

MMP DATA

Manure Management Plan Data

Operation: MEIER FARMS
Plan File: Meier Farm.mmp
Plan Folder: C:\Program Files\MMP 0.26\Madison Consulting Plans

County: Stephenson
State: Illinois

Plan Saved: 1/19/200
Init. File Rev: 5/21/200
Soils File Rev: 5/29/200

GENERAL

Operation	MEIER FARMS		
Address	3568 E. McCONNELL RD.		
Town	DAKOTA	State	IL Zip Code
Contact	EUGENE MEIER		
Office Phone	815-541-9294	Home Phone	
E-Mail Address			
Notes			
County	Stephenson		
Starting Year	2008	Starting Month	January
Setbacks	CAFO		
		Years In Plan	4

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FIELDS

Field ID	Subfield ID	Total Size (Acres)	Spreadable Size (Acres)	Storage Distance (Miles)	Predominant Soil Type (Name, Texture, Map Symbol, Slope Range)	Slope % (If Not Ave.)	Irrigated With Water	Is Not Owned	Farm ID	FSA Farm	FSA Tract	FSA Field	Notes
Abley 1	843	15.6	15.6	1.6	Oneco SIL (752C2 4-7%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	843		
Abley 2	843	45	45	1.6	Dodgeville SIL (40C2 7-12%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	843		
CAPS 1	1123	18.9	16	1.2	Radford SIL (8074A 0-2%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	1123		
CAPS 2	1123	14.2	14.2	1.3	Myrtle SIL (414C2 5-10%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	1123		
CAPS 3	1123	15.4	12	0.6	Batavia SIL (105B 2-5%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	1123		
FRANK'S	1123	16.1	15	1.2	Batavia SIL (105B 2-5%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	1113		
HOME 1	1113	109.5	108	0.5	Myrtle SIL (414B 2-5%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	1113		
HOME 2	1113	73	71.3	0.2	Myrtle SIL (414C 5-10%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	1113		
HOME 4	1113	19.4	19.4	1.4	Myrtle SIL (414C 5-10%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	1113		
Messman E	856	34.3	31	2.5	Myrtle SIL (414B 2-5%)		<input type="checkbox"/>	<input type="checkbox"/>		5276	856		
Messman W	855	32	32	2.5	Oneco SIL (752C2 4-7%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	855		
Stanley S	1125	16.7	16.7	1.4	Hitt SIL (508C2 5-10%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	1125		
Stanley N	1125	20.4	20.4	1.3	Ogle SIL (412B 2-5%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	1125		
HOME 3	1113	65	62.5	0.2	Myrtle SIL (414C 5-10%)		<input type="checkbox"/>	<input type="checkbox"/>		3734	1113		

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ASSESSMENT, All States

Field ID	Subfield ID	Distance To Water (Feet)	Type Of Water	Slope Length (Feet)	Runoff Reduction Practice	Buffer Width (Feet)	Type Of Artificial Drainage	Manure Applied Annually	Will Not Receive Manure	Water Erosion (T/A/Yr)	Wind Erosion (T/A/Yr)	Irrigation Erosion (T/A/Yr)	Gully Erosion (T/A/Yr)	Ephem. Erosion (T/A/Yr)	P Index Or Risk Index	Notes
Aebley 1	843				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
Aebley 2	843				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
CAPS 1	1123	25	Perennial stream		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
CAPS 2	1123				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
CAPS 3	1123	25	Perennial stream		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
FRANK'S	1123	16	Perennial stream		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
HOME 1	1113	20	Perennial stream		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
HOME 2	1113	100	Perennial stream		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
HOME 4	1113				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
Messman E	856	40	Intermittent stream		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
Messman W	855				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
Stanley S	1125				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
Stanley N	1125				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							
HOME 3	1113	100	Perennial stream		<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							

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ASSESSMENT, State-Specific

No state-specific assessment data columns are defined.

