/ k Gal or ton	12.0	3.80	12.1						
2013	# NH3 / k Gal or ton	6.80	2.20	5.25						
	# Org. N / k Gal or ton	7.60	4.60	7.60						
	# TOTAL N/ k Gal or ton	14.4	6.80	12.9						
	# 1YR PAN / k Gal or ton	8.94	3.24	6.22						
	# P2O5/ k Gal or ton	5.50	3.60	1.65						
	# K2O/ k Gal or ton	12.0	3.80	12.1						



Available Nutrients Calculations
Manure Analysis
START YEAR
2008

PROJECT: Hill Crest Dairy

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2005 Manure Sources and Analysis

MANURE SOURCE	ANIMAL TYPE	TYPE OF MANURE	STATE	APPLICATION METHOD	1000 GAL / TON	AMOUNT 1,000 GAL / TON	NH3	ORGANIC NITROGEN	TOTAL NITROGEN	P2O5	K2O
1	DAIRY	ANAEROBIC	LIQUID	INJECTED	1000 GAL	14359	6.8	3.7	10.5	6	17
2	DAIRY	SOLIDS	SOLID	BROADCAST W/ INCORP	TON						
3	DAIRY	ANAEROBIC	LIQUID	BROADCAST W/O INCORP	1000 GAL						

2006

MANURE SOURCE	ANIMAL TYPE	TYPE OF MANURE	STATE	APPLICATION METHOD	1000 GAL / TON	AMOUNT 1,000 GAL / TON	NH3	ORGANIC NITROGEN	TOTAL NITROGEN	P2O5	K2O
1	DAIRY	ANAEROBIC	LIQUID	INJECTED	1000 GAL	14359	6.8	3.7	10.5	6	17
2	DAIRY	SOLIDS	SOLID	BROADCAST W/ INCORP	TON	0	0	0	0	0	0
3	DAIRY	ANAEROBIC	LIQUID	BROADCAST W/O INCORP	1000 GAL	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

2007

MANURE SOURCE	ANIMAL TYPE	TYPE OF MANURE	STATE	APPLICATION METHOD	1000 GAL / TON	AMOUNT 1,000 GAL / TON	NH3	ORGANIC NITROGEN	TOTAL NITROGEN	P2O5	K2O
1	DAIRY	ANAEROBIC	LIQUID	INJECTED	1000 GAL	14359	6.8	3.7	10.5	6	17
2	DAIRY	SOLIDS	SOLID	BROADCAST W/ INCORP	TON	0	0	0	0	0	0
3	DAIRY	ANAEROBIC	LIQUID	BROADCAST W/O INCORP	1000 GAL	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

2008

MANURE SOURCE	ANIMAL TYPE	TYPE OF MANURE	STATE	APPLICATION METHOD	1000 GAL / TON	AMOUNT 1,000 GAL / TON	NH3	ORGANIC NITROGEN	TOTAL NITROGEN	P2O5	K2O
1	DAIRY	ANAEROBIC	LIQUID	INJECTED	1000 GAL	15500	5.25	7.6	12.9	1.65	12.1
2	DAIRY	SOLIDS	SOLID	BROADCAST W/ INCORP	TON	4900	2.4	4.3	6.7	2.3	4.9
3	DAIRY	ANAEROBIC	LIQUID	BROADCAST W/O INCORP	1000 GAL	5000	5.25	7.6	12.9	1.65	12
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0

2009

MANURE SOURCE	ANIMAL TYPE	TYPE OF MANURE	STATE	APPLICATION METHOD	1000 GAL / TON	AMOUNT 1,000 GAL / TON	NH3	ORGANIC NITROGEN	TOTAL NITROGEN	P2O5	K2O
1	DAIRY	ANAEROBIC	LIQUID	INJECTED	1000 GAL	15500	5.25	7.6	12.9	1.65	12.1
2	DAIRY	SOLIDS	SOLID	BROADCAST W/ INCORP	TON	4900	2.4	4.3	6.7	2.3	4.9
3	DAIRY	ANAEROBIC	LIQUID	BROADCAST W/O INCORP	1000 GAL	5000	5.25	7.6	12.9	1.65	12.1
0	0	0	0	0	0						
0	0	0	0	0	0						
0	0	0	0	0	0						
0	0	0	0	0	0						
8	0	0	0	0	0						
9	0	0	0	0	0		0	0	0	0	0
10	0	0	0	0	0		0	0	0	0	0



Available Nutrients Calculations
Manure Analysis
START YEAR
2008

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2010

MANURE SOURCE	ANIMAL TYPE	TYPE OF MANURE	STATE	APPLICATION METHOD	1000 GAL / TON	AMOUNT 1,000 GAL / TON	NH3	ORGANIC NITROGEN	TOTAL NITROGEN	P2O5	K2O
1	DAIRY	ANAEROBIC	LIQUID	INJECTED	1000 GAL	15500	5.25	7.6	12.9	1.65	12.1
2	DAIRY	SOLIDS	SOLID	BROADCAST W/ INCORP	TON	4900	2.2	4.6	6.8	3.6	3.8
3	DAIRY	ANAEROBIC	LIQUID	BROADCAST W/O INCORP	1000 GAL	5000	5.25	7.6	12.9	1.65	12.1
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	0	0	0	0					

2011

MANURE SOURCE	ANIMAL TYPE	TYPE OF MANURE	STATE	APPLICATION METHOD	1000 GAL / TON	AMOUNT 1,000 GAL / TON	NH3	ORGANIC NITROGEN	TOTAL NITROGEN	P2O5	K2O
1	DAIRY	ANAEROBIC	LIQUID	INJECTED	1000 GAL	18500	6.8	7.6	14.4	5.5	12
2	DAIRY	SOLIDS	SOLID	BROADCAST W/ INCORP	TON	4900	2.2	4.6	6.8	3.6	3.8
3	DAIRY	ANAEROBIC	LIQUID	BROADCAST W/O INCORP	1000 GAL	5000	5.25	7.6	12.9	1.65	12.1
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	0	0	0	0					

2012

MANURE SOURCE	ANIMAL TYPE	TYPE OF MANURE	STATE	APPLICATION METHOD	1000 GAL / TON	AMOUNT 1,000 GAL / TON	NH3	ORGANIC NITROGEN	TOTAL NITROGEN	P2O5	K2O
1	DAIRY	ANAEROBIC	LIQUID	INJECTED	1000 GAL	18500	6.8	7.6	14.4	5.5	12
2	DAIRY	SOLIDS	SOLID	BROADCAST W/ INCORP	TON	4900	2.2	4.6	6.8	3.6	3.8
3	DAIRY	ANAEROBIC	LIQUID	BROADCAST W/O INCORP	1000 GAL	5000	5.25	7.6	12.9	1.65	12.1
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	0	0	0	0					

2013

MANURE SOURCE	ANIMAL TYPE	TYPE OF MANURE	STATE	APPLICATION METHOD	1000 GAL / TON	AMOUNT 1,000 GAL / TON	NH3	ORGANIC NITROGEN	TOTAL NITROGEN	P2O5	K2O
1	DAIRY	ANAEROBIC	LIQUID	INJECTED	1000 GAL	18500	6.8	7.6	14.4	5.5	12
2	DAIRY	SOLIDS	SOLID	BROADCAST W/ INCORP	TON	4900	2.2	4.6	6.8	3.6	3.8
3	DAIRY	ANAEROBIC	LIQUID	BROADCAST W/O INCORP	1000 GAL	5000	5.25	7.6	12.9	1.65	12.1
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
0	0	0	0	0	0	0					
8	0	0	0	0	0	0					
9	0	0	0	0	0	0					
10	0	0	0	0	0	0					



Field Crop Rotations

START YEAR
2008

PROJECT: Hill Crest Dairy
 PROJECT NO.: 238-04009
 COMPUTATION BY: 0 DATE: 8/16/10
 CHECKED BY: DATE:

FIELD NAME	ACRES	Crop Rotations and Yields															
		2006		2007		2008		2009		2010		2011		2012		2013	
		SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL
Inwood North 2 (T4186-2)	-0.02		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 2 (T4186-2) (A)	40.29		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 1 (T4185-1B)	3.2		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 1 (T4185-1B) (A)	37.7		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 2 (T4185-1A)	40		Corn Silage		Corn Silage		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 3 (T4185-2)	2.66		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 3 (T4185-3)	13.75		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 4 (T4185-4)	31.75		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 5 (T4185-5)	4.7		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 6 (T4185-6)	38.05		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 7 (T4185-7)	20.38		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 8 (T4185-8)	4.22		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 10 (T4185-10)	6.09		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood North 11 (T4185-11)	58.55		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 1 (T4187-1E)	73.6		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Beans
Inwood South 2 (T4187-1W)	15.2		Beans		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 2 (T4187-1W) (A)	69.8		Corn Silage		Corn Silage		Alfalfa Hay		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 2 (T4187-2)	4.16		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 2 (T4187-2) (A)	0.2		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 3 (T4187-3)	2.33		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 4 (T4187-4)	0.77		Corn Silage		Alfalfa Hay		Corn Silage		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay
Inwood South 5 (T4187-5)	2.92		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 5 (T4187-5) (A)	0.5		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 1S (T4660-1A)	4.8		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Corn Silage	Wheat Straw	Corn Silage		Corn Silage		Beans
Inwood South 1S (T4660-1A) (A)	32.8		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Corn Silage	Wheat Straw	Corn Silage		Corn Silage		Beans
Inwood South 1SB (T4660-1B)	14.4		Corn Silage		Corn Silage		Alfalfa Hay		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 2S (T4660-2)	5.47		Corn Silage		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay
Inwood South 3S (T4660-3)	1.84		Corn Silage		Corn Silage		Alfalfa Hay		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 4S (T4660-4A)	26		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 4SB (T4660-4B)	0.04		Corn Silage		Alfalfa Hay		Corn Silage		Corn Silage		Corn Silage		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay
Inwood South 4SB (T4660-4B) (A)	7.36		Corn Silage		Alfalfa Hay		Corn Silage		Corn Silage		Corn Silage		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay
Inwood South 5S (T4660-5)	3.2		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage
Inwood South 5S (T4660-5) (A)	1.7		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Beans
Inwood South 6S (T4660-6)	2.1		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Beans
Inwood South 6S (T4660-6) (A)	1		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Beans
Inwood South 7SB (T4660-7B)	42.3		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Beans
Inwood South 7SB (T4660-7B) (A)	4.7		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Corn Silage		Beans
Inwood South 7SN (T4660-7N)	0		Alfalfa Hay		Alfalfa Hay	Wheat Straw	Corn Silage		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay
Inwood South 7SN (T4660-7N) (A)	5		Alfalfa Hay		Alfalfa Hay	Wheat Straw	Corn Silage		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay
Inwood South 7SC (T4660-7C)	5		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Beans
Inwood Farms (T4271-1)	6.51		Corn Silage		Beans		Corn Silage		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Beans
Inwood Farms (T4271-1) (A)	2.5		Corn Silage		Beans		Corn Silage		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Beans
Inwood Farms (T4271-2)	3.89		Corn Silage		Beans		Corn Silage		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Beans
Inwood Farms (T4271-3)	8.85		Corn Silage		Beans		Corn Silage		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Beans
Inwood Farms (T4271-4)	6.02		Corn Silage		Beans		Corn Silage		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Beans
Inwood Farms (T4271-5)	2.83		Corn Silage		Beans		Corn Silage		Corn Silage		Beans	Wheat Straw	Corn Silage		Corn Silage		Beans
Zeller's Crest (T1815-1)	37.68	Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay	
Zeller's Crest (T1815-1) (A)	7.3	Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay	
Zeller's Crest (T1815-2)	11.75	heat Grain-Straw		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay	
Zeller's Crest (T1815-3)	13.89	heat Grain-Straw		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay	
65 Acres 1 (T4188-1)	33.68	Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay	
65 Acres 2 (T4188-2)	0.32	Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay	
65 Acres 3 (T4188-3)	10.71	Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay	
65 Acres (T4659-2)	12.5	Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay	
65 Acres (T4659-4)	6.96	Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay		Alfalfa Hay	

Corn Grain																	
Corn Silage		417.86		485.67		527.6		647.87		612.27		640.47		640.47		441.87	
Corn Stover																	
Soybeans Grain																	
Oats Grain																	
Oats Straw																	
Wheat Grain																	
Wheat Straw						129.2						73.2					
Wheat Silage																	
Sorghum Grain																	
Sorghum Silage																	
Sorghum Sudan																	
Sudex																	
Alfalfa Hay	109.15	5	134.79	18.64	134.79	91.51	134.79	11.24	134.79	11.24	134.79	18.64	134.79	18.64	134.79	18.64	
Alfalfa Grass																	
Clover Hay																	
Brumuda Grass																	
CRP Grass																	
Prasture Grass																	
Small Grain Hay																	
Rye																	
Rye Cover																	
OTHER																	
TOTAL	109.15	422.86	134.79	504.31	263.99	619.11	134.79	659.11	134.79	623.51	207.99	659.11	134.79	659.11	134.79	460.51	



Five Year Manure Management Plan

CROP YEAR 2008		2005 ORGANIC N APPLIED #/ACRE	2006 ORGANIC N APPLIED #/ACRE	2007 ORGANIC N APPLIED #/ACRE	2007 CROP	2008 SPRING CROP	2008 FALL CROP	SPRING YIELD GOAL UNITS/ACRE	FALL YIELD GOAL UNITS/ACRE	SPRING NITROGEN UPTAKE lb/UNITS	FALL NITROGEN UPTAKE lb/UNITS	PAN UPTAKE GOAL lb/ACRE	PREVIOUS CROP N CREDIT lb/ACRE	PREVIOUS 3RD YR CREDIT lb/ACRE	PREVIOUS 2ND YR CREDIT lb/ACRE	PREVIOUS 1ST YR CREDIT lb/ACRE	2008 MANURE PAN lb/ACRE	2008 TOTAL PAN lb/ACRE	1 DAIRY ANAEROBIC LIQUID	2 DAIRY SOLIDS SOLID	3 DAIRY ANAEROBIC LIQUID	
Inwood North 2 (T4186-2)	0				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood North 2 (T4186-2) (A)	40				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood North 1 (T4185-1B)	3				Corn Silage		Corn Silage	26	26	7.5	7.5	195					68	(127)		64		
Inwood North 1 (T4185-1B) (A)	38				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood North 2 (T4185-1A)	40			31	Corn Silage		Beans	0	0	0.0	0.0	0				16	68	84		800		
Inwood North 3 (T4185-2)	3				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood North 3 (T4185-3)	14			31	Corn Silage		Corn Silage	26	26	7.5	7.5	195				16	68	(112)		275		
Inwood North 4 (T4185-4)	32			31	Corn Silage		Corn Silage	26	26	7.5	7.5	195				16	68	(112)		635		
Inwood North 5 (T4185-5)	5			31	Corn Silage		Corn Silage	26	26	7.5	7.5	195				16	68	(112)		94		
Inwood North 6 (T4185-6)	38				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood North 7 (T4185-7)	20			31	Corn Silage		Corn Silage	26	26	7.5	7.5	195				16	164	(16)	448			
Inwood North 8 (T4185-8)	4				Corn Silage		Corn Silage	26	26	7.5	7.5	195					17	(178)		21		
Inwood North 10 (T4185-10)	6			31	Corn Silage		Corn Silage	26	26	7.5	7.5	195				16	164	(16)	134			
Inwood North 11 (T4185-11)	58.55				Corn Silage		Corn Silage	26	26	7.5	7.5	195					17	(178)		293		
Inwood South 1 (T4187-1E)	73.60			31	Beans	Wheat Straw	Corn Silage	5	26	13.0	7.5	260				16	164	(81)	1619			
Inwood South 2 (T4187-1W)	15.20				Corn Silage		Corn Silage	26	26	7.5	7.5	195					17	(178)		76		
Inwood South 2 (T4187-1W) (A)	69.80				Corn Silage		Alfalfa Hay				45.0	0						0				
Inwood South 2 (T4187-2)	4.16			31	Corn Silage		Corn Silage	26	26	7.5	7.5	195				16	223	44	125			
Inwood South 2 (T4187-2) (A)	0				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 3 (T4187-3)	2			31	Corn Silage		Corn Silage	26	26	7.5	7.5	195				16	164	(16)	51			
Inwood South 4 (T4187-4)	1				Alfalfa Hay		Corn Silage	26	26	7.5	7.5	195	50				17	(128)		4		
Inwood South 5 (T4187-5)	3			31	Corn Silage		Corn Silage	26	26	7.5	7.5	195				16	187	8			88	
Inwood South 5 (T4187-5) (A)	1				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 1S (T4660-1A)	5			31	Beans	Wheat Straw	Corn Silage	5	26	13.0	7.5	260				16	164	(81)	106			
Inwood South 1S (T4660-1A) (A)	33				Beans	Wheat Straw	Corn Silage	5	26	13.0	7.5	260						(260)				
Inwood South 1SB (T4660-1B)	14				Corn Silage		Alfalfa Hay				45.0	0						0				
Inwood South 2S (T4660-2)	5			31	Alfalfa Hay		Alfalfa Hay				45.0	0	50			16	68	134		109		
Inwood South 3S (T4660-3)	2				Corn Silage		Alfalfa Hay				45.0	0						0				
Inwood South 4S (T4660-4A)	26			31	Corn Silage		Corn Silage	26	26	7.5	7.5	195				16		(180)				
Inwood South 4SB (T4660-4B)	0			31	Alfalfa Hay		Corn Silage	26	26	7.5	7.5	195	50			16		(130)				
Inwood South 4SB (T4660-4B) (A)	7				Alfalfa Hay		Corn Silage	26	26	7.5	7.5	195	50					(145)				
Inwood South 5S (T4660-5)	3				Beans	Wheat Straw	Corn Silage	5	26	13.0	7.5	260						(260)				
Inwood South 5S (T4660-5) (A)	1.70				Beans	Wheat Straw	Corn Silage	5	26	13.0	7.5	260						(260)				
Inwood South 6S (T4660-6)	2				Beans	Wheat Straw	Corn Silage	5	26	13.0	7.5	260					17	(243)		11		
Inwood South 6S (T4660-6) (A)	1.00				Beans	Wheat Straw	Corn Silage	5	26	13.0	7.5	260						(260)				
Inwood South 7SB (T4660-7B)	42.30			33	Corn Silage		Corn Silage	26	26	7.5	7.5	195				17	194	16	1100			
Inwood South 7SB (T4660-7B) (A)	4.70				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 7SN (T4660-7N)	0.00			33	Alfalfa Hay	Wheat Straw	Corn Silage	5	26	13.0	7.5	260	50			17		(194)				
Inwood South 7SN (T4660-7N) (A)	5.00				Alfalfa Hay	Wheat Straw	Corn Silage	5	26	13.0	7.5	260	50					(210)				
Inwood South 7SC (T4660-7C)	5.00			33	Beans	Wheat Straw	Corn Silage	5	26	13.0	7.5	260				17	164	(80)	110			
Inwood Farms (T4271-1)	6.51				Beans		Corn Silage	28	28	7.5	7.5	210					17	(193)		33		
Inwood Farms (T4271-1) (A)	2.50				Beans		Corn Silage	28	28	7.5	7.5	210						(210)				
Inwood Farms (T4271-2)	3.89				Beans		Corn Silage	28	28	7.5	7.5	210						(210)				
Inwood Farms (T4271-3)	8.85				Beans		Corn Silage	18	18	7.5	7.5	135				194	59	230				
Inwood Farms (T4271-4)	6.02				Beans		Corn Silage	26	26	7.5	7.5	195				17		(178)		30		
Inwood Farms (T4271-5)	2.83				Beans		Corn Silage	18	18	7.5	7.5	135						(135)				
Zeller's Crest (T1815-1)	37.68				Alfalfa Hay	Alfalfa Hay			45.0	45.0	45.0	0	50			194	244	980				
Zeller's Crest (T1815-1) (A)	7.30				Alfalfa Hay	Alfalfa Hay			45.0	45.0	45.0	0	50					50				
Zeller's Crest (T1815-2)	11.75				Alfalfa Hay	Alfalfa Hay			45.0	45.0	45.0	0	50					50				
Zeller's Crest (T1815-3)	13.89			29	Alfalfa Hay	Alfalfa Hay			45.0	45.0	45.0	0	50			15	164	229	306			
65 Acres 1 (T4188-1)	33.68				Alfalfa Hay	Alfalfa Hay			45.0	45.0	45.0	0	50				27	77		269		
65 Acres 2 (T4188-2)	0.32				Alfalfa Hay	Alfalfa Hay			45.0	45.0	45.0	0	50					50				
65 Acres 3 (T4188-3)	10.71				Alfalfa Hay	Alfalfa Hay			45.0	45.0	45.0	0	50					50				
65 Acres (T4659-2)	12.50				Alfalfa Hay	Alfalfa Hay			45.0	45.0	45.0	0	50					50				
65 Acres (T4659-4)	6.96				Alfalfa Hay	Alfalfa Hay			45.0	45.0	45.0	0	50					50				
TOTAL																				5208.36	2713.69	87.60
																				10291.64	2186.31	4912.40



