

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Lower Missouri River"/>	Watershed Code	<input type="text" value="10300200"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Cultivated Cropland"/>	Landuse Acres	<input type="text" value="215,800"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="150"/>	Percent TA of FA	<input type="text" value="20%"/>	Cost-Share Rate	<input type="text" value="50%"/>
<i>Estimated Time Frame = 5 years</i>	Participation Rate <small>(Based on Watershed Profile)</small>	COMPARE	<input type="text" value="65%"/>	Calculated Participation Rate <small>(Based on Projected Future Conditions)</small>	<input type="button" value="Next"/>

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Baseline	20%	43,160	Baseline	20%	8,632	Baseline	4%	8,632	8,632	0
			Progressive	45%	19,422					
			RMS	35%	15,106					
			<i>Must Total 100%</i>		<i>100%</i>					
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Progressive	60%	129,480	Progressive	40%	51,792	Progressive	33%	71,214	51,792	19,422
			RMS	60%	77,688					
			<i>Must Total 100%</i>		<i>100%</i>					
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	20%	43,160	RMS	100%	43,160	RMS	63%	135,954	43,160	92,794
Grand Totals	100%	215,800					100%	215,800	103,584	112,216

DOCUMENTATION SECTION

PRACTICE FACTOR SHEET

Only shaded practices are in this analysis.

Modify the formula for each Base, Prog, RMS to enter feet, no. or acres for each practice factor.

Please enter appropriate factor for each level of treatment (Baseline, Progressive, & RMS)

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Code	BASE	PROG	RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name
327	0.0%	0.0%	x 30.0%	PERCENT of TU	Conservation Cover (ac.) 327
328	x 100.0%	x 100.0%	x 100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
342	x 0.5%	x 0.5%	x 0.5%	PERCENT of TU	Critical Area Planting (ac.) 342
344	x 100.0%	0.0%	0.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344
345	0.0%	x 100.0%	x 100.0%	PERCENT of TU	Residue and Tillage Management, Mulch Till (ac.) 345
351	0	0	x 1	NUMBER per TU	Well Decommissioning (no.) 351
386	0	x 8,000	x 8,000	FEET per TU	Field Border (ft.) 386
391	0.0%	0.0%	x 5.0%	PERCENT of TU	Riparian Forest Buffer (ac.) 391
393	0.0%	0.0%	x 10.0%	PERCENT of TU	Filter Strip (ac.) 393
412	0.0%	x 2.0%	x 2.0%	PERCENT of TU	Grassed Waterway (ac.) 412
590	0.0%	x 95.0%	x 95.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	0.0%	x 95.0%	x 95.0%	PERCENT of TU	Pest Management (ac.) 595
600	x 5,000	x 5,000	x 5,000	FEET per TU	Terrace (ft.) 600
638	0	x 1	x 1	NUMBER per TU	Water & Sediment Control Basin (no.) 638
643	0.0%	0.0%	x 1.0%	PERCENT of TU	Restoration and Management of Declining Habitats (ac.) 643
644	0.0%	0.0%	x 1.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644
645	x 5.0%	x 5.0%	x 5.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645
340	100.0%	100.0%	100.0%	PERCENT of TU	Cover Crop (ac.) 340
329	100.0%	100.0%	100.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329
346	100.0%	100.0%	100.0%	PERCENT of TU	Residue and Tillage Management, Ridge Till (ac.) 346
430AA	500	660	660	FEET per TU	Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA
430DD	500	500	660	FEET per TU	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic
443	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation System, Surface and Subsurface (ac.) 443
449	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation Water Management (ac.) 449