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SOIL TESTS

Field ID	Subfield ID	Test Year	OM (%)	P	P Test Used	K	Mg	Ca	Na	Al	Levels Are in Lb/A	Soil pH	Buffer pH	Esti- mated CEC	CEC	NO ₃ -N (ppm)	EC (mmhos /cm)	SO ₄ -S (ppm)	Notes
Aebley 1	843	2007	2	18	Bray P1	101					<input type="checkbox"/>	7							
Aebley 2	843	2007	2.2	51	Bray P1	166					<input type="checkbox"/>	6							
CAPS 1	1123	2007	3	56	Bray P1	190					<input type="checkbox"/>	6.2							
CAPS 2	1123	2007	1.9	29	Bray P1	129					<input type="checkbox"/>	6.5							
CAPS 3	1123	2007	2.4	28	Bray P1	112					<input type="checkbox"/>	6.3							
FRANK'S	1123	2007	2.4	47	Bray P1	149					<input type="checkbox"/>	6.1							
HOME 1	1113	2007	2.1	44	Bray P1	199					<input type="checkbox"/>	6.5							
HOME 2	1113	2007	2.1	61	Bray P1	259					<input type="checkbox"/>	6.4							
HOME 4	1113	2007	2.2	27	Bray P1	126					<input type="checkbox"/>	6.3							
Messman E	856	2007	2.5	54	Bray P1	246					<input type="checkbox"/>	6							
Messman W	855	2007	2.6	28	Bray P1	167					<input type="checkbox"/>	6.4							
Stanley S	1125	2007	2.5	20	Bray P1	135					<input type="checkbox"/>	7							
Stanley N	1125	2007	2.5	15	Bray P1	113					<input type="checkbox"/>	6.5							
HOME 3	1113	2007	2.1	61	Bray P1	259					<input type="checkbox"/>	6.4							

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CROPS

Field ID	Subfield ID	Crop Year	Planned Crop	Yield Goal (Acre)	Yield Units	Legume % Stand	Default N Rec (Lb/A)	Default P ₂ O ₅ Rec (Lb/A)	Default K ₂ O Rec (Lb/A)	Custom N Rec (Lb/A)	Custom P ₂ O ₅ Rec (Lb/A)	Custom K ₂ O Rec (Lb/A)	Source Of Custom Fertilizer Recommendations
Aebley 1	843	2008	Corn	160 Bu			190	90	145				
Aebley 1	843	2009	Soybean	55 Bu			0	65	170				
Aebley 1	843	2010	Wheat	80 Bu			70	90	120				
Aebley 1	843	2011	Corn	160 Bu			190	90	145				
Aebley 2	843	2008	Soybean	55 Bu			0	0	70				
Aebley 2	843	2009	Wheat	80 Bu			70	0	25				
Aebley 2	843	2010	Corn	160 Bu			190	0	45				
Aebley 2	843	2011	Corn	160 Bu			190	0	45				
CAPS 1	1123	2008	Corn	160 Bu			190	0	45				
CAPS 1	1123	2009	Corn	160 Bu			190	0	45				
CAPS 1	1123	2010	Soybean	55 Bu			0	0	70				
CAPS 1	1123	2011	Wheat	80 Bu			70	0	25				
CAPS 2	1123	2008	Corn	160 Bu			190	70	85				
CAPS 2	1123	2009	Corn	160 Bu			190	70	85				
CAPS 2	1123	2010	Soybean	55 Bu			0	45	115				