Five Year Manure Management Plan

CROP YEAR	2009	2006	2007	2008	2008	2009	2009	SPRING	FALL	SPRING	FALL	PAN	PREVIOUS	PREVIOUS	PREVIOUS	MANURE	2009	2009	1	2	3		
																						ORGANIC N	ORGANIC N
FIELD #	ACRES	APPLIED	APPLIED	APPLIED	CROP	SPRING	FALL	YIELD	YIELD	NITROGEN	NITROGEN	UPTAKE	CROP	3RD YR	2ND YR	1ST YR	MANURE	TOTAL	DAIRY	DAIRY	DAIRY		
		#/ACRE	#/ACRE	#/ACRE		CROP	CROP	UNITS/ACRE	UNITS/ACRE	lb/UNITS	lb/UNITS	lb/ACRE	N CREDIT	lb/ACRE	lb/ACRE	lb/ACRE	lb/ACRE	lb/ACRE	ANAEROBIC	SOLIDS	ANAEROBIC		
Inwood North 2 (T4186-2)	-0.02				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood North 2 (T4186-2) (A)	40.29				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood North 1 (T4185-1B)	3.20			22	Corn Silage		Corn Silage	26	7.5	195						11		(184)					
Inwood North 1 (T4185-1B) (A)	37.70				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood North 2 (T4185-1A)	40.00	31		22	Beans		Corn Silage	26	7.5	195					8	11	140	(36)			900		
Inwood North 3 (T4185-2)	2.66				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood North 3 (T4185-3)	13.75	31		22	Corn Silage		Corn Silage	26	7.5	195					8	11		(176)					
Inwood North 4 (T4185-4)	31.75	31		22	Corn Silage		Corn Silage	26	7.5	195					8	11	84	(92)			794		
Inwood North 5 (T4185-5)	4.70	31		22	Corn Silage		Corn Silage	26	7.5	195					8	11	84	(92)			118		
Inwood North 6 (T4185-6)	38.05				Corn Silage		Corn Silage	26	7.5	195							84	(111)			951		
Inwood North 7 (T4185-7)	20.38	31		51	Corn Silage		Corn Silage	26	7.5	195					8	26	137	(25)	375				
Inwood North 8 (T4185-8)	4.22			6	Corn Silage		Corn Silage	26	7.5	195						3	34	(158)			42		
Inwood North 10 (T4185-10)	6.09	31		51	Corn Silage		Corn Silage	26	7.5	195					8	26	112	(50)	91				
Inwood North 11 (T4185-11)	58.55			6	Corn Silage		Corn Silage	26	7.5	195						3	34	(158)			586		
Inwood South 1 (T4187-1E)	73.60	31		51	Corn Silage		Corn Silage	26	7.5	195					8	26	206	44	2039				
Inwood South 2 (T4187-1W)	15.20			6	Corn Silage		Corn Silage	26	7.5	195						3	34	(158)			152		
Inwood South 2 (T4187-1W) (A)	69.80				Alfalfa Hay		Corn Silage	26	7.5	195		50						(145)					
Inwood South 2 (T4187-2)	4.16	31		69	Corn Silage		Corn Silage	26	7.5	195					8	35	137	(16)	77				
Inwood South 2 (T4187-2) (A)	0.20				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood South 3 (T4187-3)	2.33	31		51	Corn Silage		Corn Silage	26	7.5	195					8	26	192	30	60				
Inwood South 4 (T4187-4)	0.77			6	Corn Silage		Alfalfa Hay		45.0	0						3	34	37			8		
Inwood South 5 (T4187-5)	2.92	31		69	Corn Silage		Corn Silage	26	7.5	195					8	35	164	11	64				
Inwood South 5 (T4187-5) (A)	0.50				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood South 1S (T4660-1A)	4.80	31		51	Corn Silage		Corn Silage	26	7.5	195					8	26	164	2	106				
Inwood South 1S (T4660-1A) (A)	32.80				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood South 1SB (T4660-1B)	14.40				Alfalfa Hay		Corn Silage	26	7.5	195		50						(145)					
Inwood South 2S (T4660-2)	5.47	31		22	Alfalfa Hay		Alfalfa Hay		45.0	0		50		8	11	74	143			120			
Inwood South 3S (T4660-3)	1.84				Alfalfa Hay		Corn Silage	26	7.5	195		50						(145)					
Inwood South 4S (T4660-4A)	26.00	31			Corn Silage		Corn Silage	26	7.5	195					8		112	(75)	390				
Inwood South 4SB (T4660-4B)	0.04	31			Corn Silage		Corn Silage	26	7.5	195					8		126	(61)			2		
Inwood South 4SB (T4660-4B) (A)	7.36				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood South 5S (T4660-5)	3.20				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood South 5S (T4660-5) (A)	1.70				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood South 6S (T4660-6)	2.10			6	Corn Silage		Corn Silage	26	7.5	195						3		(192)					
Inwood South 6S (T4660-6) (A)	1.00				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood South 7SB (T4660-7B)	42.30	33		60	Corn Silage		Corn Silage	26	7.5	195					8	30	78	(79)			973		
Inwood South 7SB (T4660-7B) (A)	4.70				Corn Silage		Corn Silage	26	7.5	195								(195)					
Inwood South 7SN (T4660-7N)	0.00	33			Corn Silage		Alfalfa Hay		45.0	0				8			8						
Inwood South 7SN (T4660-7N) (A)	5.00				Corn Silage		Alfalfa Hay		45.0	0								0					
Inwood South 7SC (T4660-7C)	5.00	33		51	Corn Silage		Corn Silage	26	7.5	195					8	26	99	(62)			147		
Inwood Farms (T4271-1)	6.51			6	Corn Silage		Corn Silage	28	7.5	210						3		(207)					
Inwood Farms (T4271-1) (A)	2.50				Corn Silage		Corn Silage	28	7.5	210								(210)					
Inwood Farms (T4271-2)	3.89				Corn Silage		Corn Silage	28	7.5	210								(210)					
Inwood Farms (T4271-3)	8.85			60	Corn Silage		Corn Silage	18	7.5	135						30	108	3			283		
Inwood Farms (T4271-4)	6.02			6	Corn Silage		Corn Silage	26	7.5	195						3		(192)					
Inwood Farms (T4271-5)	2.83				Corn Silage		Corn Silage	18	7.5	135								(135)					
Zeller's Crest (T1815-1)	37.68			60	Alfalfa Hay	Alfalfa Hay		45.0	45.0	0		50				30	101	181			1130		
Zeller's Crest (T1815-1) (A)	7.30				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0		50						50					
Zeller's Crest (T1815-2)	11.75				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0		50						50					
Zeller's Crest (T1815-3)	13.89	29		51	Alfalfa Hay	Alfalfa Hay		45.0	45.0	0		50		7	26	127	210		236				
65 Acres 1 (T4188-1)	33.68			9	Alfalfa Hay	Alfalfa Hay		45.0	45.0	0		50				5		55					
65 Acres 2 (T4188-2)	0.32				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0		50						50					
65 Acres 3 (T4188-3)	10.71				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0		50						50					
65 Acres (T4659-2)	12.50				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0		50						50					
65 Acres (T4659-4)	6.96				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0		50					127	177	118				
																			TOTAL		3556.01	5304.74	900.00
																					11943.99	-404.74	4100.00



Five Year Manure Management Plan

CROP YEAR	2007	2008	2009	2009	2010	2010	SPRING	FALL	SPRING	FALL	PAN	PREVIOUS	PREVIOUS	PREVIOUS	2010	2010	1	2	3		
2010	ORGANIC N	ORGANIC N	ORGANIC N	CROP	SPRING	FALL	YIELD	YIELD	NITROGEN	NITROGEN	UPTAKE	CROP	3RD YR	2ND YR	1ST YR	MANURE	TOTAL	DAIRY	DAIRY	DAIRY	
FIELD #	APPLIED	APPLIED	APPLIED		CROP	CROP	GOAL	GOAL	UPTAKE	UPTAKE	GOAL	N CREDIT	CREDIT	CREDIT	CREDIT	PAN	PAN	ANAEROBIC	DAIRY	DAIRY	
ACRES	#/ACRE	#/ACRE	#/ACRE				UNITS/ACRE	UNITS/ACRE	lb/UNITS	lb/UNITS	lb/ACRE	lb/ACRE	lb/ACRE	lb/ACRE	lb/ACRE	lb/ACRE	lb/ACRE	LIQUID	SOLIDS	ANAEROBIC	
Inwood North 2 (T4186-2)	-0.02			Corn Silage		Corn Silage	26	7.5	195								(195)				
Inwood North 2 (T4186-2) (A)	40.29			Corn Silage		Corn Silage	26	7.5	195								(195)				
Inwood North 1 (T4185-1B)	3.20	22		Corn Silage		Corn Silage	26	7.5	195					6			(190)				
Inwood North 1 (T4185-1B) (A)	37.70			Corn Silage		Corn Silage	26	7.5	195								(195)				
Inwood North 2 (T4185-1A)	40.00	31	22	52	Corn Silage	Corn Silage	26	7.5	195				4	6	26	119	(41)	640			
Inwood North 3 (T4185-2)	2.66				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood North 3 (T4185-3)	13.75	31	22		Corn Silage	Corn Silage	26	7.5	195				4	6		119	(67)	220			
Inwood North 4 (T4185-4)	31.75	31	22	27	Corn Silage	Corn Silage	26	7.5	195				4	6	14	119	(53)	508			
Inwood North 5 (T4185-5)	4.70	31	22	27	Corn Silage	Corn Silage	26	7.5	195				4	6	14	119	(53)	75			
Inwood North 6 (T4185-6)	38.05			27	Corn Silage	Corn Silage	26	7.5	195						14		(182)				
Inwood North 7 (T4185-7)	20.38	31	51	42	Corn Silage	Corn Silage	26	7.5	195				4	13	21	107	(50)		673		
Inwood North 8 (T4185-8)	4.22			11	Corn Silage	Corn Silage	26	7.5	195						6		(188)				
Inwood North 10 (T4185-10)	6.09	31	51	35	Corn Silage	Corn Silage	26	7.5	195				4	13	18	142	(19)	116			
Inwood North 11 (T4185-11)	58.55			11	Corn Silage	Corn Silage	26	7.5	195						6		(188)				
Inwood South 1 (T4187-1E)	73.60	31	51	64	Corn Silage	Corn Silage	26	7.5	195				4	13	32	119	(27)	1178			
Inwood South 2 (T4187-1W)	15.20			11	Corn Silage	Corn Silage	26	7.5	195						6		(188)				
Inwood South 2 (T4187-1W) (A)	69.80				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 2 (T4187-2)	4.16	31	69	42	Corn Silage	Corn Silage	26	7.5	195				4	17	21	134	(19)	75			
Inwood South 2 (T4187-2) (A)	0.20				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 3 (T4187-3)	2.33	31	51	59	Corn Silage	Corn Silage	26	7.5	195				4	13	30	134	(15)	42			
Inwood South 4 (T4187-4)	0.77			11	Alfalfa Hay	Alfalfa Hay		45.0	0	50			2	6			57				
Inwood South 5 (T4187-5)	2.92	31	69	51	Corn Silage	Corn Silage	26	7.5	195				4	17	26	104	(44)	41			
Inwood South 5 (T4187-5) (A)	0.50				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 1S (T4660-1A)	4.80	31	51	51	Corn Silage	Corn Silage	26	7.5	195				4	13	26	134	(19)	86			
Inwood South 1S (T4660-1A) (A)	32.80				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 1SB (T4660-1B)	14.40				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 2S (T4660-2)	5.47	31	22	24	Alfalfa Hay	Alfalfa Hay		45.0	0	50			4	6	12	72	143		120		
Inwood South 3S (T4660-3)	1.84				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 4S (T4660-4A)	26.00	31		35	Corn Silage	Corn Silage	26	7.5	195				4		18	112	(62)	390			
Inwood South 4SB (T4660-4B)	0.04	31		41	Corn Silage	Corn Silage	26	7.5	195				4		21	122	(49)		2		
Inwood South 4SB (T4660-4B) (A)	7.36				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 5S (T4660-5)	3.20				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 5S (T4660-5) (A)	1.70				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 6S (T4660-6)	2.10		6		Corn Silage	Corn Silage	26	7.5	195						2		(194)				
Inwood South 6S (T4660-6) (A)	1.00				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 7SB (T4660-7B)	42.30	33	60	25	Corn Silage	Corn Silage	26	7.5	195				4	15	13	75	(88)		973		
Inwood South 7SB (T4660-7B) (A)	4.70				Corn Silage	Corn Silage	26	7.5	195								(195)				
Inwood South 7SN (T4660-7N)	0.00	33			Alfalfa Hay	Alfalfa Hay		45.0	0	50			4				54				
Inwood South 7SN (T4660-7N) (A)	5.00				Alfalfa Hay	Alfalfa Hay		45.0	0	50							50				
Inwood South 7SC (T4660-7C)	5.00	33	51	32	Corn Silage	Beans	0	0.0	0				4	13	16	95	128		147		
Inwood Farms (T4271-1)	6.51		6		Corn Silage	Beans	0	0.0	0						2		2				
Inwood Farms (T4271-1) (A)	2.50				Corn Silage	Beans	0	0.0	0								0				
Inwood Farms (T4271-2)	3.89				Corn Silage	Beans	0	0.0	0								0				
Inwood Farms (T4271-3)	8.85		60	35	Corn Silage	Beans	0	0.0	0						15	18	33				
Inwood Farms (T4271-4)	6.02		6		Corn Silage	Beans	0	0.0	0						2		2				
Inwood Farms (T4271-5)	2.83				Corn Silage	Beans	0	0.0	0								0				
Zeller's Crest (T1815-1)	37.68		60	33	Alfalfa Hay	Alfalfa Hay		45.0	45.0	0	50			15	17		82				
Zeller's Crest (T1815-1) (A)	7.30				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0	50						50				
Zeller's Crest (T1815-2)	11.75				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0	50						50				
Zeller's Crest (T1815-3)	13.89	29	51	39	Alfalfa Hay	Alfalfa Hay		45.0	45.0	0	50		4	13	20	127	213	236			
65 Acres 1 (T4188-1)	33.68		9		Alfalfa Hay	Alfalfa Hay		45.0	45.0	0	50				2		52				
65 Acres 2 (T4188-2)	0.32				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0	50						50				
65 Acres 3 (T4188-3)	10.71				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0	50						50				
65 Acres (T4659-2)	12.50				Alfalfa Hay	Alfalfa Hay		45.0	45.0	0	50						50				
65 Acres (T4659-4)	6.96			39	Alfalfa Hay	Alfalfa Hay		45.0	45.0	0	50					20	127	197	118		
TOTAL																			3725.06	1913.78	5000.00
																			11774.94	2986.22	