Help

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200			LANDUSE ACRES		215,800		
LANDUSE TYPE		CULTIVATED CROPLAND			TYPICAL UNIT SIZE ACRES		150		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		65%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Sheet and Rill	Soil Erosion – Streambank	Soil Condition – Compaction	Water Quantity – Excessive Runoff, Flooding, or Ponding
Baseline System		System Rating ->			5	2	2	3	
Total Acreage at Baseline Level		43,160	8,632	0	8,632				
Conservation Crop Rotation (ac.) 328		43,160	8,632	0	8,632	4	0	2	
Critical Area Planting (ac.) 342		216	43	0	43	5	4	3	
Residue Management, Seasonal (ac.) 344		43,160	8,632	0	8,632	2	0	0	
Terrace (ft.) 600		1,438,667	287,733	0	287,733	5	1	-1	
Upland Wildlife Habitat Management (ac.) 645		2,158	432	0	432	3	1	0	
Progressive System		System Rating ->			5	2	2	4	
Total Acreage at Progressive Level		129,480	51,792	19,422	71,214				
Conservation Crop Rotation (ac.) 328		129,480	71,214	0	71,214	4	0	2	
Critical Area Planting (ac.) 342		647	356	0	356	5	4	3	
Field Border (ft.) 386		6,905,600	2,762,240	1,035,840	3,798,080	4	1	3	
Grassed Waterway (ac.) 412		2,590	1,036	388	1,424	0	1	0	
Nutrient Management (ac.) 590		123,006	49,202	18,451	67,653	0	0	-2	
Pest Management (ac.) 595		123,006	49,202	18,451	67,653	0	0	2	
Residue and Tillage Management, Mulch Till (ac.) 345		129,480	51,792	19,422	71,214	0	0	0	
Terrace (ft.) 600		4,316,000	2,373,800	0	2,373,800	5	1	-1	
Upland Wildlife Habitat Management (ac.) 645		6,474	3,561	0	3,561	3	1	0	
Water and Sediment Control Basin (no.) 638		863	345	129	475	0	0	0	
Resource Management System (RMS)		System Rating ->			5	3	4	4	
Total Acreage at RMS Level		43,160	43,160	92,794	135,954				
Conservation Cover (ac.) 327		12,948	12,948	27,838	40,786	5	1	3	
Conservation Crop Rotation (ac.) 328		43,160	135,954	0	135,954	4	0	2	
Critical Area Planting (ac.) 342		216	680	0	680	5	4	3	
Field Border (ft.) 386		2,301,867	6,445,227	805,653	7,250,880	4	1	3	
Filter Strip (ac.) 393		4,316	4,316	9,279	13,595	3	1	5	
Grassed Waterway (ac.) 412		863	2,417	302	2,719	0	1	0	
Nutrient Management (ac.) 590		41,002	114,806	14,351	129,156	0	0	-2	
Pest Management (ac.) 595		41,002	114,806	14,351	129,156	0	0	2	
Residue and Tillage Management, Mulch Till (ac.) 345		43,160	120,848	15,106	135,954	0	0	0	
Restoration and Management of Declining Habitats (ac.) 643		432	432	928	1,360	2	0	0	
Riparian Forest Buffer (ac.) 391		2,158	2,158	4,640	6,798	2	4	4	
Terrace (ft.) 600		1,438,667	4,531,800	0	4,531,800	5	1	-1	
Upland Wildlife Habitat Management (ac.) 645		2,158	6,798	0	6,798	3	1	0	
Water and Sediment Control Basin (no.) 638		288	806	101	906	0	0	0	
Well Decommissioning (no.) 351		288	288	619	906	0	0	0	
Wetland Wildlife Habitat Management (ac.) 644		432	432	928	1,360	0	0	0	

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200				LANDUSE ACRES		215,800	
LANDUSE TYPE		CULTIVATED CROPLAND				TYPICAL UNIT SIZE ACRES		150	
CONSERVATION INVESTMENT INFORMATION						ESTIMATED PARTICIPATION		65%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT				PRIVATE INVESTMENT		