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Field ID	Subfield ID	Crop Year	Planned Crop	Yield Goal (/Acre)	Yield Units	Legume % Stand	Default N Rec (Lb/A)	Default P ₂ O ₅ Rec (Lb/A)	Default K ₂ O Rec (Lb/A)	Custom N Rec (Lb/A)	Custom P ₂ O ₅ Rec (Lb/A)	Custom K ₂ O Rec (Lb/A)	Source Of Custom Fertilizer Recommendations
CAPS 2	1123	2011	Wheat	80 Bu			90	70	65				
CAPS 3	1123	2008	Corn	160 Bu			190	70	120				
CAPS 3	1123	2009	Corn	160 Bu			190	70	120				
CAPS 3	1123	2010	Soybean	55 Bu			0	45	150				
CAPS 3	1123	2011	Wheat	80 Bu			70	70	100				
FRANK'S	1123	2008	Corn	160 Bu			190	0	45				
FRANK'S	1123	2009	Soybean	55 Bu			0	0	75				
FRANK'S	1123	2010	Wheat	80 Bu			70	0	25				
FRANK'S	1123	2011	Corn	160 Bu			190	0	45				
HOME 1	1113	2008	Corn	160 Bu			190	0	45				
HOME 1	1113	2009	Corn	160 Bu			190	0	45				
HOME 1	1113	2010	Soybean	55 Bu			0	0	70				
HOME 1	1113	2011	Wheat	80 Bu			70	0	25				
HOME 2	1113	2008	Soybean	55 Bu			0	0	0				
HOME 2	1113	2009	Corn	160 Bu			150	0	0				

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Field ID	Subfield ID	Crop Year	Planned Crop	Yield Goal (/Acre)	Yield Units	Legume % Stand	Default N Rec (Lb/A)	Default P ₂ O ₅ Rec (Lb/A)	Default K ₂ O Rec (Lb/A)	Custom N Rec (Lb/A)	Custom P ₂ O ₅ Rec (Lb/A)	Custom K ₂ O Rec (Lb/A)	Source Of Custom Fertilizer Recommendations
HOME 2	1113	2010	Corn	160 Bu			190	0	0				
HOME 2	1113	2011	Soybean	55 Bu			0	0	0				
HOME 4	1113	2008	Corn	180 Bu			175	75	100				
HOME 4	1113	2009	Soybean	55 Bu			0	45	120				
HOME 4	1113	2010	Corn	180 Bu			175	75	100				
HOME 4	1113	2011	Soybean	55 Bu			0	45	120				
Messman E	856	2008	Soybean	55 Bu			0	0	0				
Messman E	856	2009	Wheat	80 Bu			70	0	0				
Messman E	856	2010	Corn	160 Bu			190	0	0				
Messman E	856	2011	Corn	160 Bu			190	0	0				
Messman W	855	2008	Soybean	55 Bu			0	45	70				
Messman W	855	2009	Wheat	80 Bu			70	70	25				
Messman W	855	2010	Corn	160 Bu			190	70	45				
Messman W	855	2011	Corn	160 Bu			190	70	45				
Stanley S	1125	2008	Wheat	80 Bu			70	85	55				

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Field ID	Subfield ID	Crop Year	Planned Crop	Yield Goal (/Acre)	Yield Units	Legume % Stand	Default N Rec (Lb/A)	Default P ₂ O ₅ Rec (Lb/A)	Default K ₂ O Rec (Lb/A)	Custom N Rec (Lb/A)	Custom P ₂ O ₅ Rec (Lb/A)	Custom K ₂ O Rec (Lb/A)	Source Of Custom Fertilizer Recommendations
Stanley S	1125	2009	Corn	160 Bu			190	80	75				
Stanley S	1125	2010	Corn	160 Bu			190	80	75				
Stanley S	1125	2011	Soybean	55 Bu			0	60	100				
Stanley N	1125	2008	Corn	160 Bu			190	90	120				
Stanley N	1125	2009	Soybean	55 Bu			0	70	145				
Stanley N	1125	2010	Wheat	80 Bu			70	95	100				
Stanley N	1125	2011	Corn	160 Bu			190	90	120				
HOME 3	1113	2008	Soybean	55 Bu			0	0	0				
HOME 3	1113	2009	Corn	160 Bu			150	0	0				
HOME 3	1113	2010	Soybean	55 Bu			0	0	0				
HOME 3	1113	2011	Corn	160 Bu			150	0	0				