Five Year Manure Management Plan

CROP YEAR 2011	2008 ORGANIC N APPLIED #/ACRE	2009 ORGANIC N APPLIED #/ACRE	2010 ORGANIC N APPLIED #/ACRE	2010 CROP	2011 SPRING CROP	2011 FALL CROP	SPRING YIELD GOAL UNITS/ACRE	FALL YIELD GOAL UNITS/ACRE	SPRING NITROGEN UPTAKE lb/UNITS	FALL NITROGEN UPTAKE lb/UNITS	PAN UPTAKE GOAL lb/ACRE	PREVIOUS CROP N CREDIT lb/ACRE	PREVIOUS 3RD YR CREDIT lb/ACRE	PREVIOUS 2ND YR CREDIT lb/ACRE	PREVIOUS 1ST YR CREDIT lb/ACRE	2011 MANURE PAN lb/ACRE	2011 TOTAL PAN lb/ACRE	1 DAIRY ANAEROBIC LIQUID	2 DAIRY SOLIDS SOLID	3 DAIRY ANAEROBIC LIQUID	
Inwood North 2 (T4186-2)	-0.02			Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood North 2 (T4186-2) (A)	40.29			Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood North 1 (T4185-1B)	3.20	22		Corn Silage		Corn Silage	26	26	7.5	7.5	195		3				(192)				
Inwood North 1 (T4185-1B) (A)	37.70			Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood North 2 (T4185-1A)	40.00	22	52	37	Corn Silage	Corn Silage	26	26	7.5	7.5	195		3	13	19	144	(17)	640			
Inwood North 3 (T4185-2)	2.66			Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood North 3 (T4185-3)	13.75	22		37	Corn Silage	Corn Silage	26	26	7.5	7.5	195		3		19	144	(30)	220			
Inwood North 4 (T4185-4)	31.75	22	27	37	Corn Silage	Corn Silage	26	26	7.5	7.5	195		3	7	19	144	(23)	508			
Inwood North 5 (T4185-5)	4.70	22	27	37	Corn Silage	Corn Silage	26	26	7.5	7.5	195		3	7	19	144	(23)	75			
Inwood North 6 (T4185-6)	38.05		27		Corn Silage	Corn Silage	26	26	7.5	7.5	195			7			(188)				
Inwood North 7 (T4185-7)	20.38	51	42	38	Corn Silage	Corn Silage	26	26	7.5	7.5	195		6	11	19	107	(52)		673		
Inwood North 8 (T4185-8)	4.22	6	11		Corn Silage	Corn Silage	26	26	7.5	7.5	195		1	3			(192)				
Inwood North 10 (T4185-10)	6.09	51	35	44	Corn Silage	Corn Silage	26	26	7.5	7.5	195		6	9	22	170	(12)	116			
Inwood North 11 (T4185-11)	58.55	6	11		Corn Silage	Corn Silage	26	26	7.5	7.5	195		1	3			(192)				
Inwood South 1 (T4187-1E)	73.60	51	64	37	Corn Silage	Corn Silage	26	26	7.5	7.5	195		6	16	19	144	(10)	1178			
Inwood South 2 (T4187-1W)	15.20	6	11		Corn Silage	Corn Silage	26	26	7.5	7.5	195		1	3			(192)				
Inwood South 2 (T4187-1W) (A)	69.80				Corn Silage	Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 2 (T4187-2)	4.16	69	42	42	Corn Silage	Corn Silage	26	26	7.5	7.5	195		9	11	21	161	(6)	75			
Inwood South 2 (T4187-2) (A)	0.20				Corn Silage	Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 3 (T4187-3)	2.33	51	59	42	Corn Silage	Corn Silage	26	26	7.5	7.5	195		6	15	21	161	(8)	42			
Inwood South 4 (T4187-4)	0.77	6	11		Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50	1	3			(54)				
Inwood South 5 (T4187-5)	2.92	69	51	32	Corn Silage	Corn Silage	26	26	7.5	7.5	195		9	13	16	126	(32)	41			
Inwood South 5 (T4187-5) (A)	0.50				Corn Silage	Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 1S (T4660-1A)	4.80	51	51	42	Corn Silage	Wheat Straw	5	26	13.0	7.5	260		6	13	21	161	(59)	86			
Inwood South 1S (T4660-1A) (A)	32.80				Corn Silage	Wheat Straw	5	26	13.0	7.5	260						(260)				
Inwood South 1SB (T4660-1B)	14.40				Corn Silage	Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 2S (T4660-2)	5.47	22	24	26	Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50	3	6	13	72	(144)		120		
Inwood South 3S (T4660-3)	1.84				Corn Silage	Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 4S (T4660-4A)	26.00		35	35	Corn Silage	Corn Silage	26	26	7.5	7.5	195			9	18	135	(34)	390			
Inwood South 4SB (T4660-4B)	0.04		41	44	Corn Silage	Alfalfa Hay			45.0	45.0	0			10	22	122	(154)		2		
Inwood South 4SB (T4660-4B) (A)	7.36				Corn Silage	Alfalfa Hay			45.0	45.0	0						(0)				
Inwood South 5S (T4660-5)	3.20				Corn Silage	Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 5S (T4660-5) (A)	1.70				Corn Silage	Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 6S (T4660-6)	2.10	6			Corn Silage	Corn Silage	26	26	7.5	7.5	195		1				(194)				
Inwood South 6S (T4660-6) (A)	1.00				Corn Silage	Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 7SB (T4660-7B)	42.30	60	25	27	Corn Silage	Corn Silage	26	26	7.5	7.5	195		8	6	14	75	(93)		973		
Inwood South 7SB (T4660-7B) (A)	4.70				Corn Silage	Corn Silage	26	26	7.5	7.5	195						(195)				
Inwood South 7SN (T4660-7N)	0.00				Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50					(50)				
Inwood South 7SN (T4660-7N) (A)	5.00				Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50					(50)				
Inwood South 7SC (T4660-7C)	5.00	51	32	34	Beans	Wheat Straw	5	26	13.0	7.5	260		6	8	17	95	(134)		147		
Inwood Farms (T4271-1)	6.51	6			Beans	Wheat Straw	5	28	13.0	7.5	275		1				(274)				
Inwood Farms (T4271-1) (A)	2.50				Beans	Wheat Straw	5	28	13.0	7.5	275						(275)				
Inwood Farms (T4271-2)	3.89				Beans	Wheat Straw	5	28	13.0	7.5	275						(275)				
Inwood Farms (T4271-3)	8.85	60	35		Beans	Wheat Straw	5	18	13.0	7.5	200		8	9		104	(80)		283		
Inwood Farms (T4271-4)	6.02	6			Beans	Wheat Straw	5	26	13.0	7.5	260		1				(259)				
Inwood Farms (T4271-5)	2.83				Beans	Wheat Straw	5	18	13.0	7.5	200						(200)				
Zeller's Crest (T1815-1)	37.68	60	33		Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50	8	8		98	(164)		1130		
Zeller's Crest (T1815-1) (A)	7.30				Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50					(50)				
Zeller's Crest (T1815-2)	11.75				Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50					(50)				
Zeller's Crest (T1815-3)	13.89	51	39	39	Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50	6	10	20	153	(239)	236			
65 Acres 1 (T4188-1)	33.68	9			Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50	1				(51)				
65 Acres 2 (T4188-2)	0.32				Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50					(50)				
65 Acres 3 (T4188-3)	10.71				Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50					(50)				
65 Acres (T4659-2)	12.50				Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50					(50)				
65 Acres (T4659-4)	6.96		39	39	Alfalfa Hay	Alfalfa Hay			45.0	45.0	0	50		10	20	153	(232)	118			
TOTAL																		3725.06	3327.38	5000.00	
																		14774.94	1572.62		



Five Year Manure Management Plan

CROP YEAR 2012		2009 ORGANIC N APPLIED #/ACRE	2010 ORGANIC N APPLIED #/ACRE	2011 ORGANIC N APPLIED #/ACRE	2011 CROP	2012 SPRING CROP	2012 FALL CROP	SPRING YIELD GOAL UNITS/ACRE	FALL YIELD GOAL UNITS/ACRE	SPRING NITROGEN UPTAKE lb/UNITS	FALL NITROGEN UPTAKE lb/UNITS	PAN UPTAKE GOAL lb/ACRE	PREVIOUS CROP N CREDIT lb/ACRE	PREVIOUS 3RD YR CREDIT lb/ACRE	PREVIOUS 2ND YR CREDIT lb/ACRE	PREVIOUS 1ST YR CREDIT lb/ACRE	2012 MANURE PAN lb/ACRE	2012 TOTAL PAN lb/ACRE	1 DAIRY ANAEROBIC LIQUID	2 DAIRY SOLIDS SOLID	3 DAIRY ANAEROBIC LIQUID																	
FIELD #	ACRES																																					
Inwood North 2 (T4186-2)	-0.02				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 2 (T4186-2) (A)	40.29				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 1 (T4185-1B)	3.20				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 1 (T4185-1B) (A)	37.70				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 2 (T4185-1A)	40.00	52	37	37	Corn Silage		Corn Silage	26	26	7.5	7.5	195		7	9	19	144	(17)	640																			
Inwood North 3 (T4185-2)	2.66				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 3 (T4185-3)	13.75		37	37	Corn Silage		Corn Silage	26	26	7.5	7.5	195			9	19	144	(23)	220																			
Inwood North 4 (T4185-4)	31.75	27	37	37	Corn Silage		Corn Silage	26	26	7.5	7.5	195		3	9	19	144	(20)	508																			
Inwood North 5 (T4185-5)	4.70	27	37	37	Corn Silage		Corn Silage	26	26	7.5	7.5	195		3	9	19	144	(20)	75																			
Inwood North 6 (T4185-6)	38.05	27			Corn Silage		Corn Silage	26	26	7.5	7.5	195		3				(192)																				
Inwood North 7 (T4185-7)	20.38	42	38	38	Corn Silage		Corn Silage	26	26	7.5	7.5	195		5	10	19	107	(54)		673																		
Inwood North 8 (T4185-8)	4.22	11			Corn Silage		Corn Silage	26	26	7.5	7.5	195		1				(194)																				
Inwood North 10 (T4185-10)	6.09	35	44	44	Corn Silage		Corn Silage	26	26	7.5	7.5	195		4	11	22	170	(12)	116																			
Inwood North 11 (T4185-11)	58.55	11			Corn Silage		Corn Silage	26	26	7.5	7.5	195		1				(194)																				
Inwood South 1 (T4187-1E)	73.60	64	37	37	Corn Silage		Corn Silage	26	26	7.5	7.5	195		8	9	19	144	(15)	1178																			
Inwood South 2 (T4187-1W)	15.20	11			Corn Silage		Corn Silage	26	26	7.5	7.5	195		1				(194)																				
Inwood South 2 (T4187-1W) (A)	69.80				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 2 (T4187-2)	4.16	42	42	42	Corn Silage		Corn Silage	26	26	7.5	7.5	195		5	11	21	161	(3)	75																			
Inwood South 2 (T4187-2) (A)	0.20				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 3 (T4187-3)	2.33	59	42	42	Corn Silage		Corn Silage	26	26	7.5	7.5	195		7	11	21	161	(5)	42																			
Inwood South 4 (T4187-4)	0.77	11			Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50	1				(51)																				
Inwood South 5 (T4187-5)	2.92	51	32	32	Corn Silage		Corn Silage	26	26	7.5	7.5	195		6	8	16	126	(39)	41																			
Inwood South 5 (T4187-5) (A)	0.50				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 1S (T4660-1A)	4.80	51	42	42	Corn Silage		Corn Silage	26	26	7.5	7.5	195		6	11	21	161	(4)	86																			
Inwood South 1S (T4660-1A) (A)	32.80				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 1SB (T4660-1B)	14.40				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 2S (T4660-2)	5.47	24	26	26	Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50	3	7	13	72	(145)		120																		
Inwood South 3S (T4660-3)	1.84				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 4S (T4660-4A)	26.00	35	35	35	Corn Silage		Corn Silage	26	26	7.5	7.5	195		4	9	18	135	(29)	390																			
Inwood South 4SB (T4660-4B)	0.04	41	44	44	Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50	5	11	22	122	(210)		2																		
Inwood South 4SB (T4660-4B) (A)	7.36				Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50					(50)																				
Inwood South 5S (T4660-5)	3.20				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 5S (T4660-5) (A)	1.70				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 6S (T4660-6)	2.10				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 6S (T4660-6) (A)	1.00				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 7SB (T4660-7B)	42.30	25	27	27	Corn Silage		Corn Silage	26	26	7.5	7.5	195		3	7	14	75	(97)		973																		
Inwood South 7SB (T4660-7B) (A)	4.70				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 7SN (T4660-7N)	0.00				Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50					(50)																				
Inwood South 7SN (T4660-7N) (A)	5.00				Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50					(50)																				
Inwood South 7SC (T4660-7C)	5.00	32	34	34	Corn Silage		Corn Silage	26	26	7.5	7.5	195		4	9	17	95	(71)		147																		
Inwood Farms (T4271-1)	6.51				Corn Silage		Corn Silage	28	28	7.5	7.5	210						(210)																				
Inwood Farms (T4271-1) (A)	2.50				Corn Silage		Corn Silage	28	28	7.5	7.5	210						(210)																				
Inwood Farms (T4271-2)	3.89				Corn Silage		Corn Silage	28	28	7.5	7.5	210						(210)																				
Inwood Farms (T4271-3)	8.85	35		37	Corn Silage		Corn Silage	18	18	7.5	7.5	135		4		19	104	(8)	283																			
Inwood Farms (T4271-4)	6.02				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood Farms (T4271-5)	2.83				Corn Silage		Corn Silage	18	18	7.5	7.5	135						(135)																				
Zeller's Crest (T1815-1)	37.68	33		35	Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50	4		18	98	(170)		1130																		
Zeller's Crest (T1815-1) (A)	7.30				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					(50)																				
Zeller's Crest (T1815-2)	11.75				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					(50)																				
Zeller's Crest (T1815-3)	13.89	39	39	39	Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50	5	10	20	153	(237)	236																			
65 Acres 1 (T4188-1)	33.68				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					(50)																				
65 Acres 2 (T4188-2)	0.32				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					(50)																				
65 Acres 3 (T4188-3)	10.71				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					(50)																				
65 Acres (T4659-2)	12.50				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					(50)																				
65 Acres (T4659-4)	6.96	39	39	39	Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50	5	10	20	153	(237)	118																			
TOTAL																																			3725.06	3327.38	5000.00	
																																				14774.94	1572.62	



