

Developing a CNMP Using the Manure Management Planner MMP software

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Natural Resources Conservation
Service

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Operation

Address

Town State Zip Code

Contact

Office Phone Home Phone

E-mail Address

Notes

County

Starting Year Starting Month Years In Plan

Field ID	Subfield ID	Total Size (Acres) ★	Spreadable Size (Acres) ★	Storage Distance (Miles)	County (If Different From Operation's County)	Predominant Soil Type (Name, Texture, Survey Area ID, Map Symbol, Slope Range) <input type="button" value="Soil Info..."/>	Slope % (If Not Ave.)	Irrigated With Water	Is Not Owned	Watershed 12-Digit Code	★
» North Pivot		61.8	60	2		★		✓		160300010608	★
Airport Strip		50.1	50	1.75				✓		160300010608	
Cove Pivot		146.5	140	1.5				✓		160300010608	
Dairy		55	55	2				✓		160300010608	
Middle Pivot		109	105	1.5				✓		160300010608	
Feedlot pivot		91.4	90	0.5				✓		160300010608	
Gas Staton Fld		25.1	25	1				✓		160300010608	
Big Church Far		41	41	3				✓		160300010608	
Little Church F		5.3	5	3				✓		160300010608	
T Field		83	83	2				✓		160300010608	
Triangle Piece		24.1	24.1	1				✓		160300010608	

Fields Tab

Field ID	Subfield ID	Distance To Water (Feet)	Type Of Water	Slope Length (Feet)	Runoff Reduct. 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)	Irr. Type/Field S
» North Pivot		8,500	Reservoir	660		35		✓		1	2	0	0	0	Sprinkler/level border,
Airport Strip		8,200	Reservoir	660		35		✓		1	2	0	0	0	Sprinkler/level border,
Cove Pivot		6,500	Reservoir	660		35		✓		1	2	0	0	0	Sprinkler/level border,
Dairy		5,200	Reservoir	660		35		✓		1	2	0	0	0	Sprinkler/level border,
Middle Pivot		2,000	Reservoir	660		35		✓		1	2	0	0	0	Sprinkler/level border,
Feedlot pivot		150	Reservoir	660		150		✓		1	2	0	0	0	Sprinkler/level border,
Gas Staton Fld		2,000	Reservoir	660		35		✓		1	2	0	0	0	Sprinkler/level border,
Big Church Far															
Little Church F															
T Field															
Triangle Piece															

Assessment

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	Target pH	Estimated CEC	CEC	Lime (%)	NO3-N (ppm)	EC (mmhos/cm)	SO4-S (ppm)	
» North Pivot		2014		96	Olsen	899															
Airport Strip		2014		31	Olsen	438															
Cove Pivot		2014		22	Olsen	555															
Dairy		2014		47	Olsen	602															
Middle Pivot		2014		14	Olsen	408															
Feedlot pivot		2014		35	Olsen	817															
Gas Staton Fld					Olsen																
Big Church Far					Olsen																
Little Church F					Olsen																
T Field					Olsen																
Triangle Piece		2014		47	Olsen	602															

Soil Tests

Field ID	Subfield ID	Crop Year	Planned Crop (Or Second Crop If Double Cropping)	Yield Goal (/Acre)	Yield Units	Legume % Stand	Default N Rec (Lb/A)	Default P2O5 Rec (Lb/A)	Default K2O Rec (Lb/A)	Custom N Rec (Lb/A)	Custom P2O5 Rec (Lb/A)	Custom K2O Rec (Lb/A)
			<input type="button" value="Crop Info..."/> <input type="button" value="RUSLE2..."/>									
>> North Pivot		2015	Alfalfa	5 Ton	0	0	0	0	0			
North Pivot		2016	Grass (100%)	6 Ton	0	25	0	0	0			
North Pivot		2017	Alfalfa	5 Ton	100	0	0	0	0			
North Pivot		2018	Alfalfa	5 Ton	100	0	0	0	0			
North Pivot		2019	Alfalfa	5 Ton	100	0	0	0	0			
Airport Strip		2015	Alfalfa	5 Ton	100	0	0	0	0			
Airport Strip		2016	Alfalfa	5 Ton	0	0	0	0	0			
Airport Strip		2017	Grass (100%)	6 Ton	0	25	0	0	0			
Airport Strip		2018	Alfalfa	5 Ton	100	0	0	0	0			
Airport Strip		2019	Alfalfa	5 Ton	100	0	0	0	0			
Cove Pivot		2015	Alfalfa	5 Ton	100	0	0	0	0			
Cove Pivot		2016	Alfalfa	5 Ton	100	0	0	0	0			
Cove Pivot		2017	Alfalfa	5 Ton	100	0	0	0	0			
Cove Pivot		2018	Grass (100%)	6 Ton	0	25	0	0	0			
Cove Pivot		2019	Alfalfa	5 Ton	100	0	0	0	0			
Dairy		2015	Alfalfa	5 Ton	100	0	0	0	0			
Dairy		2016	Alfalfa	5 Ton	100	0	0	0	0			
Dairy		2017	Alfalfa	5 Ton	100	0	0	0	0			
Dairy		2018	Alfalfa	5 Ton	100	0	0	0	0			
Dairy		2019	Grass (100%)	6 Ton	0	25	0	0	0			
Middle Pivot		2015	Grass (100%)	6 Ton	0	25	25	0	0			
Middle Pivot		2016	Alfalfa	5 Ton	100	0	75	0	0			
Middle Pivot		2017	Alfalfa	5 Ton	100	0	75	0	0			

Crops

Storage ID	Storage Type	Units	Pumpable Or Spreadable Capacity	Manure On Hand At Start Of Plan	Notes
	<input type="button" value="Storage Info..."/>		<input type="button" value="Calc..."/>		
» Feedlots	Open lot	Ton	28,480	3,500	manure is pushed into static composting piles in the fall prior to the arrival of the cattle.

Storage

Animal Group ID	Animal Type And Production Phase	Average Weight (Lb)	Number Of Animals	Animals Present From	Animals Present Through	Manure Collected (%)	Extra Water (Gal/Animal /Day)	Bedding (Lb/Animal /Day)	Where Will Manure Be Stored?
» feedlot animals	Beef (Feeder)	700	4,500	Oct Early	Feb Late	100			Feedlots

Animals

Storage ID	Estimated Total N	Est. NH4-N	Est. Total P2O5	Est. Total K2O	Est. Max. Avail. N	Est. Avail. P2O5	Est. Avail. K2O	Analysis Units	Estimated Manure Production	Production Units	Measured Total N	Meas. NH4-N	Meas. Total P2O5	Meas. Total K2O	Meas. Max. Avail. N	Meas. Avail. P2O5	Meas. Avail. K2O	Analysis Units	Meas. % Dry Matter	Measured Manure Production
» Feedlots	6.3	2.3	8.5	9.8	3.7	6.8	8.3	Lb/Ton	14,132	Ton/Year								Lb/Ton		

Analysis

Equipment ID	Spreader Or Applicator Type	Spreader Or Pump Capacity	Capacity Units	Minimum Application Rate	Rate Units	Application Width Or Area	Width Or Area Units	Notes
» Kuhn/Knight	Solid spreader	18	Ton	10	Ton/A	20	Feet	This needs verification
Meyer	Solid spreader	12	Ton	10	Ton/A	20	Feet	

Equipment