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STORAGE

Storage ID	Storage Type	Units	Pumpable Or Spreadable Capacity	Manure On Hand At Start Of Plan	Notes
EARTHEN PIT	Earthen storage	Gal	1,300,000	10,000	
BUILDING 1	Underfloor liquid storage	Gal	65,000	5,000	8x8x144x7 pump to lagoon monthly BLD 1
BUILDING 2	Underfloor liquid storage	Gal	82,000	5,000	6x12x162x7 pump to lagoon monthly BLD 2
BUILDING 3	Underfloor liquid storage	Gal	200,000	10,000	8x building size pump to lagoon every 6 months BLD 3

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ANIMALS

Animal ID	Animal Type And Production Phase	Animal Weight (Lb)	Number Of Animals	Animals Present From	Animals Present Through	Manure Collected (%)	Extra Water (Gall/Animal/Day)	Bedding (Lb/Animal/Day)	Where Will Manure Be Stored?	Notes
BLD 1	Growing steer (beef)	700	200	Jan Early	Dec Late	100	1		BUILDING 1	
BLD 3	Finishing steer (beef)	1,100	150	Jan Early	Dec Late	100	0.2		BUILDING 3	
BLD 2	Growing steer (beef)	700	200	Jan Early	Dec Late	100	1		BUILDING 2	

RATIONS

Animal Group ID	Ration
BLD 1	Wet/Dry Feeding
BLD 3	Wet/Dry Feeding
BLD 2	Wet/Dry Feeding

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ESTIMATED ANALYSIS

Storage ID	Esti- mated Total N	Est. NH ₄ -N	Est. Total P ₂ O ₅	Est. Total K ₂ O	Est. Max. Avail. N	Est. Avail. P ₂ O ₅	Est. Avail. K ₂ O	Analysis Units	Estimated Manure Production	Production Units
EARTHEN PIT								Lb/1000Gal		Gal/Year
BUILDING 1	37.7	10.2	16.3	28.3	19.8	16.3	28.3	Lb/1000Gal	596,000	Gal/Year
BUILDING 2	37.7	10.2	16.3	28.3	19.8	16.3	28.3	Lb/1000Gal	596,000	Gal/Year
BUILDING 3	43.6	11.8	21.1	32.2	22.9	21.1	32.2	Lb/1000Gal	542,000	Gal/Year

MEASURED ANALYSIS

Storage ID	Meas- ured Total N	Meas. NH ₄ -N	Meas. Total P ₂ O ₅	Meas. Total K ₂ O	Meas. Max. Avail. N	Meas. Avail. P ₂ O ₅	Meas. Avail. K ₂ O	Analysis Units	Meas. % Dry Matter	Measured Manure Production	Production Units	Source And Date Of Manure Analysis
EARTHEN PIT	27.0	20.0	27.0	30.0	22.1	27.0	30.0	Lb/1000Gal		0	Gal/Year	MIDWEST LABS 8-2006
BUILDING 1	27.0	20.0	27.0	30.0	22.5	27.0	30.0	Lb/1000Gal		550,000	Gal/Year	MIDWEST LABS 8-2006
BUILDING 2	27.0	20.0	27.0	30.0	22.5	27.0	30.0	Lb/1000Gal		730,000	Gal/Year	MIDWEST LABS 8-2006
BUILDING 3	27.0	20.0	27.0	30.0	22.5	27.0	30.0	Lb/1000Gal		700,000	Gal/Year	MIDWEST LABS 8-2006

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EQUIPMENT

Equipment ID	Spreader Or Applicator Type	Spreader Or Pump Capacity	Capacity Units	Minimum Application Rate	Rate Units	Application Width Or Area	Rate Units	Notes
CUSTOM TANKER	Liquid spreader, injected	7,200 Gal	Gal	2,000	Gal/A	16	Feet	