Five Year Manure Management Plan

CROP YEAR 2013		2010 ORGANIC N APPLIED #/ACRE	2011 ORGANIC N APPLIED #/ACRE	2012 ORGANIC N APPLIED #/ACRE	2012 CROP	2013 SPRING CROP	2013 FALL CROP	SPRING YIELD GOAL UNITS/ACRE	FALL YIELD GOAL UNITS/ACRE	SPRING NITROGEN UPTAKE lb/UNITS	FALL NITROGEN UPTAKE lb/UNITS	PAN UPTAKE GOAL lb/ACRE	PREVIOUS CROP N CREDIT lb/ACRE	PREVIOUS 3RD YR CREDIT lb/ACRE	PREVIOUS 2ND YR CREDIT lb/ACRE	PREVIOUS 1ST YR CREDIT lb/ACRE	2013 MANURE PAN lb/ACRE	2013 TOTAL PAN lb/ACRE	1 DAIRY ANAEROBIC LIQUID	2 DAIRY SOLIDS SOLID	3 DAIRY ANAEROBIC LIQUID																	
FIELD #	ACRES																																					
Inwood North 2 (T4186-2)	-0.02				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 2 (T4186-2) (A)	40.29				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 1 (T4185-1B)	3.20				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 1 (T4185-1B) (A)	37.70				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 2 (T4185-1A)	40.00	37	37	37	Corn Silage		Corn Silage	26	26	7.5	7.5	195		5	9	19	144	(19)	640																			
Inwood North 3 (T4185-2)	2.66				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 3 (T4185-3)	13.75	37	37	37	Corn Silage		Corn Silage	26	26	7.5	7.5	195		5	9	19	144	(19)	220																			
Inwood North 4 (T4185-4)	31.75	37	37	37	Corn Silage		Corn Silage	26	26	7.5	7.5	195		5	9	19	144	(19)	508																			
Inwood North 5 (T4185-5)	4.70	37	37	37	Corn Silage		Corn Silage	26	26	7.5	7.5	195		5	9	19	144	(19)	75																			
Inwood North 6 (T4185-6)	38.05				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 7 (T4185-7)	20.38	38	38	38	Corn Silage		Corn Silage	26	26	7.5	7.5	195		5	10	19	107	(55)		673																		
Inwood North 8 (T4185-8)	4.22				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood North 10 (T4185-10)	6.09	44	44	44	Corn Silage		Corn Silage	26	26	7.5	7.5	195		6	11	22	170	14	116																			
Inwood North 11 (T4185-11)	58.55				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 1 (T4187-1E)	73.60	37	37	37	Corn Silage		Beans	0	0	0.0	0.0	0		5	9	19	144	176	1178																			
Inwood South 2 (T4187-1W)	15.20				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 2 (T4187-1W) (A)	69.80				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 2 (T4187-2)	4.16	42	42	42	Corn Silage		Corn Silage	26	26	7.5	7.5	195		5	11	21	161	3	75																			
Inwood South 2 (T4187-2) (A)	0.20				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 3 (T4187-3)	2.33	42	42	42	Corn Silage		Corn Silage	26	26	7.5	7.5	195		5	11	21	161	3	42																			
Inwood South 4 (T4187-4)	0.77				Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50					50																				
Inwood South 5 (T4187-5)	2.92	32	32	32	Corn Silage		Corn Silage	26	26	7.5	7.5	195		4	8	16	126	(41)	41																			
Inwood South 5 (T4187-5) (A)	0.50				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 1S (T4660-1A)	4.80	42	42	42	Corn Silage		Beans	0	0	0.0	0.0	0		5	11	21	161	198	86																			
Inwood South 1S (T4660-1A) (A)	32.80				Corn Silage		Beans	0	0	0.0	0.0	0						0																				
Inwood South 1SB (T4660-1B)	14.40				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 2S (T4660-2)	5.47	26	26	26	Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50	3	7	13	72	145		120																		
Inwood South 3S (T4660-3)	1.84				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 4S (T4660-4A)	26.00	35	35	35	Corn Silage		Corn Silage	26	26	7.5	7.5	195		4	9	18	135	(29)	390																			
Inwood South 4SB (T4660-4B)	0.04	44	44	44	Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50	6	11	22	122	211		2																		
Inwood South 4SB (T4660-4B) (A)	7.36				Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50					50																				
Inwood South 5S (T4660-5)	3.20				Corn Silage		Corn Silage	26	26	7.5	7.5	195						(195)																				
Inwood South 5S (T4660-5) (A)	1.70				Corn Silage		Beans	0	0	0.0	0.0	0						0																				
Inwood South 6S (T4660-6)	2.10				Corn Silage		Beans	0	0	0.0	0.0	0						0																				
Inwood South 6S (T4660-6) (A)	1.00				Corn Silage		Beans	0	0	0.0	0.0	0						0																				
Inwood South 7SB (T4660-7B)	42.30	27	27	27	Corn Silage		Beans	0	0	0.0	0.0	0		3	7	14	75	99		973																		
Inwood South 7SB (T4660-7B) (A)	4.70				Corn Silage		Beans	0	0	0.0	0.0	0						0																				
Inwood South 7SN (T4660-7N)	0.00				Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50					50																				
Inwood South 7SN (T4660-7N) (A)	5.00				Alfalfa Hay		Alfalfa Hay			45.0	45.0	0	50					50																				
Inwood South 7SC (T4660-7C)	5.00	34	34	34	Corn Silage		Beans	0	0	0.0	0.0	0		4	9	17	95	125		147																		
Inwood Farms (T4271-1)	6.51				Corn Silage		Beans	0	0	0.0	0.0	0						0																				
Inwood Farms (T4271-1) (A)	2.50				Corn Silage		Beans	0	0	0.0	0.0	0						0																				
Inwood Farms (T4271-2)	3.89				Corn Silage		Beans	0	0	0.0	0.0	0						0																				
Inwood Farms (T4271-3)	8.85		37	37	Corn Silage		Beans	0	0	0.0	0.0	0			9	19	104	132		283																		
Inwood Farms (T4271-4)	6.02				Corn Silage		Beans	0	0	0.0	0.0	0						0																				
Inwood Farms (T4271-5)	2.83				Corn Silage		Beans	0	0	0.0	0.0	0						0																				
Zeller's Crest (T1815-1)	37.68		35	35	Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50		9	18	98	174		1130																		
Zeller's Crest (T1815-1) (A)	7.30				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					50																				
Zeller's Crest (T1815-2)	11.75				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					50																				
Zeller's Crest (T1815-3)	13.89	39	39	39	Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50	5	10	20	153	237	236																			
65 Acres 1 (T4188-1)	33.68				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					50																				
65 Acres 2 (T4188-2)	0.32				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					50																				
65 Acres 3 (T4188-3)	10.71				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					50																				
65 Acres (T4659-2)	12.50				Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50					50																				
65 Acres (T4659-4)	6.96	39	39	39	Alfalfa Hay	Alfalfa Hay		45.0	45.0	45.0	45.0	0	50	5	10	20	153	237	118																			
TOTAL																																			3725.06	3327.38	5000.00	
																																				14774.94	1572.62	



COM FERT Application Rates

START YEAR 2008

PROJECT: Example
PROJECT NO.: 238-08xxx
COMPUTATION BY: xxx DATE: 8/16/10
CHECKED BY: DATE:

Table with columns for Crop Year (2008-2013), Field Name, and application rates for Spreadable and Non-Spreadable fertilizers across various sources (AA, UAN, PC, DAP).



ANNUAL NUTRIENT BALANCE

CROP YEAR 2008

FIELD #	CROP	ACRES	SOIL TEST RESULTS				AVAILABLE FROM MANURE			NEEDED BY CROP			COMMERCIAL			SOIL BALANCE			
			% OM	P	K	PH	PAN	P205	K20	PAN	P205	K20	N	P2O5	K2O	ORG N	P	K	
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02	2.3	36	348	7.4				195	70	182	159				0	28	303
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29	2.3	36	348	7.4				195	70	182					0	28	303
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2	2.5	46	386	7.1	68	42	92	195	70	182					11	43	364
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7	2.5	46	386	7.1				195	70	182	159				0	38	341
Inwood North 2 (T4185-1A)	/ Beans	40	2.5	46	386	7.1	68	42	92	0	0	0					19	51	409
Inwood North 3 (T4185-2)	/ Corn Silage	2.66	2.7	34	356	6.8				195	70	182					0	26	311
Inwood North 3 (T4185-3)	/ Corn Silage	13.75	2.5	30	328	6.6	68	42	92	195	70	182					19	27	306
Inwood North 4 (T4185-4)	/ Corn Silage	31.75	2.7	34	356	6.7	68	42	92	195	70	182					19	31	334
Inwood North 5 (T4185-5)	/ Corn Silage	4.7	2.4	18	326	7.8	68	42	92	195	70	182					19	15	304
Inwood North 6 (T4185-6)	/ Corn Silage	38.05	2.0	30	320	6.9				195	70	182					0	22	275
Inwood North 7 (T4185-7)	/ Corn Silage	20.38	2.2	39	359	7.9	164	33	247	195	70	182					33	35	375
Inwood North 8 (T4185-8)	/ Corn Silage	4.22	2.6	34	358	6.7	17	11	23	195	70	182					3	27	318
Inwood North 10 (T4185-10)	/ Corn Silage	6.09	2.5	32	359	7.5	164	33	247	195	70	182					33	28	375
Inwood North 11 (T4185-11)	/ Corn Silage	58.55	2.4	34	392	7.4	17	11	23	195	70	182					3	27	352
Inwood South 1 (T4187-1E)	Wheat Straw / Corn Silage	73.6	2.3	32	357	7.1	164	33	247	260	90	332					33	26	336
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2	2.2	32	362	7.4	17	11	23	195	70	182	59				3	25	322
Inwood South 2 (T4187-1W) (A)	/ Alfalfa Hay	69.8	2.2	32	362	7.4				0	0	0	101				0	32	362
Inwood South 2 (T4187-2)	/ Corn Silage	4.16	2.2	43	331	6.5	223	45	337	195	70	182	159				42	40	370
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2	2.2	43	331	6.5				195	70	182					0	35	286
Inwood South 3 (T4187-3)	/ Corn Silage	2.33	2.1	64	362	6.3	164	33	247	195	70	182					33	60	378
Inwood South 4 (T4187-4)	/ Corn Silage	0.77	2.3	16	250	7.0	17	11	23	145	70	182					3	9	210
Inwood South 5 (T4187-5)	/ Corn Silage	2.92	1.8	38	280	7.5	187	45	335	195	70	182					42	35	318
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5	1.8	38	280	7.5				195	70	182						30	265
Inwood South 1S (T4660-1A)	Wheat Straw / Corn Silage	4.8	2.4	39	378	7.3	164	33	247	260	90	332	42	105	140		33	44	392
Inwood South 1S (T4660-1A) (A)	Wheat Straw / Corn Silage	32.8	2.4	39	378	7.3				260	90	332					0	29	295
Inwood South 1SB (T4660-1B)	/ Alfalfa Hay	14.4	2.4	39	378	7.3				0	0	0					0	39	378
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47	2.0	32	302	7.1	68	42	92	(50)	0	0					19	37	325
Inwood South 3S (T4660-3)	/ Alfalfa Hay	1.84	1.9	34	188	7.6				0	0	0					0	34	188
Inwood South 4S (T4660-4A)	/ Corn Silage	26	2.2	26	466	7.5				195	70	182					8	18	421
Inwood South 4SB (T4660-4B)	/ Corn Silage	0.04	2.2	26	466	7.5				145	70	182					8	18	421
Inwood South 4SB (T4660-4B) (A)	/ Corn Silage	7.36	2.2	26	466	7.5				145	70	182	59		133		0	18	454
Inwood South 5S (T4660-5)	Wheat Straw / Corn Silage	3.2	2.5	30	352	352.0				260	90	332	100		195		0	20	318
Inwood South 5S (T4660-5) (A)	Wheat Straw / Corn Silage	1.7	2.5	30	352	352.0				260	90	332	53		144		0	20	305
Inwood South 6S (T4660-6)	Wheat Straw / Corn Silage	2.1	2.0	32	302	7.1	17	11	23	260	90	332	56		136		3	23	259
Inwood South 6S (T4660-6) (A)	Wheat Straw / Corn Silage	1	2.0	32	302	7.1				260	90	332					0	22	219
Inwood South 7SB (T4660-7B)	/ Corn Silage	42.3	2.2	34	392	7.4	194	39	292	195	70	182					38	31	420
Inwood South 7SB (T4660-7B) (A)	/ Corn Silage	4.7	2.2	34	392	7.4				195	70	182					0	26	347
Inwood South 7SN (T4660-7N)	Wheat Straw / Corn Silage	0	2.4	26	406	6.7				210	90	332					8	16	323
Inwood South 7SN (T4660-7N) (A)	Wheat Straw / Corn Silage	5	2.4	26	406	6.7				210	90	332					0	16	323
Inwood South 7SC (T4660-7C)	Wheat Straw / Corn Silage	5	2.2	34	392	7.4	164	33	247	260	90	332					34	28	371
Inwood Farms (T4271-1)	/ Corn Silage	6.51	2.3	26	222	6.6	17	11	23	210	76	196					3	19	179
Inwood Farms (T4271-1) (A)	/ Corn Silage	2.5	2.3	26	222	6.6				210	76	196					0	18	173
Inwood Farms (T4271-2)	/ Corn Silage	3.89	2.4	36	266	7.2				210	76	196					0	28	217
Inwood Farms (T4271-3)	/ Corn Silage	8.85	1.9	16	268	6.5	194	39	292	135	49	126					30	15	310
Inwood Farms (T4271-4)	/ Corn Silage	6.02	2.6	196	490	6.7	17	11	23	195	70	182					3	189	450
Inwood Farms (T4271-5)	/ Corn Silage	2.83	2.8	48	252	6.5				135	49	126					0	43	221
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68	2.9	150	430	6.8	194	39	292	(50)	0	0					30	154	503
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	2.9	150	430	6.8				(50)	0	0					0	150	430
Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75	2.9	150	430	6.8				(50)	0	0					0	186	452

Soil Balance Calculation based on App C of the NRCS Std (633)



ANNUAL NUTRIENT BALANCE

Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	2.9	122	210	6.5	164	33	247	(50)	0	0	33	126	272
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68		70	300		27	17	37	(50)	0	0	5	72	309
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32		70	300					(50)	0	0	0	70	300
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71		70	300					(50)	0	0	0	70	300
65 Acres (T4659-2)	Alfalfa Hay /	12.5		70	300					(50)	0	0	0	70	300
65 Acres (T4659-4)	Alfalfa Hay /	6.96		70	300					(50)	0	0	0	70	300

ANNUAL NUTRIENT BALANCE

CROP YEAR 2009

FIELD #	CROP	ACRES	SOIL TEST RESULTS					AVAILABLE FROM MANURE			NEEDED BY CROP			COMMERCIAL			SOIL BALANCE		
			% OM	P	K	PH	PAN	P205	K20	PAN	P205	K20	N	P2O5	K2O	ORG N	P	K	
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02	2.0	24	303	7.8				195	70	182	180	81	226	0	25	314	
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29	2.0	24	303	7.8				195	70	182	181	78	226	0	25	314	
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2	2.3	39	385	7.3				195	70	182	38			6	31	340	
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7	2.3	39	385	7.3				195	70	182				0	31	340	
Inwood North 2 (T4185-1A)	/ Corn Silage	40	0.0	35	373	7.3	140	34	254	195	70	182				35	31	391	
Inwood North 3 (T4185-2)	/ Corn Silage	2.66	0.0	22	303	7.8				195	70	182				0	14	258	
Inwood North 3 (T4185-3)	/ Corn Silage	13.75	0.0	26	278	6.6				195	70	182				9	18	233	
Inwood North 4 (T4185-4)	/ Corn Silage	31.75	0.0	42	362	6.9	84	52	114	195	70	182				23	40	345	
Inwood North 5 (T4185-5)	/ Corn Silage	4.7	0.0	15	288	7.8	84	52	114	195	70	182	10			23	13	271	
Inwood North 6 (T4185-6)	/ Corn Silage	38.05	0.0	32	392	7.6	84	52	114	195	70	182				14	30	375	
Inwood North 7 (T4185-7)	/ Corn Silage	20.38	0.0	46	440	7.8	137	28	207	195	70	182				38	41	446	
Inwood North 8 (T4185-8)	/ Corn Silage	4.22	0.0	73	247	7.4	34	21	46	195	70	182				7	68	213	
Inwood North 10 (T4185-10)	/ Corn Silage	6.09	0.0	20	340	6.8	112	23	169	195	70	182	22			34	15	337	
Inwood North 11 (T4185-11)	/ Corn Silage	58.55	0.0	34	430	7.5	34	21	46	195	70	182				7	29	396	
Inwood South 1 (T4187-1E)	/ Corn Silage	73.6	0.0	48	452	7.3	206	42	311	195	70	182	110		148	49	45	521	
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2					34	21	46	195	70	182	47			7	20	288	
Inwood South 2 (T4187-1W) (A)	/ Corn Silage	69.8								145	70	182			122	0	24	347	
Inwood South 2 (T4187-2)	/ Corn Silage	4.16	0.0	26	329	6.7	137	28	207	195	70	182	10			42	21	335	
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2	0.0	26	329	6.7				195	70	182	28			0	18	284	
Inwood South 3 (T4187-3)	/ Corn Silage	2.33	0.0	16	324	6.3	192	39	290	195	70	182	106		144	46	13	387	
Inwood South 4 (T4187-4)	/ Alfalfa Hay	0.77					34	21	46	0	0	0	147			7	12	222	
Inwood South 5 (T4187-5)	/ Corn Silage	2.92	0.0	22	334	7.3	164	33	247	195	70	182				47	18	350	
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5								195	70	182	59		123	0	22	251	
Inwood South 1S (T4660-1A)	/ Corn Silage	4.8					164	33	247	195	70	182	240	105	140	42	52	443	
Inwood South 1S (T4660-1A) (A)	/ Corn Silage	32.8								195	70	182	75		110	0	21	277	
Inwood South 1SB (T4660-1B)	/ Corn Silage	14.4								145	70	182	84		102	0	31	358	
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47					74	46	101	(50)	0	0	28			21	42	350	
Inwood South 3S (T4660-3)	/ Corn Silage	1.84								145	70	182	42	106	140	0	38	178	
Inwood South 4S (T4660-4A)	/ Corn Silage	26	0.0	34	499	7.7	112	23	169	195	70	182	28			21	29	496	
Inwood South 4SB (T4660-4B)	/ Corn Silage	0.04	0.0	34	499	7.7	126	78	171	195	70	182	81		104	24	35	522	
Inwood South 4SB (T4660-4B) (A)	/ Corn Silage	7.36	0.0	34	499	7.7				195	70	182	41			0	26	454	
Inwood South 5S (T4660-5)	/ Corn Silage	3.2								195	70	182	19		71	0	12	290	
Inwood South 5S (T4660-5) (A)	/ Corn Silage	1.7								195	70	182	19			0	12	260	
Inwood South 6S (T4660-6)	/ Corn Silage	2.1								195	70	182	13			2	15	213	
Inwood South 6S (T4660-6) (A)	/ Corn Silage	1								195	70	182				0	14	174	
Inwood South 7SB (T4660-7B)	/ Corn Silage	42.3	0.0	34	454	7.6	78	48	105	195	70	182				32	32	435	
Inwood South 7SB (T4660-7B) (A)	/ Corn Silage	4.7	0.0	34	454	7.6				195	70	182				0	26	409	
Inwood South 7SN (T4660-7N)	/ Alfalfa Hay	0	0.0	34	454	7.6				0	0	0				4	34	454	
Inwood South 7SN (T4660-7N) (A)	/ Alfalfa Hay	5	0.0	34	454	7.6				0	0	0				0	34	454	
Inwood South 7SC (T4660-7C)	/ Corn Silage	5	0.0	34	454	7.6	99	61	134	195	70	182				33	33	442	
Inwood Farms (T4271-1)	/ Corn Silage	6.51	0.0	17	294	6.7				210	76	196				2	9	245	
Inwood Farms (T4271-1) (A)	/ Corn Silage	2.5	0.0	17	294	6.7				210	76	196				0	9	245	
Inwood Farms (T4271-2)	/ Corn Silage	3.89	0.0	40	284	7.2				210	76	196				0	32	235	
Inwood Farms (T4271-3)	/ Corn Silage	8.85	0.0	32	336	6.3	108	67	146	135	49	126				33	34	341	
Inwood Farms (T4271-4)	/ Corn Silage	6.02	2.5	94	601	7.2				195	70	182				2	86	556	
Inwood Farms (T4271-5)	/ Corn Silage	2.83	2.4	16	262	7.0				135	49	126				0	11	231	
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68					101	63	137	(50)	0	0				32	161	537	
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	Soil Balance Calculation based on App C of the NRCS Std (633)							(50)	0	0				0	150	430	