		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive System Acres Treated		19,422							
Conservation Crop Rotation (ac.) 328		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Critical Area Planting (ac.) 342		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Field Border (ft.) 386		1,035,840	\$25,896	\$0	\$5,179	\$31,075	\$25,896	\$1,036	\$30,259
Grassed Waterway (ac.) 412		388	\$395,873	\$0	\$79,175	\$475,047	\$395,873	\$23,752	\$495,926
Nutrient Management (ac.) 590		18,451	\$0	\$701,319	\$140,264	\$765,142	\$0	\$233,773	\$359,859
Pest Management (ac.) 595		18,451	\$0	\$1,181,227	\$236,245	\$1,288,723	\$0	\$393,742	\$606,108
Residue and Tillage Management, Mulch Till (ac.) 345		19,422	\$0	\$582,660	\$116,532	\$635,684	\$0	\$194,220	\$298,973
Terrace (ft.) 600		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Upland Wildlife Habitat Management (ac.) 645		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water and Sediment Control Basin (no.) 638		129	\$129,480	\$0	\$25,896	\$155,376	\$129,480	\$12,948	\$184,022
Subtotal			\$551,249	\$2,465,205	\$603,291	\$3,351,047	\$551,249	\$859,471	\$1,975,147
Resource Management System (RMS) Acres Treated		92,794							
Conservation Cover (ac.) 327		27,838	\$1,761,462	\$0	\$352,292	\$2,113,755	\$1,761,462	\$35,229	\$1,909,860
Conservation Crop Rotation (ac.) 328		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Critical Area Planting (ac.) 342		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Field Border (ft.) 386		805,653	\$20,141	\$0	\$4,028	\$24,170	\$20,141	\$806	\$23,535
Filter Strip (ac.) 393		9,279	\$324,779	\$0	\$64,956	\$389,735	\$324,779	\$19,487	\$406,864
Grassed Waterway (ac.) 412		302	\$307,901	\$0	\$61,580	\$369,481	\$307,901	\$18,474	\$385,721
Nutrient Management (ac.) 590		14,351	\$0	\$545,470	\$109,094	\$595,110	\$0	\$181,823	\$279,890
Pest Management (ac.) 595		14,351	\$0	\$918,732	\$183,746	\$1,002,340	\$0	\$306,244	\$471,417
Residue and Tillage Management, Mulch Till (ac.) 345		15,106	\$0	\$453,180	\$90,636	\$494,421	\$0	\$151,060	\$232,534
Restoration and Management of Declining Habitats (ac.) 643		928	\$11,599	\$0	\$2,320	\$13,919	\$11,599	\$464	\$13,554
Riparian Forest Buffer (ac.) 391		4,640	\$756,271	\$0	\$151,254	\$907,525	\$756,271	\$15,125	\$819,985
Terrace (ft.) 600		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Upland Wildlife Habitat Management (ac.) 645		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water and Sediment Control Basin (no.) 638		101	\$100,707	\$0	\$20,141	\$120,848	\$100,707	\$10,071	\$143,128
Well Decommissioning (no.) 351		619	\$172,847	\$0	\$34,569	\$207,417	\$172,847	\$0	\$172,847
Wetland Wildlife Habitat Management (ac.) 644		928	\$0	\$41,757	\$8,351	\$45,557	\$0	\$13,919	\$21,426
Subtotal			\$3,455,708	\$1,959,139	\$1,082,969	\$6,284,278	\$3,455,708	\$752,702	\$4,880,762
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		27838.2	\$4,006,957	\$4,424,345	\$1,686,260	\$9,635,326	\$4,006,957	\$1,612,173	\$6,855,909