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MANURE APPLICATIONS, Part 1

Application Date	Field Where Manure Will Be Applied	Source Of Manure	Application Equipment	Days To Incorporate	Rate (/Acre)	Rate Basis	Loads	Amount Applied	Area Covered (Acres)	Apply At Or For	Units
Apr 2008	Aebley 1 843	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	18.9	136,080	15.6	2,250	Feet/Load
Apr 2008	CAPS 1 1123	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	19.4	139,680	16.1	2,250	Feet/Load
Apr 2008	CAPS 3 1123	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	14.5	104,400	12	2,250	Feet/Load
Apr 2008	HOME 4 1113	EARTHEN PIT	CUSTOM TANKER		8,100	IAC recommended N-based rate	21.9	157,680	19.5	2,420	Feet/Load
Sep 2008	Stanley S 1125	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	20.2	145,440	16.7	2,250	Feet/Load
Oct 2008	CAPS 1 1123	EARTHEN PIT	CUSTOM TANKER		8,300	IAC recommended N-based rate	18.5	133,200	16	2,360	Feet/Load
Oct 2008	CAPS 2 1123	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	17.2	123,840	14.2	2,250	Feet/Load
Oct 2008	CAPS 3 1123	EARTHEN PIT	CUSTOM TANKER		8,300	IAC recommended N-based rate	13.9	100,080	12.1	2,360	Feet/Load
Oct 2008	HOME 3 1113	EARTHEN PIT	CUSTOM TANKER		6,900	IAC recommended N-based rate	59.9	431,280	62.5	2,840	Feet/Load
Nov 2008	FRANK'S 1123	EARTHEN PIT	CUSTOM TANKER		6,900	IAC recommended N-based rate	14.4	103,680	15	2,840	Feet/Load
Apr 2009	HOME 1 1113	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	130.5	939,600	108	2,250	Feet/Load
Apr 2009	HOME 2 1113	EARTHEN PIT	CUSTOM TANKER		2,000	Custom rate	20	144,000	72	9,800	Feet/Load
Sep 2009	Messman E 856	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	37.5	270,000	31	2,250	Feet/Load
Sep 2009	Messman W 855	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	38.7	278,640	32	2,250	Feet/Load
Oct 2009	Aebley 2 843	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	40.8	293,760	33.8	2,250	Feet/Load

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Nov 2009	Abley 2 843	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	13.6	97,920	11.3	2,250	Feet/ Load
Nov 2009	Stanley S 1125	EARTHEN PIT	CUSTOM TANKER		8,300	IAC recommended N-based rate	14.2	102,240	12.3	2,360	Feet/ Load
Dec 2009	Stanley S 1125	EARTHEN PIT	CUSTOM TANKER		8,300	IAC recommended N-based rate	5.1	36,720	4.4	2,360	Feet/ Load
Apr 2010	HOME 2 1113	EARTHEN PIT	CUSTOM TANKER		6,500	Custom rate	64.6	465,000	71.5	3,020	Feet/ Load
Apr 2010	HOME 4 1113	EARTHEN PIT	CUSTOM TANKER		6,000	Custom rate	16.2	116,500	19.4	3,270	Feet/ Load
Sep 2010	Abley 1 843	EARTHEN PIT	CUSTOM TANKER		8,600	IAC recommended N-based rate	18.7	134,640	15.7	2,280	Feet/ Load
Sep 2010	Stanley N 1125	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	24.7	177,840	20.4	2,250	Feet/ Load
Oct 2010	Messman E 856	EARTHEN PIT	CUSTOM TANKER		8,300	IAC recommended N-based rate	35.8	257,760	31.1	2,360	Feet/ Load
Oct 2010	Messman W 855	EARTHEN PIT	CUSTOM TANKER		8,300	IAC recommended N-based rate	36.9	265,680	32	2,360	Feet/ Load
Nov 2010	Abley 2 843	EARTHEN PIT	CUSTOM TANKER		8,300	IAC recommended N-based rate	51.9	373,680	45	2,360	Feet/ Load
Nov 2010	HOME 3 1113	EARTHEN PIT	CUSTOM TANKER		6,800	IAC recommended N-based rate	26.9	193,680	28.5	2,880	Feet/ Load
Apr 2011	HOME 3 1113	EARTHEN PIT	CUSTOM TANKER		6,800	IAC recommended N-based rate	32.2	231,840	34.1	2,880	Feet/ Load
Sep 2011	CAPS 1 1123	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	19.4	139,680	16.1	2,250	Feet/ Load
Sep 2011	CAPS 2 1123	EARTHEN PIT	CUSTOM TANKER		8,600	IAC recommended N-based rate	17	122,400	14.2	2,280	Feet/ Load
Sep 2011	CAPS 3 1123	EARTHEN PIT	CUSTOM TANKER		8,700	IAC recommended N-based rate	14.5	104,400	12	2,250	Feet/ Load