ANNUAL NUTRIENT BALANCE

Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75				(50)	0	0	0	186	452
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	127	26	191	(50)	0	0	36	129	320
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68				(50)	0	0	2	72	309
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32				(50)	0	0	0	70	300
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71				(50)	0	0	0	70	300
65 Acres (T4659-2)	Alfalfa Hay /	12.5				(50)	0	0	0	70	300
65 Acres (T4659-4)	Alfalfa Hay /	6.96	127	26	191	(50)	0	0	20	73	348



ANNUAL NUTRIENT BALANCE

CROP YEAR 2010

FIELD #	CROP	ACRES	SOIL TEST RESULTS				AVAILABLE FROM MANURE			NEEDED BY CROP			COMMERCIAL			SOIL BALANCE		
			% OM	P	K	PH	PAN	P205	K20	PAN	P205	K20	N	P2O5	K2O	ORG N	P	K
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02								195	70	182	163	81	226	0	26	325
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29								195	70	182	181	78	226	0	26	325
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2								195	70	182	35			3	23	294
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7								195	70	182				0	23	294
Inwood North 2 (T4185-1A)	/ Corn Silage	40					119	24	181	195	70	182				34	26	391
Inwood North 3 (T4185-2)	/ Corn Silage	2.66								195	70	182				0	6	212
Inwood North 3 (T4185-3)	/ Corn Silage	13.75					119	24	181	195	70	182	44		110	21	13	260
Inwood North 4 (T4185-4)	/ Corn Silage	31.75					119	24	181	195	70	182				28	35	345
Inwood North 5 (T4185-5)	/ Corn Silage	4.7					119	24	181	195	70	182				28	8	271
Inwood North 6 (T4185-6)	/ Corn Silage	38.05								195	70	182				7	22	330
Inwood North 7 (T4185-7)	/ Corn Silage	20.38					107	107	117	195	70	182				36	45	430
Inwood North 8 (T4185-8)	/ Corn Silage	4.22								195	70	182				4	60	167
Inwood North 10 (T4185-10)	/ Corn Silage	6.09					142	29	214	195	70	182				37	10	345
Inwood North 11 (T4185-11)	/ Corn Silage	58.55								195	70	182				4	21	351
Inwood South 1 (T4187-1E)	/ Corn Silage	73.6					119	24	181	195	70	182	109		148	41	40	558
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2								195	70	182	47			4	12	243
Inwood South 2 (T4187-1W) (A)	/ Corn Silage	69.8								195	70	182				0	16	302
Inwood South 2 (T4187-2)	/ Corn Silage	4.16					134	27	203	195	70	182				40	17	341
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2								195	70	182				0	10	238
Inwood South 3 (T4187-3)	/ Corn Silage	2.33					134	27	203	195	70	182	106		144	42	8	428
Inwood South 4 (T4187-4)	/ Alfalfa Hay	0.77								(50)	0	0				4	12	222
Inwood South 5 (T4187-5)	/ Corn Silage	2.92					104	21	158	195	70	182				37	12	344
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5								195	70	182	53		123	0	15	236
Inwood South 1S (T4660-1A)	/ Corn Silage	4.8					134	27	203	195	70	182	236	105	140	40	59	483
Inwood South 1S (T4660-1A) (A)	/ Corn Silage	32.8								195	70	182				0	13	232
Inwood South 1SB (T4660-1B)	/ Corn Silage	14.4								195	70	182				0	23	313
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47					72	72	78	(50)	0	0	28			22	50	370
Inwood South 3S (T4660-3)	/ Corn Silage	1.84								195	70	182	42	106	140	0	42	167
Inwood South 4S (T4660-4A)	/ Corn Silage	26					112	23	169	195	70	182				26	24	493
Inwood South 4SB (T4660-4B)	/ Corn Silage	0.04					122	122	133	195	70	182				32	41	510
Inwood South 4SB (T4660-4B) (A)	/ Corn Silage	7.36								195	70	182				0	18	408
Inwood South 5S (T4660-5)	/ Corn Silage	3.2								195	70	182				0	4	245
Inwood South 5S (T4660-5) (A)	/ Corn Silage	1.7								195	70	182				0	4	214
Inwood South 6S (T4660-6)	/ Corn Silage	2.1								195	70	182				1	8	168
Inwood South 6S (T4660-6) (A)	/ Corn Silage	1								195	70	182				0	6	128
Inwood South 7SB (T4660-7B)	/ Corn Silage	42.3					75	75	82	195	70	182				27	32	410
Inwood South 7SB (T4660-7B) (A)	/ Corn Silage	4.7								195	70	182				0	18	363
Inwood South 7SN (T4660-7N)	/ Alfalfa Hay	0								(50)	0	0				0	34	454
Inwood South 7SN (T4660-7N) (A)	/ Alfalfa Hay	5								(50)	0	0				0	34	454
Inwood South 7SC (T4660-7C)	/ Beans	5					95	95	104	0	0	0				31	44	468
Inwood Farms (T4271-1)	/ Beans	6.51								0	0	0			96	1	9	269
Inwood Farms (T4271-1) (A)	/ Beans	2.5								0	0	0			96	0	9	269
Inwood Farms (T4271-2)	/ Beans	3.89								0	0	0				0	32	235
Inwood Farms (T4271-3)	/ Beans	8.85								0	0	0				16	34	341
Inwood Farms (T4271-4)	/ Beans	6.02								0	0	0				1	86	556
Inwood Farms (T4271-5)	/ Beans	2.83								0	0	0				0	11	231
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68								(50)	0	0				16	161	537
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	Soil Balance Calculation based on App C of the NRCS Std (633)										(50)	0	0	0	150	430



ANNUAL NUTRIENT BALANCE

Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75				(50)	0	0	0	186	452
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	127	26	192	(50)	0	0	36	131	368
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68				(50)	0	0	1	72	309
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32				(50)	0	0	0	70	300
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71				(50)	0	0	0	70	300
65 Acres (T4659-2)	Alfalfa Hay /	12.5				(50)	0	0	0	70	300
65 Acres (T4659-4)	Alfalfa Hay /	6.96	127	26	192	(50)	0	0	29	76	396

ANNUAL NUTRIENT BALANCE

CROP YEAR 2011

FIELD #	CROP	ACRES	SOIL TEST RESULTS				AVAILABLE FROM MANURE			NEEDED BY CROP			COMMERCIAL			SOIL BALANCE		
			% OM	P	K	PH	PAN	P205	K20	PAN	P205	K20	N	P2O5	K2O	ORG N	P	K
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02							195	70	182	160	81	226	0	28	336	
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29							195	70	182	181	78	226	0	27	336	
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2							195	70	182	38			0	16	249	
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7							195	70	182				0	16	249	
Inwood North 2 (T4185-1A)	/ Corn Silage	40					144	80	179	195	70	182			34	27	390	
Inwood North 3 (T4185-2)	/ Corn Silage	2.66							195	70	182				0	(1)	167	
Inwood North 3 (T4185-3)	/ Corn Silage	13.75					144	80	179	195	70	182	41	110	28	14	287	
Inwood North 4 (T4185-4)	/ Corn Silage	31.75					144	80	179	195	70	182			31	36	344	
Inwood North 5 (T4185-5)	/ Corn Silage	4.7					144	80	179	195	70	182			31	9	270	
Inwood North 6 (T4185-6)	/ Corn Silage	38.05							195	70	182				3	14	284	
Inwood North 7 (T4185-7)	/ Corn Silage	20.38					107	107	117	195	70	182			34	49	414	
Inwood North 8 (T4185-8)	/ Corn Silage	4.22							195	70	182				1	52	122	
Inwood North 10 (T4185-10)	/ Corn Silage	6.09					170	95	213	195	70	182	72	116	37	13	382	
Inwood North 11 (T4185-11)	/ Corn Silage	58.55							195	70	182				1	13	305	
Inwood South 1 (T4187-1E)	/ Corn Silage	73.6					144	80	179	195	70	182	110	147	36	41	594	
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2							195	70	182	47			1	4	197	
Inwood South 2 (T4187-1W) (A)	/ Corn Silage	69.8							195	70	182		122		0	9	287	
Inwood South 2 (T4187-2)	/ Corn Silage	4.16					161	90	201	195	70	182			37	19	345	
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2							195	70	182	84	114		0	3	221	
Inwood South 3 (T4187-3)	/ Corn Silage	2.33					161	90	201	195	70	182	106	144	39	10	469	
Inwood South 4 (T4187-4)	/ Alfalfa Hay	0.77							(50)	0	0				1	12	222	
Inwood South 5 (T4187-5)	/ Corn Silage	2.92					126	70	157	195	70	182			30	12	338	
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5							195	70	182	50	123		0	7	221	
Inwood South 1S (T4660-1A)	Wheat Straw / Corn Silage	4.8					161	90	201	260	90	332	42	105	140	38	70	486
Inwood South 1S (T4660-1A) (A)	Wheat Straw / Corn Silage	32.8							260	90	332	128	234		0	3	207	
Inwood South 1SB (T4660-1B)	/ Corn Silage	14.4							195	70	182	138	261		0	16	332	
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47					72	72	78	(50)	0	0	28		23	58	389	
Inwood South 3S (T4660-3)	/ Corn Silage	1.84							195	70	182	42	106	140	0	46	157	
Inwood South 4S (T4660-4A)	/ Corn Silage	26					135	75	168	195	70	182	84	136	31	24	523	
Inwood South 4SB (T4660-4B)	/ Alfalfa Hay	0.04					122	122	133	0	0	0	102	247	38	54	605	
Inwood South 4SB (T4660-4B) (A)	/ Alfalfa Hay	7.36							0	0	0	59	133		0	18	441	
Inwood South 5S (T4660-5)	/ Corn Silage	3.2							195	70	182	75	195		0	(3)	248	
Inwood South 5S (T4660-5) (A)	/ Corn Silage	1.7							195	70	182	22	144		0	(3)	205	
Inwood South 6S (T4660-6)	/ Corn Silage	2.1							195	70	182	31	136		0	(0)	156	
Inwood South 6S (T4660-6) (A)	/ Corn Silage	1							195	70	182				0	(1)	83	
Inwood South 7SB (T4660-7B)	/ Corn Silage	42.3					75	75	82	195	70	182			23	33	385	
Inwood South 7SB (T4660-7B) (A)	/ Corn Silage	4.7							195	70	182				0	11	318	
Inwood South 7SN (T4660-7N)	/ Alfalfa Hay	0							(50)	0	0				0	34	454	
Inwood South 7SN (T4660-7N) (A)	/ Alfalfa Hay	5							(50)	0	0				0	34	454	
Inwood South 7SC (T4660-7C)	Wheat Straw / Corn Silage	5					95	95	104	260	90	332			30	44	411	
Inwood Farms (T4271-1)	Wheat Straw / Corn Silage	6.51							275	96	346				0	(2)	183	
Inwood Farms (T4271-1) (A)	Wheat Straw / Corn Silage	2.5							275	96	346				0	(2)	183	
Inwood Farms (T4271-2)	Wheat Straw / Corn Silage	3.89							275	96	346				0	21	149	
Inwood Farms (T4271-3)	Wheat Straw / Corn Silage	8.85					104	104	114	200	69	276			23	38	301	
Inwood Farms (T4271-4)	Wheat Straw / Corn Silage	6.02							260	90	332				0	76	473	
Inwood Farms (T4271-5)	Wheat Straw / Corn Silage	2.83							200	69	276				0	3	162	
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68					98	98	107	(50)	0	0			22	172	564	
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	Soil Balance Calculation based on App C of the NRCS Std (633)								(50)	0	0			0	150	430



ANNUAL NUTRIENT BALANCE

Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75				(50)	0	0	0	186	452
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	153	85	190	(50)	0	0	34	141	415
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68				(50)	0	0	0	72	309
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32				(50)	0	0	0	70	300
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71				(50)	0	0	0	70	300
65 Acres (T4659-2)	Alfalfa Hay /	12.5				(50)	0	0	0	70	300
65 Acres (T4659-4)	Alfalfa Hay /	6.96	153	85	190	(50)	0	0	34	85	443



ANNUAL NUTRIENT BALANCE

CROP YEAR 2012

FIELD #	CROP	ACRES	SOIL TEST RESULTS				AVAILABLE FROM MANURE			NEEDED BY CROP			COMMERCIAL			SOIL BALANCE		
			% OM	P	K	PH	PAN	P205	K20	PAN	P205	K20	N	P2O5	K2O	ORG N	P	K
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02								195	70	182	165	81	226	0	29	347
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29								195	70	182	181	78	226	0	27	347
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2								195	70	182	38			0	8	203
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7								195	70	182				0	8	203
Inwood North 2 (T4185-1A)	/ Corn Silage	40					144	80	179	195	70	182				32	28	389
Inwood North 3 (T4185-2)	/ Corn Silage	2.66								195	70	182				0	(9)	121
Inwood North 3 (T4185-3)	/ Corn Silage	13.75					144	80	179	195	70	182	41		110	32	15	313
Inwood North 4 (T4185-4)	/ Corn Silage	31.75					144	80	179	195	70	182				32	37	343
Inwood North 5 (T4185-5)	/ Corn Silage	4.7					144	80	179	195	70	182				32	10	269
Inwood North 6 (T4185-6)	/ Corn Silage	38.05								195	70	182				0	7	239
Inwood North 7 (T4185-7)	/ Corn Silage	20.38					107	107	117	195	70	182				33	54	398
Inwood North 8 (T4185-8)	/ Corn Silage	4.22								195	70	182				0	44	76
Inwood North 10 (T4185-10)	/ Corn Silage	6.09					170	95	213	195	70	182	19			39	16	389
Inwood North 11 (T4185-11)	/ Corn Silage	58.55								195	70	182				0	5	260
Inwood South 1 (T4187-1E)	/ Corn Silage	73.6					144	80	179	195	70	182	109		149	32	42	631
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2								195	70	182	47			0	(3)	152
Inwood South 2 (T4187-1W) (A)	/ Corn Silage	69.8								195	70	182				0	1	241
Inwood South 2 (T4187-2)	/ Corn Silage	4.16					161	90	201	195	70	182				37	21	350
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2								195	70	182	28			0	(5)	176
Inwood South 3 (T4187-3)	/ Corn Silage	2.33					161	90	201	195	70	182	106		144	37	12	510
Inwood South 4 (T4187-4)	/ Alfalfa Hay	0.77								(50)	0	0	145			0	12	222
Inwood South 5 (T4187-5)	/ Corn Silage	2.92					126	70	157	195	70	182				28	12	332
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5								195	70	182	50		123	0	(1)	206
Inwood South 1S (T4660-1A)	/ Corn Silage	4.8					161	90	201	195	70	182	236	105	140	37	84	525
Inwood South 1S (T4660-1A) (A)	/ Corn Silage	32.8								195	70	182	75		110	0	(4)	189
Inwood South 1SB (T4660-1B)	/ Corn Silage	14.4								195	70	182	84		136	0	8	321
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47					72	72	78	(50)	0	0	28			23	66	409
Inwood South 3S (T4660-3)	/ Corn Silage	1.84								195	70	182	42	106	140	0	50	146
Inwood South 4S (T4660-4A)	/ Corn Silage	26					135	75	168	195	70	182	28			31	25	520
Inwood South 4SB (T4660-4B)	/ Alfalfa Hay	0.04					122	122	133	(50)	0	0	66		104	39	68	664
Inwood South 4SB (T4660-4B) (A)	/ Alfalfa Hay	7.36								(50)	0	0	41			0	18	441
Inwood South 5S (T4660-5)	/ Corn Silage	3.2								195	70	182	10		71	0	(11)	220
Inwood South 5S (T4660-5) (A)	/ Corn Silage	1.7								195	70	182				0	(11)	159
Inwood South 6S (T4660-6)	/ Corn Silage	2.1								195	70	182				0	(8)	111
Inwood South 6S (T4660-6) (A)	/ Corn Silage	1								195	70	182				0	(9)	37
Inwood South 7SB (T4660-7B)	/ Corn Silage	42.3					75	75	82	195	70	182				24	33	360
Inwood South 7SB (T4660-7B) (A)	/ Corn Silage	4.7								195	70	182				0	3	272
Inwood South 7SN (T4660-7N)	/ Alfalfa Hay	0								(50)	0	0				0	34	454
Inwood South 7SN (T4660-7N) (A)	/ Alfalfa Hay	5								(50)	0	0				0	34	454
Inwood South 7SC (T4660-7C)	/ Corn Silage	5					95	95	104	195	70	182			84	30	47	413
Inwood Farms (T4271-1)	/ Corn Silage	6.51								210	76	196			84	0	(10)	155
Inwood Farms (T4271-1) (A)	/ Corn Silage	2.5								210	76	196			84	0	(10)	155
Inwood Farms (T4271-2)	/ Corn Silage	3.89								210	76	196				0	13	100
Inwood Farms (T4271-3)	/ Corn Silage	8.85					104	104	114	135	49	126				28	44	298
Inwood Farms (T4271-4)	/ Corn Silage	6.02								195	70	182				0	68	427
Inwood Farms (T4271-5)	/ Corn Silage	2.83								135	49	126				0	(2)	130
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68					98	98	107	(50)	0	0				26	183	591
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	Soil Balance Calculation based on App C of the NRCS Std (633)										(50)	0	0	0	150	430