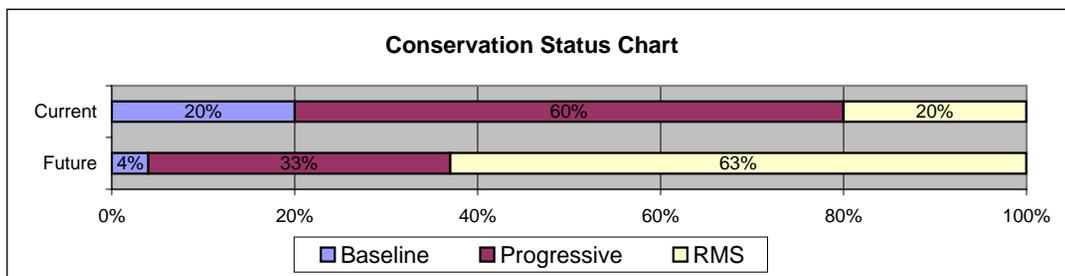


Chart Refers To	
Landuse Type	CULTIVATED CROPLAND
Estimated Participation Rate	65%

Average PV Costs per Ac		
System	Federal	Private
Prog	\$173	\$102
RMS	\$68	\$53

Estimated FTE per Year	3.4
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WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200						LANDUSE ACRES			215,800
LANDUSE TYPE		CULTIVATED CROPLAND						TYPICAL UNIT SIZE ACRES			150
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION			65%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT					OTHERS			NOTES/COMMENTS
		New Treatment Units	CTA	EQIP	WRP	WHIP	CSP	CRP/ CREP	Fed	State	
Progressive System Acres Treated		19,422									
Conservation Crop Rotation (ac.) 328	0	X	X								
Critical Area Planting (ac.) 342	0	X	X								
Field Border (ft.) 386	1,035,840	X	X				X				
Grassed Waterway (ac.) 412	388	X	X				X				
Nutrient Management (ac.) 590	18,451	X	X								
Pest Management (ac.) 595	18,451	X	X								
Residue and Tillage Management, Mulch Till (ac.) 345	19,422	X									
Terrace (ft.) 600	0	X	X				X				
Upland Wildlife Habitat Management (ac.) 645	0	X	X								
Water and Sediment Control Basin (no.) 638	129	X	X								
Resource Management System (RMS) Acres Treated		92,794									
Conservation Cover (ac.) 327	27,838	X	X				X				
Conservation Crop Rotation (ac.) 328	0	X	X								
Critical Area Planting (ac.) 342	0	X	X								
Field Border (ft.) 386	805,653	X	X				X				
Filter Strip (ac.) 393	9,279	X					X				
Grassed Waterway (ac.) 412	302	X	X				X				
Nutrient Management (ac.) 590	14,351	X	X								
Pest Management (ac.) 595	14,351	X	X								
Residue and Tillage Management, Mulch Till (ac.) 345	15,106	X									
Restoration and Management of Declining Habitats (ac.) 643	928	X	X	X							
Riparian Forest Buffer (ac.) 391	4,640	X	X								
Terrace (ft.) 600	0	X	X				X				
Upland Wildlife Habitat Management (ac.) 645	0	X	X								
Water and Sediment Control Basin (no.) 638	101	X	X								
Well Decommissioning (no.) 351	619	X	X								
Wetland Wildlife Habitat Management (ac.) 644	928	X	X	X							