Manure Management Plan Data

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Init. File Rev: 5/21/200
Soils File Rev: 5/29/200

Application Date	Field Where Manure Will Be Applied	Source Of Manure	Application Equipment	Days To Incorp.	Rate (/Acre)	Rate Basis	Loads	Amount Applied	Area Covered (Acres)	Apply At Or For	Units
Oct 2011	HOME 1 1113	EARTHEN PIT	CUSTOM TANKER		8,600	IAC recommended N-based rate	129	928,800	108	2,280	Feet/ Load

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 State: Illinois

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MANURE APPLICATIONS, Part 2

Application Date	Field Where Manure Will Be Applied	Avail. N (Lb/A)	N Balance (Lb/A)	Avail. P ₂ O ₅ (Lb/A)	P ₂ O ₅ Balance (Lb/A)	Avail. K ₂ O (Lb/A)	K ₂ O Balance (Lb/A)	Notes
Apr 2008	Abley 1 843	191	1	235	145	261	116	
Apr 2008	CAPS 1 1123	191	1	235	235	261	216	
Apr 2008	CAPS 3 1123	191	1	235	165	261	141	
Apr 2008	HOME 4 1113	177	2	219	144	243	143	
Sep 2008	Stanley S 1125	191	1	235	155	261	186	
Oct 2008	CAPS 1 1123	182	2	224	224	249	204	
Oct 2008	CAPS 2 1123	191	1	235	165	261	176	
Oct 2008	CAPS 3 1123	182	2	224	154	249	129	
Oct 2008	HOME 3 1113	151	1	186	186	207	207	
Nov 2008	FRANK'S 1123	151	1	186	186	207	132	
Apr 2009	HOME 1 1113	191	1	235	235	261	216	
Apr 2009	HOME 2 1113	44	-106	54	54	60	60	
Sep 2009	Messman E 856	191	1	235	235	261	261	
Sep 2009	Messman W 855	191	1	235	165	261	216	
Oct 2009	Abley 2 843	191	1	235	235	261	216	

Manure Management Plan Data

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Soils File Rev: 5/29/200

County: Stephenson
State: Illinois

Operation: MEIER FARMS
Plan File: Meier Farm.mmp
Plan Folder: C:\Program Files\MMP 0.26\Madison Consulting Plans