ANNUAL NUTRIENT BALANCE

Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75				(50)	0	0	0	186	452
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	153	85	190	(50)	0	0	34	150	463
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68				(50)	0	0	0	72	309
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32				(50)	0	0	0	70	300
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71				(50)	0	0	0	70	300
65 Acres (T4659-2)	Alfalfa Hay /	12.5				(50)	0	0	0	70	300
65 Acres (T4659-4)	Alfalfa Hay /	6.96	153	85	190	(50)	0	0	34	95	491

ANNUAL NUTRIENT BALANCE

CROP YEAR 2013

FIELD #	CROP	ACRES	SOIL TEST RESULTS				AVAILABLE FROM MANURE			NEEDED BY CROP			COMMERCIAL			SOIL BALANCE		
			% OM	P	K	PH	PAN	P205	K20	PAN	P205	K20	N	P2O5	K2O	ORG N	P	K
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02							195	70	182	158	81	226	0	30	358	
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29							195	70	182	181	78	226	0	28	358	
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2							195	70	182	38			0	(0)	158	
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7							195	70	182				0	(0)	158	
Inwood North 2 (T4185-1A)	/ Corn Silage	40					144	80	179	195	70	182			32	29	389	
Inwood North 3 (T4185-2)	/ Corn Silage	2.66							195	70	182				0	(17)	76	
Inwood North 3 (T4185-3)	/ Corn Silage	13.75					144	80	179	195	70	182	41	110	32	16	340	
Inwood North 4 (T4185-4)	/ Corn Silage	31.75					144	80	179	195	70	182			32	38	343	
Inwood North 5 (T4185-5)	/ Corn Silage	4.7					144	80	179	195	70	182			32	11	269	
Inwood North 6 (T4185-6)	/ Corn Silage	38.05							195	70	182				0	(1)	193	
Inwood North 7 (T4185-7)	/ Corn Silage	20.38					107	107	117	195	70	182			33	58	381	
Inwood North 8 (T4185-8)	/ Corn Silage	4.22							195	70	182				0	36	31	
Inwood North 10 (T4185-10)	/ Corn Silage	6.09					170	95	213	195	70	182			39	18	397	
Inwood North 11 (T4185-11)	/ Corn Silage	58.55							195	70	182				0	(3)	214	
Inwood South 1 (T4187-1E)	/ Beans	73.6					144	80	179	0	0	0	110	149	32	51	713	
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2							195	70	182	47			0	(11)	106	
Inwood South 2 (T4187-1W) (A)	/ Corn Silage	69.8							195	70	182			122	0	(7)	226	
Inwood South 2 (T4187-2)	/ Corn Silage	4.16					161	90	201	195	70	182			37	23	355	
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2							195	70	182				0	(13)	130	
Inwood South 3 (T4187-3)	/ Corn Silage	2.33					161	90	201	195	70	182	106	144	37	14	551	
Inwood South 4 (T4187-4)	/ Alfalfa Hay	0.77							(50)	0	0				0	12	222	
Inwood South 5 (T4187-5)	/ Corn Silage	2.92					126	70	157	195	70	182			28	12	326	
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5							195	70	182	50	123	0	(9)	192		
Inwood South 1S (T4660-1A)	/ Beans	4.8					161	90	201	0	0	0	42	105	140	37	106	611
Inwood South 1S (T4660-1A) (A)	/ Beans	32.8							0	0	0	78			0	(4)	189	
Inwood South 1SB (T4660-1B)	/ Corn Silage	14.4							195	70	182				0	(0)	275	
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47					72	72	78	(50)	0	0			23	74	428	
Inwood South 3S (T4660-3)	/ Corn Silage	1.84							195	70	182	42	106	140	0	54	136	
Inwood South 4S (T4660-4A)	/ Corn Silage	26					135	75	168	195	70	182			31	25	516	
Inwood South 4SB (T4660-4B)	/ Alfalfa Hay	0.04					122	122	133	(50)	0	0			39	81	698	
Inwood South 4SB (T4660-4B) (A)	/ Alfalfa Hay	7.36							(50)	0	0				0	18	441	
Inwood South 5S (T4660-5)	/ Corn Silage	3.2							195	70	182				0	(19)	175	
Inwood South 5S (T4660-5) (A)	/ Beans	1.7							0	0	0				0	(11)	159	
Inwood South 6S (T4660-6)	/ Beans	2.1							0	0	0				0	(8)	111	
Inwood South 6S (T4660-6) (A)	/ Beans	1							0	0	0				0	(9)	37	
Inwood South 7SB (T4660-7B)	/ Beans	42.3					75	75	82	0	0	0			24	41	380	
Inwood South 7SB (T4660-7B) (A)	/ Beans	4.7							0	0	0				0	3	272	
Inwood South 7SN (T4660-7N)	/ Alfalfa Hay	0							(50)	0	0				0	34	454	
Inwood South 7SN (T4660-7N) (A)	/ Alfalfa Hay	5							(50)	0	0				0	34	454	
Inwood South 7SC (T4660-7C)	/ Beans	5					95	95	104	0	0	0			30	57	439	
Inwood Farms (T4271-1)	/ Beans	6.51							0	0	0				0	(10)	155	
Inwood Farms (T4271-1) (A)	/ Beans	2.5							0	0	0				0	(10)	155	
Inwood Farms (T4271-2)	/ Beans	3.89							0	0	0				0	13	100	
Inwood Farms (T4271-3)	/ Beans	8.85					104	104	114	0	0	0			32	56	326	
Inwood Farms (T4271-4)	/ Beans	6.02							0	0	0				0	68	427	
Inwood Farms (T4271-5)	/ Beans	2.83							0	0	0				0	(2)	130	
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68					98	98	107	(50)	0	0			31	194	618	
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	Soil Balance Calculation based on App C of the NRCS Std (633)								(50)	0	0			0	150	430



ANNUAL NUTRIENT BALANCE

Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75				(50)	0	0	0	186	452
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	153	85	190	(50)	0	0	34	160	510
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68				(50)	0	0	0	72	309
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32				(50)	0	0	0	70	300
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71				(50)	0	0	0	70	300
65 Acres (T4659-2)	Alfalfa Hay /	12.5				(50)	0	0	0	70	300
65 Acres (T4659-4)	Alfalfa Hay /	6.96	153	85	190	(50)	0	0	34	104	538



Projected Soil P And K Levels of Years at Planned Nutrient Management to Reach 300 lb/acre (150 ppm) Bray P1

For Existing Facilities:

Fields are gradually building in soil P levels, but are not near exceeding 300 #/acre

Rotation Start Year

2008

Rotation End Year

2013

Years in Rotation

6

Note: After soils reach 150 ppm (300 lbs/acre), nutrient management plan will need to be revised.

Field	P ₁ At Start lb/Acre	P Balance @ End of Rotation	Average P1 soil change for Rotation	Average Annual change in P1	Years To Reach 300 lbs/Ac P1	K At Start lb/Acre	K Balance @ End of Rotation	Average K soil change for Rotation	Average Annual change in K
Inwood North 2 (T4186-2)	36	30	(6)	(1)	#	348	358	10	2
Inwood North 2 (T4186-2) (A)	36	29	(7)	(2)	#	348	358	10	2
Inwood North 1 (T4185-1B)	46	(1)	(47)	(8)	#	386	158	(228)	(38)
Inwood North 1 (T4185-1B) (A)	46	(1)	(47)	(8)	#	386	158	(228)	(38)
Inwood North 2 (T4185-1A)	46	30	(16)	(3)	#	386	389	3	1
Inwood North 3 (T4185-2)	34	(17)	(51)	(9)	#	356	76	(280)	(47)
Inwood North 3 (T4185-3)	30	17	(13)	(3)	#	328	340	12	2
Inwood North 4 (T4185-4)	34	39	5	1	261.0	356	343	(13)	(3)
Inwood North 5 (T4185-5)	18	12	(6)	(1)	#	326	269	(57)	(10)
Inwood North 6 (T4185-6)	30	(2)	(32)	(6)	#	320	193	(127)	(22)
Inwood North 7 (T4185-7)	39	58	19	4	60.5	359	382	23	4
Inwood North 8 (T4185-8)	34	37	3	1	263.0	358	31	(327)	(55)
Inwood North 10 (T4185-10)	32	19	(13)	(3)	#	359	397	38	7
Inwood North 11 (T4185-11)	34	(3)	(37)	(7)	#	392	214	(178)	(30)
Inwood South 1 (T4187-1E)	32	51	19	4	62.3	357	713	356	60
Inwood South 2 (T4187-1W)	32	(12)	(44)	(8)	#	362	107	(255)	(43)
Inwood South 2 (T4187-1W) (A)	32	(7)	(39)	(7)	#	362	226	(136)	(23)
Inwood South 2 (T4187-2)	43	24	(19)	(4)	#	331	355	24	4
Inwood South 2 (T4187-2) (A)	43	(13)	(56)	(10)	#	331	130	(201)	(34)
Inwood South 3 (T4187-3)	64	15	(49)	(9)	#	362	551	189	32
Inwood South 4 (T4187-4)	16	12	(4)	(1)	#	250	222	(28)	(5)
Inwood South 5 (T4187-5)	38	13	(25)	(5)	#	280	326	46	8
Inwood South 5 (T4187-5) (A)	38	(9)	(47)	(8)	#	280	192	(88)	(15)
Inwood South 1S (T4660-1A)	39	106	67	12	16.2	378	611	233	39
Inwood South 1S (T4660-1A) (A)	39	(5)	(44)	(8)	#	378	189	(189)	(32)
Inwood South 1SB (T4660-1B)	39	(1)	(40)	(7)	#	378	276	(102)	(17)
Inwood South 2S (T4660-2)	32	74	42	7	32	302	429	127	22
Inwood South 3S (T4660-3)	34	54	20	4	61.5	188	136	(52)	(9)
Inwood South 4S (T4660-4A)	26	26	0	0	#	466	516	50	9
Inwood South 4SB (T4660-4B)	26	82	56	10	21.8	466	698	232	39
Inwood South 4SB (T4660-4B) (A)	26	19	(7)	(2)	#	466	442	(24)	(4)
Inwood South 5S (T4660-5)	30	(20)	(50)	(9)	#	352	175	(177)	(30)
Inwood South 5S (T4660-5) (A)	30	(12)	(42)	(7)	#	352	159	(193)	(33)
Inwood South 6S (T4660-6)	32	(8)	(40)	(7)	#	302	111	(191)	(32)
Inwood South 6S (T4660-6) (A)	32	(10)	(42)	(7)	#	302	37	(265)	(45)

: Field with negative P1 trend that will need maintenance levels of P fertilizers to maintain soil P levels.
INF : Field with Postive P1 trend that will take more than 300 yrs to exceed 150 ppm.



Projected Soil P And K Levels er of Years at Planned Nutrient Management to Reach 300 lb/acre (150 ppm) Bray P1

For Existing Facilities:

Fields are gradually building in soil P levels, but are not near exceeding 300 #/acre

Rotation Start Year

2008

Rotation End Year

2013

Years in Rotation

6

Note: After soils reach 150 ppm (300 lbs/acre), nutrient management plan will need to be revised.

Field	P ₁ At Start lb/Acre	P Balance @ End of Rotation	Average P1 soil change for Rotation	Average Annual change in P1	Years To Reach 300 lbs/Ac P1	K At Start lb/Acre	K Balance @ End of Rotation	Average K soil change for Rotation	Average Annual change in K
Inwood South 7SB (T4660-7B)	34	42	8	2	129	392	381	(11)	(2)
Inwood South 7SB (T4660-7B) (A)	34	3	(31)	(6)	#	392	272	(120)	(20)
Inwood South 7SN (T4660-7N)	26	34	8	2	133	406	454	48	8
Inwood South 7SN (T4660-7N) (A)	26	34	8	2	133	406	454	48	8
Inwood South 7SC (T4660-7C)	34	58	24	4	60.5	392	439	47	8
Inwood Farms (T4271-1)	26	(11)	(37)	(7)	#	222	155	(67)	(12)
Inwood Farms (T4271-1) (A)	26	(11)	(37)	(7)	#	222	155	(67)	(12)
Inwood Farms (T4271-2)	36	13	(23)	(4)	#	266	100	(166)	(28)
Inwood Farms (T4271-3)	16	56	40	7	34.85714286	268	326	58	10
Inwood Farms (T4271-4)	196	69	(127)	(22)	#	490	427	(63)	(11)
Inwood Farms (T4271-5)	48	(3)	(51)	(9)	#	252	130	(122)	(21)
Zeller's Crest (T1815-1)	150	194	44	8	13.25	430	618	188	32
Zeller's Crest (T1815-1) (A)	150	150	0	0	#	430	430	0	0
Zeller's Crest (T1815-2)	186	186	0	0	#	452	452	0	0
Zeller's Crest (T1815-3)	122	160	38	7	20	210	510	300	50
65 Acres 1 (T4188-1)	70	72	2	1	228	300	310	10	2
65 Acres 2 (T4188-2)	70	70	0	0	#	300	300	0	0
65 Acres 3 (T4188-3)	70	70	0	0	#	300	300	0	0
65 Acres (T4659-2)	70	70	0	0	#	300	300	0	0
65 Acres (T4659-4)	70	105	35	6	32.5	300	539	239	40

Calculation based on App C of the NRCS Std (633)

: Field with negative P1 trend that will need maintenance levels of P fertilizers to maintain soil P levels.

INF : Field with Postive P1 trend that will take more than 300 yrs to exceed 150 ppm.