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200				LANDUSE ACRES		215,800	
LANDUSE TYPE		CULTIVATED CROPLAND				TYPICAL UNIT SIZE ACRES		150	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		65%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Sheet and Rill	Soil Erosion – Streambank	Soil Condition – Compaction	Water Quantity – Excessive Runoff, Flooding, or Ponding
Baseline System		System Rating ->				5	2	2	3
Total Acreage at Baseline Level		43,160	8,632	0	8,632				
Conservation Crop Rotation (ac.) 328		43,160	8,632	0	8,632	4	0	2	2
Critical Area Planting (ac.) 342		216	43	0	43	5	4	3	0
Residue Management, Seasonal (ac.) 344		43,160	8,632	0	8,632	2	0	0	1
Terrace (ft.) 600		1,438,667	287,733	0	287,733	5	1	-1	4
Upland Wildlife Habitat Management (ac.) 645		2,158	432	0	432	3	1	0	1
Progressive System		System Rating ->				5	2	2	4
Total Acreage at Progressive Level		129,480	51,792	19,422	71,214				
Conservation Crop Rotation (ac.) 328		129,480	71,214	0	71,214	4	0	2	2
Critical Area Planting (ac.) 342		647	356	0	356	5	4	3	0
Field Border (ft.) 386		6,905,600	2,762,240	1,035,840	3,798,080	4	1	3	2
Grassed Waterway (ac.) 412		2,590	1,036	388	1,424	0	1	0	3
Nutrient Management (ac.) 590		123,006	49,202	18,451	67,653	0	0	-2	0
Pest Management (ac.) 595		123,006	49,202	18,451	67,653	0	0	2	0
Residue and Tillage Management, Mulch Till (ac.) 345		129,480	51,792	19,422	71,214	0	0	0	0
Terrace (ft.) 600		4,316,000	2,373,800	0	2,373,800	5	1	-1	4
Upland Wildlife Habitat Management (ac.) 645		6,474	3,561	0	3,561	3	1	0	1
Water and Sediment Control Basin (no.) 638		863	345	129	475	0	0	0	2
Resource Management System (RMS)		System Rating ->				5	3	4	4
Total Acreage at RMS Level		43,160	43,160	92,794	135,954				
Conservation Cover (ac.) 327		12,948	12,948	27,838	40,786	5	1	3	2
Conservation Crop Rotation (ac.) 328		43,160	135,954	0	135,954	4	0	2	2
Critical Area Planting (ac.) 342		216	680	0	680	5	4	3	0
Field Border (ft.) 386		2,301,867	6,445,227	805,653	7,250,880	4	1	3	2
Filter Strip (ac.) 393		4,316	4,316	9,279	13,595	3	1	5	0
Grassed Waterway (ac.) 412		863	2,417	302	2,719	0	1	0	3
Nutrient Management (ac.) 590		41,002	114,806	14,351	129,156	0	0	-2	0
Pest Management (ac.) 595		41,002	114,806	14,351	129,156	0	0	2	0
Residue and Tillage Management, Mulch Till (ac.) 345		43,160	120,848	15,106	135,954	0	0	0	0
Restoration and Management of Declining Habitats (ac.) 643		432	432	928	1,360	2	0	0	2
Riparian Forest Buffer (ac.) 391		2,158	2,158	4,640	6,798	2	4	4	3
Terrace (ft.) 600		1,438,667	4,531,800	0	4,531,800	5	1	-1	4
Upland Wildlife Habitat Management (ac.) 645		2,158	6,798	0	6,798	3	1	0	1
Water and Sediment Control Basin (no.) 638		288	806	101	906	0	0	0	2
Well Decommissioning (no.) 351		288	288	619	906	0	0	0	0
Wetland Wildlife Habitat Management (ac.) 644		432	432	928	1,360	0	0	0	1
CONSERVATION INVESTMENT INFORMATION									
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT				PRIVATE INVESTMENT		
		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive System Acres Treated		19422							
Conservation Crop Rotation (ac.) 328		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Critical Area Planting (ac.) 342		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Field Border (ft.) 386		1,035,840	\$25,896	\$0	\$5,179	\$31,075	\$25,896	\$1,036	\$30,259
Grassed Waterway (ac.) 412		388	\$395,873	\$0	\$79,175	\$475,047	\$395,873	\$23,752	\$495,926
Nutrient Management (ac.) 590		18,451	\$0	\$701,319	\$140,264	\$765,142	\$0	\$233,773	\$359,859
Pest Management (ac.) 595		18,451	\$0	\$1,181,227	\$236,245	\$1,288,723	\$0	\$393,742	\$606,108
Residue and Tillage Management, Mulch Till (ac.) 345		19,422	\$0	\$582,660	\$116,532	\$635,684	\$0	\$194,220	\$298,973
Terrace (ft.) 600		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Upland Wildlife Habitat Management (ac.) 645		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water and Sediment Control Basin (no.) 638		129	\$129,480	\$0	\$25,896	\$155,376	\$129,480	\$12,948	\$184,022
Subtotal			\$551,249	\$2,465,205	\$603,291	\$3,351,047	\$551,249	\$859,471	\$1,975,147
Resource Management System (RMS) Acres Treated		92794							
Conservation Cover (ac.) 327		27,838	\$1,761,462	\$0	\$352,292	\$2,113,755	\$1,761,462	\$35,229	\$1,909,860
Conservation Crop Rotation (ac.) 328		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Critical Area Planting (ac.) 342		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Field Border (ft.) 386		805,653	\$20,141	\$0	\$4,028	\$24,170	\$20,141	\$806	\$23,535
Filter Strip (ac.) 393		9,279	\$324,779	\$0	\$64,956	\$389,735	\$324,779	\$19,487	\$406,864
Grassed Waterway (ac.) 412		302	\$307,901	\$0	\$61,580	\$369,481	\$307,901	\$18,474	\$385,721
Nutrient Management (ac.) 590		14,351	\$0	\$545,470	\$109,094	\$595,110	\$0	\$181,823	\$279,890
Pest Management (ac.) 595		14,351	\$0	\$918,732	\$183,746	\$1,002,340	\$0	\$306,244	\$471,417
Residue and Tillage Management, Mulch Till (ac.) 345		15,106	\$0	\$453,180	\$90,636	\$494,421	\$0	\$151,060	\$232,534
Restoration and Management of Declining Habitats (ac.) 643		928	\$11,599	\$0	\$2,320	\$13,919	\$11,599	\$464	\$13,554
Riparian Forest Buffer (ac.) 391		4,640	\$756,271	\$0	\$151,254	\$907,525	\$756,271	\$15,125	\$819,985
Terrace (ft.) 600		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Upland Wildlife Habitat Management (ac.) 645		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water and Sediment Control Basin (no.) 638		101	\$100,707	\$0	\$20,141	\$120,848	\$100,707	\$10,071	\$143,128
Well Decommissioning (no.) 351		619	\$172,847	\$0	\$34,569	\$207,417	\$172,847	\$0	\$172,847
Wetland Wildlife Habitat Management (ac.) 644		928	\$0	\$41,757	\$8,351	\$45,557	\$0	\$13,919	\$21,426
Subtotal			\$3,455,708	\$1,959,139	\$1,082,969	\$6,284,278	\$3,455,708	\$752,702	\$4,880,762
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		112216	\$4,006,957	\$4,424,345	\$1,686,260	\$9,635,326	\$4,006,957	\$1,612,173	\$6,855,909