Application Date	Field Where Manure Will Be Applied	Avail. N (Lb/A)	N Balance (Lb/A)	Avail. P ₂ O ₅ (Lb/A)	P ₂ O ₅ Balance (Lb/A)	Avail. K ₂ O (Lb/A)	K ₂ O Balance (Lb/A)	Notes
Nov 2009	Aebley 2 843	191	1	235	235	261	216	
Nov 2009	Stanley S 1125	182	2	224	144	249	174	
Dec 2009	Stanley S 1125	182	2	224	144	249	174	
Apr 2010	HOME 2 1113	142	-46	176	176	195	195	
Apr 2010	HOME 4 1113	131	-40	162	87	180	80	
Sep 2010	Aebley 1 843	188	1	232	142	258	113	
Sep 2010	Stanley N 1125	191	1	235	145	261	141	
Oct 2010	Messman E 856	182	2	224	224	249	249	
Oct 2010	Messman W 855	182	2	224	154	249	204	
Nov 2010	Aebley 2 843	182	2	224	224	249	204	
Nov 2010	HOME 3 1113	149	2	184	184	204	204	
Apr 2011	HOME 3 1113	149	2	184	184	204	204	
Sep 2011	CAPS 1 1123	191	3	235	235	261	216	
Sep 2011	CAPS 2 1123	188	1	232	162	258	173	
Sep 2011	CAPS 3 1123	191	3	235	165	261	141	

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Application Date	Field Where Manure Will Be Applied	Avail. N (Lb/A)	N Balance (Lb/A)	Avail. P ₂ O ₅ (Lb/A)	P ₂ O ₅ Balance (Lb/A)	Avail. K ₂ O (Lb/A)	K ₂ O Balance (Lb/A)	Notes
Oct 2011	HOME 1 1113	188	1	232	232	258	213	

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Solis File Rev: 5/29/200

MANURE TRANSFERS

Transfer Date	Storage ID	Transfer Type	Amount	Units	Operation	Location	Imported Manure's Animal Type	Internal Transfer's Destination	Notes
Feb 2008	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Feb 2008	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Apr 2008	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Apr 2008	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Apr 2008	BUILDING 3	Transfer To	220,000	Gal				EARTHEN PIT	
Jun 2008	BUILDING 1	Transfer To	95,000	Gal				EARTHEN PIT	
Jun 2008	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Aug 2008	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Aug 2008	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Aug 2008	BUILDING 3	Transfer To	250,000	Gal				EARTHEN PIT	
Oct 2008	BUILDING 1	Transfer To	95,000	Gal				EARTHEN PIT	
Oct 2008	BUILDING 2	Transfer To	130,000	Gal				EARTHEN PIT	
Oct 2008	BUILDING 3	Transfer To	120,000	Gal				EARTHEN PIT	
Dec 2008	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Dec 2008	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	

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Transfer Date	Storage ID	Transfer Type	Amount	Units	Operation	Location	Imported Manure's Animal Type	Internal Transfer's Destination	Notes
Feb 2009	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Feb 2009	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Feb 2009	BUILDING 3	Transfer To	200,000	Gal				EARTHEN PIT	
Apr 2009	BUILDING 1	Transfer To	99,000	Gal				EARTHEN PIT	
Apr 2009	BUILDING 2	Transfer To	9,000	Gal				EARTHEN PIT	
Apr 2009	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Apr 2009	BUILDING 3	Transfer To	4,000	Gal				EARTHEN PIT	
Apr 2009	BUILDING 3	Transfer To	150,000	Gal				EARTHEN PIT	
Jun 2009	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Jun 2009	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Aug 2009	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Aug 2009	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Aug 2009	BUILDING 3	Transfer To	200,000	Gal				EARTHEN PIT	
Sep 2009	BUILDING 2	Transfer To	60,000	Gal				EARTHEN PIT	
Oct 2009	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	