MANURE FERTILIZER VALUE

NITROGEN	PHOSPHORUS	POTASSIUM
\$ 0.35	\$ 0.40	\$ 0.20

CROP YEAR	2008	MANURE NUTRIENT VALUE										
		FIELD #	CROP	ACRES	NITROGEN		PHOSPHORUS		POTASSIUM		TOTAL VALUE	
					\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2	\$24	\$76	\$17	\$54	\$18	\$59	\$59	\$189	\$59	\$189
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 2 (T4185-1A)	/ Beans	40	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 3 (T4185-2)	/ Corn Silage	2.66	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 3 (T4185-3)	/ Corn Silage	13.75	\$24	\$327	\$17	\$231	\$18	\$253	\$59	\$811	\$59	\$811
Inwood North 4 (T4185-4)	/ Corn Silage	31.75	\$24	\$756	\$17	\$533	\$18	\$584	\$59	\$1,873	\$59	\$1,873
Inwood North 5 (T4185-5)	/ Corn Silage	4.7	\$24	\$112	\$17	\$79	\$18	\$86	\$59	\$277	\$59	\$277
Inwood North 6 (T4185-6)	/ Corn Silage	38.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 7 (T4185-7)	/ Corn Silage	20.38	\$57	\$1,170	\$13	\$269	\$36	\$742	\$107	\$2,181	\$107	\$2,181
Inwood North 8 (T4185-8)	/ Corn Silage	4.22	\$6	\$25	\$4	\$19	\$5	\$19	\$15	\$63	\$15	\$63
Inwood North 10 (T4185-10)	/ Corn Silage	6.09	\$57	\$350	\$13	\$80	\$36	\$222	\$107	\$652	\$107	\$652
Inwood North 11 (T4185-11)	/ Corn Silage	58.55	\$6	\$348	\$4	\$258	\$5	\$269	\$15	\$875	\$15	\$875
Inwood South 1 (T4187-1E)	Wheat Straw / Corn Silage	73.6	\$57	\$4,225	\$13	\$972	\$49	\$3,636	\$120	\$8,832	\$120	\$8,832
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2	\$6	\$90	\$4	\$67	\$5	\$70	\$15	\$227	\$15	\$227
Inwood South 2 (T4187-1W) (A)	/ Alfalfa Hay	69.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2 (T4187-2)	/ Corn Silage	4.16	\$68	\$284	\$18	\$75	\$36	\$151	\$123	\$510	\$123	\$510
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 3 (T4187-3)	/ Corn Silage	2.33	\$57	\$134	\$13	\$31	\$36	\$85	\$107	\$249	\$107	\$249
Inwood South 4 (T4187-4)	/ Corn Silage	0.77	\$6	\$5	\$4	\$3	\$5	\$4	\$15	\$12	\$15	\$12
Inwood South 5 (T4187-5)	/ Corn Silage	2.92	\$65	\$191	\$18	\$53	\$36	\$106	\$120	\$350	\$120	\$350
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1S (T4660-1A)	Wheat Straw / Corn Silage	4.8	\$57	\$276	\$13	\$63	\$49	\$237	\$120	\$576	\$120	\$576
Inwood South 1S (T4660-1A) (A)	Wheat Straw / Corn Silage	32.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1SB (T4660-1B)	/ Alfalfa Hay	14.4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47	(18)	(96)	\$0	\$0	\$0	\$0	(18)	(96)	(18)	(96)
Inwood South 3S (T4660-3)	/ Alfalfa Hay	1.84	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 4S (T4660-4A)	/ Corn Silage	26	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 4SB (T4660-4B)	/ Corn Silage	0.04	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 4SB (T4660-4B) (A)	/ Corn Silage	7.36	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 5S (T4660-5)	Wheat Straw / Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 5S (T4660-5) (A)	Wheat Straw / Corn Silage	1.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 6S (T4660-6)	Wheat Straw / Corn Silage	2.1	\$6	\$12	\$4	\$9	\$5	\$10	\$15	\$31	\$15	\$31

Based on Crop Nutrient Uptake Only, Carry Over Nutrients NOT Included in Values.

MANURE FERTILIZER VALUE

			NITROGEN		PHOSPHORUS		POTASSIUM				
			\$	0.35	\$	0.40	\$	0.20			
Inwood South 6S (T4660-6) (A)	Wheat Straw / Corn Silage	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SB (T4660-7B)	/ Corn Silage	42.3	\$68	\$2,872	\$16	\$660	\$36	\$1,540	\$120	\$5,072	
Inwood South 7SB (T4660-7B) (A)	/ Corn Silage	4.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SN (T4660-7N)	Wheat Straw / Corn Silage	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SN (T4660-7N) (A)	Wheat Straw / Corn Silage	5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SC (T4660-7C)	Wheat Straw / Corn Silage	5	\$57	\$287	\$13	\$66	\$49	\$247	\$120	\$600	
Inwood Farms (T4271-1)	/ Corn Silage	6.51	\$6	\$39	\$4	\$29	\$5	\$30	\$15	\$97	
Inwood Farms (T4271-1) (A)	/ Corn Silage	2.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-2)	/ Corn Silage	3.89	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-3)	/ Corn Silage	8.85	\$47	\$418	\$16	\$138	\$25	\$223	\$88	\$779	
Inwood Farms (T4271-4)	/ Corn Silage	6.02	\$6	\$36	\$4	\$26	\$5	\$28	\$15	\$90	
Inwood Farms (T4271-5)	/ Corn Silage	2.83	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68	(18)	(659)	\$0	\$0	\$0	\$0	(18)	(659)	
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	(18)	(128)	\$0	\$0	\$0	\$0	(18)	(128)	
Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75	(18)	(206)	\$0	\$0	\$0	\$0	(18)	(206)	
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	(18)	(243)	\$0	\$0	\$0	\$0	(18)	(243)	
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68	(18)	(589)	\$0	\$0	\$0	\$0	(18)	(589)	
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32	(18)	(6)	\$0	\$0	\$0	\$0	(18)	(6)	
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71	(18)	(187)	\$0	\$0	\$0	\$0	(18)	(187)	
65 Acres (T4659-2)	Alfalfa Hay /	12.5	(18)	(219)	\$0	\$0	\$0	\$0	(18)	(219)	
65 Acres (T4659-4)	Alfalfa Hay /	6.96	(18)	(122)	\$0	\$0	\$0	\$0	(18)	(122)	
TOTAL				\$9,578		\$3,714		\$8,601		\$21,893	

Based on Crop Nutrient Uptake Only, Carry Over Nutrients **NOT** Included in Values.



MANURE FERTILIZER VALUE

NITROGEN	PHOSPHORUS	POTASSIUM
\$ 0.35	\$ 0.40	\$ 0.20

CROP YEAR	2009	MANURE NUTRIENT VALUE										
		FIELD #	CROP	ACRES	NITROGEN		PHOSPHORUS		POTASSIUM		TOTAL VALUE	
					\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD
		Inwood North 2 (T4186-2)	/ Corn Silage	-0.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood North 1 (T4185-1B)	/ Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood North 2 (T4185-1A)	/ Corn Silage	40	\$49	\$1,960	\$14	\$544	\$36	\$1,456	\$99	\$3,960
		Inwood North 3 (T4185-2)	/ Corn Silage	2.66	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood North 3 (T4185-3)	/ Corn Silage	13.75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood North 4 (T4185-4)	/ Corn Silage	31.75	\$29	\$933	\$21	\$660	\$23	\$724	\$73	\$2,318
		Inwood North 5 (T4185-5)	/ Corn Silage	4.7	\$29	\$138	\$21	\$98	\$23	\$107	\$73	\$343
		Inwood North 6 (T4185-6)	/ Corn Silage	38.05	\$29	\$1,119	\$21	\$791	\$23	\$868	\$73	\$2,778
		Inwood North 7 (T4185-7)	/ Corn Silage	20.38	\$48	\$977	\$11	\$228	\$36	\$742	\$96	\$1,947
		Inwood North 8 (T4185-8)	/ Corn Silage	4.22	\$12	\$50	\$8	\$35	\$9	\$39	\$30	\$124
		Inwood North 10 (T4185-10)	/ Corn Silage	6.09	\$39	\$239	\$9	\$56	\$34	\$206	\$82	\$501
		Inwood North 11 (T4185-11)	/ Corn Silage	58.55	\$12	\$697	\$8	\$492	\$9	\$539	\$30	\$1,727
		Inwood South 1 (T4187-1E)	/ Corn Silage	73.6	\$68	\$5,023	\$17	\$1,236	\$36	\$2,679	\$121	\$8,939
		Inwood South 2 (T4187-1W)	/ Corn Silage	15.2	\$12	\$181	\$8	\$128	\$9	\$140	\$30	\$448
		Inwood South 2 (T4187-1W) (A)	/ Corn Silage	69.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood South 2 (T4187-2)	/ Corn Silage	4.16	\$48	\$199	\$11	\$47	\$36	\$151	\$96	\$397
		Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood South 3 (T4187-3)	/ Corn Silage	2.33	\$67	\$157	\$16	\$36	\$36	\$85	\$119	\$278
		Inwood South 4 (T4187-4)	/ Alfalfa Hay	0.77	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood South 5 (T4187-5)	/ Corn Silage	2.92	\$57	\$168	\$13	\$39	\$36	\$106	\$107	\$312
		Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood South 1S (T4660-1A)	/ Corn Silage	4.8	\$57	\$276	\$13	\$63	\$36	\$175	\$107	\$514
		Inwood South 1S (T4660-1A) (A)	/ Corn Silage	32.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood South 1SB (T4660-1B)	/ Corn Silage	14.4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47	(18)	(96)	\$0	\$0	\$0	\$0	(18)	(96)
		Inwood South 3S (T4660-3)	/ Corn Silage	1.84	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood South 4S (T4660-4A)	/ Corn Silage	26	\$39	\$1,019	\$9	\$239	\$34	\$879	\$82	\$2,137
		Inwood South 4SB (T4660-4B)	/ Corn Silage	0.04	\$44	\$2	\$28	\$1	\$34	\$1	\$106	\$4
		Inwood South 4SB (T4660-4B) (A)	/ Corn Silage	7.36	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood South 5S (T4660-5)	/ Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood South 5S (T4660-5) (A)	/ Corn Silage	1.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inwood South 6S (T4660-6)	/ Corn Silage	2.1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Based on Crop Nutrient Uptake Only, Carry Over Nutrients NOT Included in Values.



MANURE FERTILIZER VALUE

			NITROGEN		PHOSPHORUS		POTASSIUM			
			\$	0.35	\$	0.40	\$	0.20		
Inwood South 6S (T4660-6) (A)	/ Corn Silage	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SB (T4660-7B)	/ Corn Silage	42.3	\$27	\$1,155	\$19	\$812	\$21	\$888	\$68	\$2,855
Inwood South 7SB (T4660-7B) (A)	/ Corn Silage	4.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SN (T4660-7N)	/ Alfalfa Hay	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SN (T4660-7N) (A)	/ Alfalfa Hay	5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SC (T4660-7C)	/ Corn Silage	5	\$35	\$173	\$24	\$122	\$27	\$134	\$86	\$429
Inwood Farms (T4271-1)	/ Corn Silage	6.51	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-1) (A)	/ Corn Silage	2.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-2)	/ Corn Silage	3.89	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-3)	/ Corn Silage	8.85	\$38	\$335	\$19	\$172	\$25	\$223	\$82	\$730
Inwood Farms (T4271-4)	/ Corn Silage	6.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-5)	/ Corn Silage	2.83	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68	(18)	(659)	\$0	\$0	\$0	\$0	(18)	(659)
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	(18)	(128)	\$0	\$0	\$0	\$0	(18)	(128)
Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75	(18)	(206)	\$0	\$0	\$0	\$0	(18)	(206)
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	(18)	(243)	\$0	\$0	\$0	\$0	(18)	(243)
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68	(18)	(589)	\$0	\$0	\$0	\$0	(18)	(589)
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32	(18)	(6)	\$0	\$0	\$0	\$0	(18)	(6)
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71	(18)	(187)	\$0	\$0	\$0	\$0	(18)	(187)
65 Acres (T4659-2)	Alfalfa Hay /	12.5	(18)	(219)	\$0	\$0	\$0	\$0	(18)	(219)
65 Acres (T4659-4)	Alfalfa Hay /	6.96	(18)	(122)	\$0	\$0	\$0	\$0	(18)	(122)
TOTAL				\$12,345		\$5,801		\$10,141		\$28,288

Based on Crop Nutrient Uptake Only, Carry Over Nutrients **NOT** Included in Values.



MANURE FERTILIZER VALUE

NITROGEN	PHOSPHORUS	POTASSIUM
\$ 0.35	\$ 0.40	\$ 0.20

CROP YEAR	2010	MANURE NUTRIENT VALUE										
		FIELD #	CROP	ACRES	NITROGEN		PHOSPHORUS		POTASSIUM		TOTAL VALUE	
					\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 2 (T4185-1A)	/ Corn Silage	40	\$42	\$1,666	\$10	\$384	\$36	\$1,448	\$87	\$3,498		
Inwood North 3 (T4185-2)	/ Corn Silage	2.66	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 3 (T4185-3)	/ Corn Silage	13.75	\$42	\$573	\$10	\$132	\$36	\$498	\$87	\$1,202		
Inwood North 4 (T4185-4)	/ Corn Silage	31.75	\$42	\$1,322	\$10	\$305	\$36	\$1,149	\$87	\$2,777		
Inwood North 5 (T4185-5)	/ Corn Silage	4.7	\$42	\$196	\$10	\$45	\$36	\$170	\$87	\$411		
Inwood North 6 (T4185-6)	/ Corn Silage	38.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 7 (T4185-7)	/ Corn Silage	20.38	\$37	\$763	\$28	\$572	\$23	\$477	\$89	\$1,812		
Inwood North 8 (T4185-8)	/ Corn Silage	4.22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 10 (T4185-10)	/ Corn Silage	6.09	\$50	\$303	\$12	\$71	\$36	\$222	\$98	\$595		
Inwood North 11 (T4185-11)	/ Corn Silage	58.55	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1 (T4187-1E)	/ Corn Silage	73.6	\$42	\$3,065	\$10	\$707	\$36	\$2,664	\$87	\$6,436		
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2 (T4187-1W) (A)	/ Corn Silage	69.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2 (T4187-2)	/ Corn Silage	4.16	\$47	\$195	\$11	\$45	\$36	\$151	\$94	\$391		
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 3 (T4187-3)	/ Corn Silage	2.33	\$47	\$109	\$11	\$25	\$36	\$85	\$94	\$219		
Inwood South 4 (T4187-4)	/ Alfalfa Hay	0.77	(18)	(13)	\$0	\$0	\$0	\$0	(18)	(13)		
Inwood South 5 (T4187-5)	/ Corn Silage	2.92	\$36	\$106	\$8	\$25	\$32	\$92	\$76	\$223		
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1S (T4660-1A)	/ Corn Silage	4.8	\$47	\$225	\$11	\$52	\$36	\$175	\$94	\$452		
Inwood South 1S (T4660-1A) (A)	/ Corn Silage	32.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1SB (T4660-1B)	/ Corn Silage	14.4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47	(18)	(96)	\$0	\$0	\$0	\$0	(18)	(96)		
Inwood South 3S (T4660-3)	/ Corn Silage	1.84	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 4S (T4660-4A)	/ Corn Silage	26	\$39	\$1,019	\$9	\$239	\$34	\$879	\$82	\$2,137		
Inwood South 4SB (T4660-4B)	/ Corn Silage	0.04	\$43	\$2	\$28	\$1	\$27	\$1	\$97	\$4		
Inwood South 4SB (T4660-4B) (A)	/ Corn Silage	7.36	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 5S (T4660-5)	/ Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 5S (T4660-5) (A)	/ Corn Silage	1.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 6S (T4660-6)	/ Corn Silage	2.1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Based on Crop Nutrient Uptake Only, Carry Over Nutrients NOT Included in Values.

MANURE FERTILIZER VALUE

			NITROGEN		PHOSPHORUS		POTASSIUM			
			\$	0.35	\$	0.40	\$	0.20		
Inwood South 6S (T4660-6) (A)	/ Corn Silage	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SB (T4660-7B)	/ Corn Silage	42.3	\$26	\$1,110	\$28	\$1,188	\$16	\$694	\$71	\$2,992
Inwood South 7SB (T4660-7B) (A)	/ Corn Silage	4.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SN (T4660-7N)	/ Alfalfa Hay	0	(18)	\$0	\$0	\$0	\$0	\$0	(18)	\$0
Inwood South 7SN (T4660-7N) (A)	/ Alfalfa Hay	5	(18)	(88)	\$0	\$0	\$0	\$0	(18)	(88)
Inwood South 7SC (T4660-7C)	/ Beans	5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-1)	/ Beans	6.51	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-1) (A)	/ Beans	2.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-2)	/ Beans	3.89	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-3)	/ Beans	8.85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-4)	/ Beans	6.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-5)	/ Beans	2.83	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68	(18)	(659)	\$0	\$0	\$0	\$0	(18)	(659)
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	(18)	(128)	\$0	\$0	\$0	\$0	(18)	(128)
Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75	(18)	(206)	\$0	\$0	\$0	\$0	(18)	(206)
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	(18)	(243)	\$0	\$0	\$0	\$0	(18)	(243)
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68	(18)	(589)	\$0	\$0	\$0	\$0	(18)	(589)
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32	(18)	(6)	\$0	\$0	\$0	\$0	(18)	(6)
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71	(18)	(187)	\$0	\$0	\$0	\$0	(18)	(187)
65 Acres (T4659-2)	Alfalfa Hay /	12.5	(18)	(219)	\$0	\$0	\$0	\$0	(18)	(219)
65 Acres (T4659-4)	Alfalfa Hay /	6.96	(18)	(122)	\$0	\$0	\$0	\$0	(18)	(122)
TOTAL				\$8,100		\$3,790		\$8,705		\$20,595

Based on Crop Nutrient Uptake Only, Carry Over Nutrients **NOT** Included in Values.