Note: Estimates for Matrices are for general planning purposes only and not based on actual funding.

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Lower Missouri River"/>	Watershed Code	<input type="text" value="10300200"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Non-Cultivated Crop"/>	Landuse Acres	<input type="text" value="70,800"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="20"/>	Percent TA of FA	<input type="text" value="20%"/>	Cost-Share Rate	<input type="text" value="50%"/>
<i>Estimated Time Frame = 5 years</i>	Participation Rate <small>(Based on Watershed Profile)</small>	COMPARE	<input type="text" value="3%"/>	Calculated Participation Rate <small>(Based on Projected Future Conditions)</small>	<input type="button" value="Next"/>

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Baseline	30%	21,240	Baseline	90%	19,116	Baseline	27%	19,116	19,116	0
			Progressive	10%	2,124					
			RMS	0%	0					
<i>Must Total 100%</i>			<i>100%</i>							
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Progressive	65%	46,020	Progressive	100%	46,020	Progressive	68%	48,144	46,020	2,124
			RMS	0%	0					
<i>Must Total 100%</i>			<i>100%</i>							
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	5%	3,540	RMS	100%	3,540	RMS	5%	3,540	3,540	0
Grand Totals	100%	70,800					100%	70,800	68,676	2,124

DOCUMENTATION SECTION

PRACTICE FACTOR SHEET						
Only shaded practices are in this analysis.						
Modify the formula for each Base, Prog, RMS to enter feet, no. or acres for each practice factor.						
Please enter appropriate factor for each level of treatment (Baseline, Progressive, & RMS)						
Code	BASE	PROG	RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name	Help
314	0.0%	x 75.0%	x 100.0%	PERCENT of TU	Brush Management (ac.) 314	
338	0.0%	0.0%	x 100.0%	PERCENT of TU	Prescribed Burning (ac.) 338	
342	0.0%	0.0%	x 5.0%	PERCENT of TU	Critical Area Planting (ac.) 342	
362	0	x 700	x 700	FEET per TU	Diversion (ft.) 362	
410	0	0	x 1	NUMBER per TU	Grade Stabilization Structure (no.) 410	
511	x 100.0%	x 100.0%	x 100.0%	PERCENT of TU	Forage Harvest Management (ac.) 511	
512	x 100.0%	x 100.0%	x 100.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512	
590	0.0%	x 100.0%	x 100.0%	PERCENT of TU	Nutrient Management (ac.) 590	
595	0.0%	0.0%	x 100.0%	PERCENT of TU	Pest Management (ac.) 595	
645	0.0%	0.0%	x 100.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645	
328	100.0%	100.0%	100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328	
329	100.0%	100.0%	100.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329	
344	100.0%	100.0%	100.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344	
346	100.0%	100.0%	100.0%	PERCENT of TU	Residue and Tillage Management, Ridge Till (ac.) 346	
430AA	500	660	660	FEET per TU	Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA	
430DD	500	500	660	FEET per TU	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plasti	
443	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation System, Surface and Subsurface (ac.) 443	
449	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation Water Management (ac.) 449	
464	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation Land Leveling (ac.) 464	
533	1	1	1	NUMBER per TU	Pumping Plant (no.) 533	
554	100.0%	100.0%	100.0%	PERCENT of TU	Drainage Water Management (ac.) 554	
587	3	2	1	NUMBER per TU	Structure for Water Control (no.) 587	
607	2,640	1,320	1,320	FEET per TU	Surface Drainage, Field Ditch (ft.) 607	
644	50.0%	50.0%	50.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644	

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200			LANDUSE ACRES		70,800		
LANDUSE TYPE		NON-CULTIVATED CROP			TYPICAL UNIT SIZE ACRES		20		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		3%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS		RESOURCE CONCERNS				
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Sheet and Rill	Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants	Plant Condition – Forage Quality and Palatability
Baseline System		System Rating ->			3	4	3	4	
Total Acreage at Baseline Level		21,240	19,116	0	19,116				
Forage Harvest Management (ac.) 511		21,240	19,116	0	19,116	3	4	4	4
Pasture and Hay Planting (ac.) 512		21,240	19,116	0	19,116	4	5	4	5
Progressive System		System Rating ->			3	4	4	4	
Total Acreage at Progressive Level		46,020	46,020	2,124	48,144				
Brush Management (ac.) 314		34,515	34,515	1,593	36,108	3	3	4	4
Diversion (ft.) 362		1,610,700	1,610,700	74,340	1,685,040	1	2	0	0
Forage Harvest Management (ac.) 511		46,020	48,144	0	48,144	3	4	4	4
Nutrient Management (ac.) 590		46,020	46,020	2,124	48,144	0	3	0	4
Pasture and Hay Planting (ac.) 512		46,020	48,144	0	48,144	4	5	4	5
Resource Management System (RMS)		System Rating ->			5	5	5	5	
Total Acreage at RMS Level		3,540	3,540	0	3,540				
Brush Management (ac.) 314		3,540	3,540	0	3,540	3	3	4	4
Critical Area Planting (ac.) 342		177	177	0	177	5	5	4	0
Diversion (ft.) 362		123,900	123,900	0	123,900	1	2	0	0
Forage Harvest Management (ac.) 511		3,540	3,540	0	3,540	3	4	4	4
Grade Stabilization Structure (no.) 410		177	177	0	177	0	0	0	0
Nutrient Management (ac.) 590		3,540	3,540	0	3,540	0	3	0	4
Pasture and Hay Planting (ac.) 512		3,540	3,540	0	3,540	4	5	4	5
Pest Management (ac.) 595		3,540	3,540	0	3,540	0	5	5	4
Prescribed Burning (ac.) 338		3,540	3,540	0	3,540	1	5	4	5
Upland Wildlife Habitat Management (ac.) 645		3,540	3,540	0	3,540	3	4	4	4