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Transfer Date	Storage ID	Transfer Type	Amount	Units	Operation	Location	Imported Manure's Animal Type	Internal Transfer's Destination	Notes
Oct 2009	BUILDING 2	Transfer To	60,000	Gal				EARTHEN PIT	
Nov 2009	BUILDING 3	Transfer To	200,000	Gal				EARTHEN PIT	
Dec 2009	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Dec 2009	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Feb 2010	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Feb 2010	BUILDING 2	Transfer To	125,000	Gal				EARTHEN PIT	
Mar 2010	BUILDING 3	Transfer To	200,000	Gal				EARTHEN PIT	
Apr 2010	BUILDING 1	Transfer To	95,000	Gal				EARTHEN PIT	
Apr 2010	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Apr 2010	BUILDING 3	Transfer To	100,000	Gal				EARTHEN PIT	
Jun 2010	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Jun 2010	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Aug 2010	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Aug 2010	BUILDING 2	Transfer To	125,000	Gal				EARTHEN PIT	
Aug 2010	BUILDING 3	Transfer To	200,000	Gal				EARTHEN PIT	

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Transfer Date	Storage ID	Transfer Type	Amount	Units	Operation	Location	Imported Manure's Animal Type	Internal Transfer's Destination	Notes
Oct 2010	BUILDING 1	Transfer To	95,000	Gal				EARTHEN PIT	
Oct 2010	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Oct 2010	BUILDING 3	Transfer To	150,000	Gal				EARTHEN PIT	
Nov 2010	BUILDING 1	Transfer To	40,000	Gal				EARTHEN PIT	
Nov 2010	BUILDING 2	Transfer To	60,000	Gal				EARTHEN PIT	
Nov 2010	BUILDING 3	Transfer To	50,000	Gal				EARTHEN PIT	
Jan 2011	BUILDING 1	Transfer To	100,000	Gal				EARTHEN PIT	
Jan 2011	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Mar 2011	BUILDING 1	Transfer To	90,000	Gal				EARTHEN PIT	
Mar 2011	BUILDING 2	Transfer To	120,000	Gal				EARTHEN PIT	
Mar 2011	BUILDING 3	Transfer To	200,000	Gal				EARTHEN PIT	
Apr 2011	BUILDING 1	Transfer To	40,000	Gal				EARTHEN PIT	
Apr 2011	BUILDING 2	Transfer To	60,000	Gal				EARTHEN PIT	
Apr 2011	BUILDING 3	Transfer To	90,000	Gal				EARTHEN PIT	
Jun 2011	BUILDING 1	Transfer To	95,000	Gal				EARTHEN PIT	

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Application Date	Field Where Fertilizer Will Be Applied	Nutrient Source	Rate	Units	Rate Basis	Application Method	Area Covered (Acres)	N Applied (Lb/A)	P ₂ O ₅ Applied (Lb/A)	K ₂ O Applied (Lb/A)	Notes
Apr 2010	FRANK'S 1123	46-0-0	150	Lb/A		Surface broadcast	16.1	69	0	0	
Apr 2010	HOME 2 1113	46-0-0	413	Lb/A	1-yr N	Surface broadcast/incorporate	1.7	190	0	0	
Apr 2011	CAPS 1 1123	46-0-0	150	Lb/A		Surface broadcast	18.9	69	0	0	
Apr 2011	CAPS 2 1123	46-0-0	150	Lb/A		Surface broadcast	14.2	69	0	0	
Apr 2011	CAPS 3 1123	46-0-0	150	Lb/A		Surface broadcast	15.4	69	0	0	
Apr 2011	FRANK'S 1123	46-0-0	406	Lb/A	1-yr N	Surface broadcast/incorporate	16.1	187	0	0	
Apr 2011	HOME 1 1113	46-0-0	150	Lb/A		Surface broadcast	109.5	69	0	0	
Apr 2011	Messman E 856	46-0-0	350	Lb/A		Surface broadcast/incorporate	3.3	161	0	0	
Apr 2011	Messman E 856	0-0-60	100	Lb/A		Surface broadcast/incorporate	3.3	0	0	60	
Apr 2011	Messman E 856	18-46-0	150	Lb/A		Surface broadcast/incorporate	3.3	27	69	0	
Apr 2011	HOME 3 1113	46-0-0	326	Lb/A	1-yr N	Surface broadcast/incorporate	2.5	150	0	0	