MANURE FERTILIZER VALUE

NITROGEN	PHOSPHORUS	POTASSIUM
\$ 0.35	\$ 0.40	\$ 0.20

CROP YEAR	2011	MANURE NUTRIENT VALUE										
		FIELD #	CROP	ACRES	NITROGEN		PHOSPHORUS		POTASSIUM		TOTAL VALUE	
					\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 2 (T4185-1A)	/ Corn Silage	40	\$50	\$2,016	\$28	\$1,123	\$36	\$1,432	\$114	\$4,571		
Inwood North 3 (T4185-2)	/ Corn Silage	2.66	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 3 (T4185-3)	/ Corn Silage	13.75	\$50	\$693	\$28	\$386	\$36	\$492	\$114	\$1,571		
Inwood North 4 (T4185-4)	/ Corn Silage	31.75	\$50	\$1,600	\$28	\$892	\$36	\$1,137	\$114	\$3,628		
Inwood North 5 (T4185-5)	/ Corn Silage	4.7	\$50	\$237	\$28	\$132	\$36	\$168	\$114	\$537		
Inwood North 6 (T4185-6)	/ Corn Silage	38.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 7 (T4185-7)	/ Corn Silage	20.38	\$37	\$763	\$28	\$572	\$23	\$477	\$89	\$1,812		
Inwood North 8 (T4185-8)	/ Corn Silage	4.22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 10 (T4185-10)	/ Corn Silage	6.09	\$60	\$362	\$28	\$171	\$36	\$222	\$124	\$755		
Inwood North 11 (T4185-11)	/ Corn Silage	58.55	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1 (T4187-1E)	/ Corn Silage	73.6	\$50	\$3,709	\$28	\$2,067	\$36	\$2,635	\$114	\$8,411		
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2 (T4187-1W) (A)	/ Corn Silage	69.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2 (T4187-2)	/ Corn Silage	4.16	\$56	\$234	\$28	\$117	\$36	\$151	\$121	\$503		
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 3 (T4187-3)	/ Corn Silage	2.33	\$56	\$131	\$28	\$65	\$36	\$85	\$121	\$282		
Inwood South 4 (T4187-4)	/ Alfalfa Hay	0.77	(18)	(13)	\$0	\$0	\$0	\$0	(18)	(13)		
Inwood South 5 (T4187-5)	/ Corn Silage	2.92	\$44	\$129	\$28	\$82	\$31	\$92	\$104	\$302		
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1S (T4660-1A)	Wheat Straw / Corn Silage	4.8	\$56	\$270	\$36	\$173	\$40	\$193	\$133	\$636		
Inwood South 1S (T4660-1A) (A)	Wheat Straw / Corn Silage	32.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1SB (T4660-1B)	/ Corn Silage	14.4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47	(18)	(96)	\$0	\$0	\$0	\$0	(18)	(96)		
Inwood South 3S (T4660-3)	/ Corn Silage	1.84	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 4S (T4660-4A)	/ Corn Silage	26	\$47	\$1,229	\$28	\$730	\$34	\$874	\$109	\$2,832		
Inwood South 4SB (T4660-4B)	/ Alfalfa Hay	0.04	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 4SB (T4660-4B) (A)	/ Alfalfa Hay	7.36	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 5S (T4660-5)	/ Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 5S (T4660-5) (A)	/ Corn Silage	1.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 6S (T4660-6)	/ Corn Silage	2.1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Based on Crop Nutrient Uptake Only, Carry Over Nutrients NOT Included in Values.



MANURE FERTILIZER VALUE

			NITROGEN		PHOSPHORUS		POTASSIUM			
			\$	0.35	\$	0.40	\$	0.20		
Inwood South 6S (T4660-6) (A)	/ Corn Silage	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SB (T4660-7B)	/ Corn Silage	42.3	\$26	\$1,110	\$28	\$1,188	\$16	\$694	\$71	\$2,992
Inwood South 7SB (T4660-7B) (A)	/ Corn Silage	4.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SN (T4660-7N)	/ Alfalfa Hay	0	(18)	\$0	\$0	\$0	\$0	\$0	(18)	\$0
Inwood South 7SN (T4660-7N) (A)	/ Alfalfa Hay	5	(18)	(88)	\$0	\$0	\$0	\$0	(18)	(88)
Inwood South 7SC (T4660-7C)	Wheat Straw / Corn Silage	5	\$33	\$166	\$36	\$180	\$21	\$104	\$90	\$451
Inwood Farms (T4271-1)	Wheat Straw / Corn Silage	6.51	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-1) (A)	Wheat Straw / Corn Silage	2.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-2)	Wheat Straw / Corn Silage	3.89	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-3)	Wheat Straw / Corn Silage	8.85	\$36	\$322	\$27	\$243	\$23	\$202	\$87	\$767
Inwood Farms (T4271-4)	Wheat Straw / Corn Silage	6.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-5)	Wheat Straw / Corn Silage	2.83	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68	(18)	(659)	\$0	\$0	\$0	\$0	(18)	(659)
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	(18)	(128)	\$0	\$0	\$0	\$0	(18)	(128)
Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75	(18)	(206)	\$0	\$0	\$0	\$0	(18)	(206)
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	(18)	(243)	\$0	\$0	\$0	\$0	(18)	(243)
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68	(18)	(589)	\$0	\$0	\$0	\$0	(18)	(589)
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32	(18)	(6)	\$0	\$0	\$0	\$0	(18)	(6)
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71	(18)	(187)	\$0	\$0	\$0	\$0	(18)	(187)
65 Acres (T4659-2)	Alfalfa Hay /	12.5	(18)	(219)	\$0	\$0	\$0	\$0	(18)	(219)
65 Acres (T4659-4)	Alfalfa Hay /	6.96	(18)	(122)	\$0	\$0	\$0	\$0	(18)	(122)
TOTAL				\$10,418		\$8,121		\$8,957		\$27,495

Based on Crop Nutrient Uptake Only, Carry Over Nutrients **NOT** Included in Values.



MANURE FERTILIZER VALUE

NITROGEN	PHOSPHORUS	POTASSIUM
\$ 0.35	\$ 0.40	\$ 0.20

CROP YEAR	2012	MANURE NUTRIENT VALUE										
		FIELD #	CROP	ACRES	NITROGEN		PHOSPHORUS		POTASSIUM		TOTAL VALUE	
					\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 2 (T4185-1A)	/ Corn Silage	40	\$50	\$2,016	\$28	\$1,123	\$36	\$1,432	\$114	\$4,571		
Inwood North 3 (T4185-2)	/ Corn Silage	2.66	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 3 (T4185-3)	/ Corn Silage	13.75	\$50	\$693	\$28	\$386	\$36	\$492	\$114	\$1,571		
Inwood North 4 (T4185-4)	/ Corn Silage	31.75	\$50	\$1,600	\$28	\$892	\$36	\$1,137	\$114	\$3,628		
Inwood North 5 (T4185-5)	/ Corn Silage	4.7	\$50	\$237	\$28	\$132	\$36	\$168	\$114	\$537		
Inwood North 6 (T4185-6)	/ Corn Silage	38.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 7 (T4185-7)	/ Corn Silage	20.38	\$37	\$763	\$28	\$572	\$23	\$477	\$89	\$1,812		
Inwood North 8 (T4185-8)	/ Corn Silage	4.22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 10 (T4185-10)	/ Corn Silage	6.09	\$60	\$362	\$28	\$171	\$36	\$222	\$124	\$755		
Inwood North 11 (T4185-11)	/ Corn Silage	58.55	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1 (T4187-1E)	/ Corn Silage	73.6	\$50	\$3,709	\$28	\$2,067	\$36	\$2,635	\$114	\$8,411		
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2 (T4187-1W) (A)	/ Corn Silage	69.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2 (T4187-2)	/ Corn Silage	4.16	\$56	\$234	\$28	\$117	\$36	\$151	\$121	\$503		
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 3 (T4187-3)	/ Corn Silage	2.33	\$56	\$131	\$28	\$65	\$36	\$85	\$121	\$282		
Inwood South 4 (T4187-4)	/ Alfalfa Hay	0.77	(18)	(13)	\$0	\$0	\$0	\$0	(18)	(13)		
Inwood South 5 (T4187-5)	/ Corn Silage	2.92	\$44	\$129	\$28	\$82	\$31	\$92	\$104	\$302		
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1S (T4660-1A)	/ Corn Silage	4.8	\$56	\$270	\$28	\$135	\$36	\$175	\$121	\$580		
Inwood South 1S (T4660-1A) (A)	/ Corn Silage	32.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1SB (T4660-1B)	/ Corn Silage	14.4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47	(18)	(96)	\$0	\$0	\$0	\$0	(18)	(96)		
Inwood South 3S (T4660-3)	/ Corn Silage	1.84	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 4S (T4660-4A)	/ Corn Silage	26	\$47	\$1,229	\$28	\$730	\$34	\$874	\$109	\$2,832		
Inwood South 4SB (T4660-4B)	/ Alfalfa Hay	0.04	(18)	(1)	\$0	\$0	\$0	\$0	(18)	(1)		
Inwood South 4SB (T4660-4B) (A)	/ Alfalfa Hay	7.36	(18)	(129)	\$0	\$0	\$0	\$0	(18)	(129)		
Inwood South 5S (T4660-5)	/ Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 5S (T4660-5) (A)	/ Corn Silage	1.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 6S (T4660-6)	/ Corn Silage	2.1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Based on Crop Nutrient Uptake Only, Carry Over Nutrients NOT Included in Values.

MANURE FERTILIZER VALUE

			NITROGEN		PHOSPHORUS		POTASSIUM			
			\$	0.35	\$	0.40	\$	0.20		
Inwood South 6S (T4660-6) (A)	/ Corn Silage	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SB (T4660-7B)	/ Corn Silage	42.3	\$26	\$1,110	\$28	\$1,188	\$16	\$694	\$71	\$2,992
Inwood South 7SB (T4660-7B) (A)	/ Corn Silage	4.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SN (T4660-7N)	/ Alfalfa Hay	0	(18)	\$0	\$0	\$0	\$0	\$0	(18)	\$0
Inwood South 7SN (T4660-7N) (A)	/ Alfalfa Hay	5	(18)	(88)	\$0	\$0	\$0	\$0	(18)	(88)
Inwood South 7SC (T4660-7C)	/ Corn Silage	5	\$33	\$166	\$28	\$140	\$21	\$104	\$82	\$411
Inwood Farms (T4271-1)	/ Corn Silage	6.51	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-1) (A)	/ Corn Silage	2.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-2)	/ Corn Silage	3.89	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-3)	/ Corn Silage	8.85	\$36	\$322	\$19	\$172	\$23	\$202	\$79	\$696
Inwood Farms (T4271-4)	/ Corn Silage	6.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-5)	/ Corn Silage	2.83	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68	(18)	(659)	\$0	\$0	\$0	\$0	(18)	(659)
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	(18)	(128)	\$0	\$0	\$0	\$0	(18)	(128)
Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75	(18)	(206)	\$0	\$0	\$0	\$0	(18)	(206)
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	(18)	(243)	\$0	\$0	\$0	\$0	(18)	(243)
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68	(18)	(589)	\$0	\$0	\$0	\$0	(18)	(589)
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32	(18)	(6)	\$0	\$0	\$0	\$0	(18)	(6)
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71	(18)	(187)	\$0	\$0	\$0	\$0	(18)	(187)
65 Acres (T4659-2)	Alfalfa Hay /	12.5	(18)	(219)	\$0	\$0	\$0	\$0	(18)	(219)
65 Acres (T4659-4)	Alfalfa Hay /	6.96	(18)	(122)	\$0	\$0	\$0	\$0	(18)	(122)
TOTAL			\$10,288		\$7,972		\$8,938			\$27,199

Based on Crop Nutrient Uptake Only, Carry Over Nutrients **NOT** Included in Values.



MANURE FERTILIZER VALUE

NITROGEN	PHOSPHORUS	POTASSIUM
\$ 0.35	\$ 0.40	\$ 0.20

CROP YEAR	2013	MANURE NUTRIENT VALUE										
		FIELD #	CROP	ACRES	NITROGEN		PHOSPHORUS		POTASSIUM		TOTAL VALUE	
					\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD	\$/Ac	\$/FIELD
Inwood North 2 (T4186-2)	/ Corn Silage	-0.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 2 (T4186-2) (A)	/ Corn Silage	40.29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 1 (T4185-1B)	/ Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 1 (T4185-1B) (A)	/ Corn Silage	37.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 2 (T4185-1A)	/ Corn Silage	40	\$50	\$2,016	\$28	\$1,123	\$36	\$1,432	\$114	\$4,571		
Inwood North 3 (T4185-2)	/ Corn Silage	2.66	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 3 (T4185-3)	/ Corn Silage	13.75	\$50	\$693	\$28	\$386	\$36	\$492	\$114	\$1,571		
Inwood North 4 (T4185-4)	/ Corn Silage	31.75	\$50	\$1,600	\$28	\$892	\$36	\$1,137	\$114	\$3,628		
Inwood North 5 (T4185-5)	/ Corn Silage	4.7	\$50	\$237	\$28	\$132	\$36	\$168	\$114	\$537		
Inwood North 6 (T4185-6)	/ Corn Silage	38.05	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 7 (T4185-7)	/ Corn Silage	20.38	\$37	\$763	\$28	\$572	\$23	\$477	\$89	\$1,812		
Inwood North 8 (T4185-8)	/ Corn Silage	4.22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood North 10 (T4185-10)	/ Corn Silage	6.09	\$60	\$362	\$28	\$171	\$36	\$222	\$124	\$755		
Inwood North 11 (T4185-11)	/ Corn Silage	58.55	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1 (T4187-1E)	/ Beans	73.6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2 (T4187-1W)	/ Corn Silage	15.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2 (T4187-1W) (A)	/ Corn Silage	69.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2 (T4187-2)	/ Corn Silage	4.16	\$56	\$234	\$28	\$117	\$36	\$151	\$121	\$503		
Inwood South 2 (T4187-2) (A)	/ Corn Silage	0.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 3 (T4187-3)	/ Corn Silage	2.33	\$56	\$131	\$28	\$65	\$36	\$85	\$121	\$282		
Inwood South 4 (T4187-4)	/ Alfalfa Hay	0.77	(18)	(13)	\$0	\$0	\$0	\$0	(18)	(13)		
Inwood South 5 (T4187-5)	/ Corn Silage	2.92	\$44	\$129	\$28	\$82	\$31	\$92	\$104	\$302		
Inwood South 5 (T4187-5) (A)	/ Corn Silage	0.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1S (T4660-1A)	/ Beans	4.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1S (T4660-1A) (A)	/ Beans	32.8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 1SB (T4660-1B)	/ Corn Silage	14.4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 2S (T4660-2)	/ Alfalfa Hay	5.47	(18)	(96)	\$0	\$0	\$0	\$0	(18)	(96)		
Inwood South 3S (T4660-3)	/ Corn Silage	1.84	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 4S (T4660-4A)	/ Corn Silage	26	\$47	\$1,229	\$28	\$730	\$34	\$874	\$109	\$2,832		
Inwood South 4SB (T4660-4B)	/ Alfalfa Hay	0.04	(18)	(1)	\$0	\$0	\$0	\$0	(18)	(1)		
Inwood South 4SB (T4660-4B) (A)	/ Alfalfa Hay	7.36	(18)	(129)	\$0	\$0	\$0	\$0	(18)	(129)		
Inwood South 5S (T4660-5)	/ Corn Silage	3.2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 5S (T4660-5) (A)	/ Beans	1.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 6S (T4660-6)	/ Beans	2.1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Based on Crop Nutrient Uptake Only, Carry Over Nutrients NOT Included in Values.

MANURE FERTILIZER VALUE

			NITROGEN		PHOSPHORUS		POTASSIUM			
			\$	0.35	\$	0.40	\$	0.20		
Inwood South 6S (T4660-6) (A)	/ Beans	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SB (T4660-7B)	/ Beans	42.3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SB (T4660-7B) (A)	/ Beans	4.7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood South 7SN (T4660-7N)	/ Alfalfa Hay	0	(18)	\$0	\$0	\$0	\$0	\$0	(18)	\$0
Inwood South 7SN (T4660-7N) (A)	/ Alfalfa Hay	5	(18)	(88)	\$0	\$0	\$0	\$0	(18)	(88)
Inwood South 7SC (T4660-7C)	/ Beans	5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-1)	/ Beans	6.51	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-1) (A)	/ Beans	2.5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-2)	/ Beans	3.89	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-3)	/ Beans	8.85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-4)	/ Beans	6.02	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inwood Farms (T4271-5)	/ Beans	2.83	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Zeller's Crest (T1815-1)	Alfalfa Hay /	37.68	(18)	(659)	\$0	\$0	\$0	\$0	(18)	(659)
Zeller's Crest (T1815-1) (A)	Alfalfa Hay /	7.3	(18)	(128)	\$0	\$0	\$0	\$0	(18)	(128)
Zeller's Crest (T1815-2)	Alfalfa Hay /	11.75	(18)	(206)	\$0	\$0	\$0	\$0	(18)	(206)
Zeller's Crest (T1815-3)	Alfalfa Hay /	13.89	(18)	(243)	\$0	\$0	\$0	\$0	(18)	(243)
65 Acres 1 (T4188-1)	Alfalfa Hay /	33.68	(18)	(589)	\$0	\$0	\$0	\$0	(18)	(589)
65 Acres 2 (T4188-2)	Alfalfa Hay /	0.32	(18)	(6)	\$0	\$0	\$0	\$0	(18)	(6)
65 Acres 3 (T4188-3)	Alfalfa Hay /	10.71	(18)	(187)	\$0	\$0	\$0	\$0	(18)	(187)
65 Acres (T4659-2)	Alfalfa Hay /	12.5	(18)	(219)	\$0	\$0	\$0	\$0	(18)	(219)
65 Acres (T4659-4)	Alfalfa Hay /	6.96	(18)	(122)	\$0	\$0	\$0	\$0	(18)	(122)
TOTAL				\$4,710		\$4,270		\$5,129		\$14,109

Based on Crop Nutrient Uptake Only, Carry Over Nutrients **NOT** Included in Values.