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200						LANDUSE ACRES			70,800	
LANDUSE TYPE		NON-CULTIVATED CROP						TYPICAL UNIT SIZE ACRES			20	
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION			3%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT					OTHERS			NOTES/COMMENTS	
		New Treatment Units	CTA	EQIP	WRP	WHIP	CSP	CRP/ CREP	Fed	State		District
Progressive System Acres Treated		2,124										
Brush Management (ac.) 314	1,593	X	X									
Diversion (ft.) 362	74,340	X	X	X								
Forage Harvest Management (ac.) 511	0	X										
Nutrient Management (ac.) 590	2,124	X	X									
Pasture and Hay Planting (ac.) 512	0	X	X									
Resource Management System (RMS) Acres Treated		0										
Brush Management (ac.) 314	0	X	X									
Critical Area Planting (ac.) 342	0	X	X									
Diversion (ft.) 362	0	X	X	X								
Forage Harvest Management (ac.) 511	0	X										
Grade Stabilization Structure (no.) 410	0	X	X									
Nutrient Management (ac.) 590	0	X	X									
Pasture and Hay Planting (ac.) 512	0	X	X									
Pest Management (ac.) 595	0	X	X									
Prescribed Burning (ac.) 338	0	X	X									
Upland Wildlife Habitat Management (ac.) 645	0	X	X									

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200			LANDUSE ACRES		70,800		
LANDUSE TYPE		NON-CULTIVATED CROP			TYPICAL UNIT SIZE ACRES		20		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		3%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Sheet and Rill	Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants	Plant Condition – Forage Quality and Palatability
Baseline System		System Rating ->			3	4	3	4	
Total Acreage at Baseline Level		21,240	19,116	0	19,116				
Forage Harvest Management (ac.) 511		21,240	19,116	0	19,116	3	4	4	
Pasture and Hay Planting (ac.) 512		21,240	19,116	0	19,116	4	5	5	
Progressive System		System Rating ->			3	4	4	4	
Total Acreage at Progressive Level		46,020	46,020	2,124	48,144				
Brush Management (ac.) 314		34,515	34,515	1,593	36,108	3	3	4	
Diversion (ft.) 362		1,610,700	1,610,700	74,340	1,685,040	1	2	0	
Forage Harvest Management (ac.) 511		46,020	48,144	0	48,144	3	4	4	
Nutrient Management (ac.) 590		46,020	46,020	2,124	48,144	0	3	4	
Pasture and Hay Planting (ac.) 512		46,020	48,144	0	48,144	4	5	5	
Resource Management System (RMS)		System Rating ->			5	5	5	5	
Total Acreage at RMS Level		3,540	3,540	0	3,540				
Brush Management (ac.) 314		3,540	3,540	0	3,540	3	3	4	
Critical Area Planting (ac.) 342		177	177	0	177	5	5	4	
Diversion (ft.) 362		123,900	123,900	0	123,900	1	2	0	
Forage Harvest Management (ac.) 511		3,540	3,540	0	3,540	3	4	4	
Grade Stabilization Structure (no.) 410		177	177	0	177	0	0	0	
Nutrient Management (ac.) 590		3,540	3,540	0	3,540	0	3	4	
Pasture and Hay Planting (ac.) 512		3,540	3,540	0	3,540	4	5	5	
Pest Management (ac.) 595		3,540	3,540	0	3,540	0	5	4	
Prescribed Burning (ac.) 338		3,540	3,540	0	3,540	1	5	5	
Upland Wildlife Habitat Management (ac.) 645		3,540	3,540	0	3,540	3	4	4	
CONSERVATION INVESTMENT INFORMATION									
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT			PRIVATE INVESTMENT			
		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive System Acres Treated		2124							
Brush Management (ac.) 314		1,593	\$70,642	\$0	\$14,128	\$84,770	\$70,642	\$1,413	\$76,593
Diversion (ft.) 362		74,340	\$63,932	\$0	\$12,786	\$76,719	\$63,932	\$2,557	\$74,705
Forage Harvest Management (ac.) 511		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Nutrient Management (ac.) 590		2,124	\$0	\$80,733	\$16,147	\$88,080	\$0	\$26,911	\$41,426
Pasture and Hay Planting (ac.) 512		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal			\$134,574	\$80,733	\$43,061	\$249,569	\$134,574	\$30,881	\$192,723
Resource Management System (RMS) Acres Treated		0							
Brush Management (ac.) 314		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Critical Area Planting (ac.) 342		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Diversion (ft.) 362		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Forage Harvest Management (ac.) 511		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grade Stabilization Structure (no.) 410		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Nutrient Management (ac.) 590		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pasture and Hay Planting (ac.) 512		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pest Management (ac.) 595		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Prescribed Burning (ac.) 338		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Upland Wildlife Habitat Management (ac.) 645		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal			\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		2124	\$134,574	\$80,733	\$43,061	\$249,569	\$134,574	\$30,881	\$192,723

Note: Estimates for Matrices are for general planning purposes only and not based on actual funding.

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Lower Missouri River"/>	Watershed Code	<input type="text" value="10300200"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Developed Land"/>	Landuse Acres	<input type="text" value="146,500"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="5"/>	Percent TA of FA	<input type="text" value="20%"/>	Cost-Share Rate	<input type="text" value="50%"/>
<i>Estimated Time Frame = 5 years</i>	Participation Rate <small>(Based on Watershed Profile)</small>	COMPARE	<input type="text" value="8%"/>	Calculated Participation Rate <small>(Based on Projected Future Conditions)</small>	<input type="button" value="Next"/>

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Baseline	75%	109,875	Baseline	90%	98,888	Baseline	68%	98,888	98,888	0
			Progressive	10%	10,988					
			RMS	0%	0					
			<i>Must Total 100%</i>		<i>100%</i>					
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Progressive	25%	36,625	Progressive	100%	36,625	Progressive	33%	47,613	36,625	10,988
			RMS	0%	0					
			<i>Must Total 100%</i>		<i>100%</i>					
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	0%	0	RMS	100%	0	RMS	--	0	0	0
Grand Totals	100%	146,500					100%	146,500	135,513	10,988

DOCUMENTATION SECTION

PRACTICE FACTOR SHEET						
		Only shaded practices are in this analysis.				
Modify the formula for each Base, Prog, RMS to enter feet, no. or acres for each practice factor.						
Please enter appropriate factor for each level of treatment (Baseline, Progressive, & RMS)						
Code	BASE	PROG		RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name 
348	0	x	1	0	NUMBER per TU	Dam, Diversion (no.) 348
350	x 1	x	1	0	NUMBER per TU	Sediment Basin (no.) 350
402	x 1		0	0	NUMBER per TU	Dam (no.) 402
484	x 75.0%	x	75.0%	0.0%	PERCENT of TU	Mulching (ac.) 484
554	x 50.0%	x	50.0%	0.0%	PERCENT of TU	Drainage Water Management (ac.) 554
560	x 500	x	500	0	FEET per TU	Access Road (ft.) 560
580	x 500	x	500	0	FEET per TU	Streambank & Shoreline Protection (ft.) 580
328	100.0%		100.0%	100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
329	100.0%		100.0%	100.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329
344	100.0%		100.0%	100.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344
346	100.0%		100.0%	100.0%	PERCENT of TU	Residue and Tillage Management, Ridge Till (ac.) 346
430AA	500		660	660	FEET per TU	Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA
430DD	500		500	660	FEET per TU	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plasti
443	100.0%		100.0%	100.0%	PERCENT of TU	Irrigation System, Surface and Subsurface (ac.) 443
449	100.0%		100.0%	100.0%	PERCENT of TU	Irrigation Water Management (ac.) 449
464	100.0%		100.0%	100.0%	PERCENT of TU	Irrigation Land Leveling (ac.) 464
533	1		1	1	NUMBER per TU	Pumping Plant (no.) 533
587	3		2	1	NUMBER per TU	Structure for Water Control (no.) 587
590	100.0%		100.0%	100.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	100.0%		100.0%	100.0%	PERCENT of TU	Pest Management (ac.) 595
607	2,640		1,320	1,320	FEET per TU	Surface Drainage, Field Ditch (ft.) 607
644	50.0%		50.0%	50.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644
659	10.0%		10.0%	10.0%	PERCENT of TU	Wetland Enhancement (ac.) 659
311	30.0%		30.0%	30.0%	PERCENT of TU	Alley Cropping (ac.) 311

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200						LANDUSE ACRES			146,500	
LANDUSE TYPE		DEVELOPED LAND						TYPICAL UNIT SIZE ACRES			5	
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION				8%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT					OTHERS			NOTES/COMMENTS	
		New Treatment Units	CTA	EQIP	WRP	WHIP	CSP	CRP/ CREP	Fed	State		District
Progressive System Acres Treated		10,988										
Access Road (ft.) 560		0	X									
Dam, Diversion (no.) 348		2,198	X									
Drainage Water Management (ac.) 554		0	X	X								
Mulching (ac.) 484		0	X		X							
Sediment Basin (no.) 350		0	X									
Streambank and Shoreline Protection (ft.) 580		1,098,750	X	X								
Resource Management System (RMS) Acres Treated		0										
No Conservation Practices being applied at this level		0										

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Lower Missouri River"/>	Watershed Code	<input type="text" value="10300200"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Pastureland"/>	Landuse Acres	<input type="text" value="103,300"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="40"/>	Percent TA of FA	<input type="text" value="20%"/>	Cost-Share Rate	<input type="text" value="50%"/>
<i>Estimated Time Frame = 5 years</i>	Participation Rate <small>(Based on Watershed Profile)</small>	COMPARE	<input type="text" value="29%"/>	Calculated Participation Rate <small>(Based on Projected Future Conditions)</small>	<input type="button" value="Next"/>

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Baseline	20%	20,660	Baseline	10%	2,066	Baseline	2%	2,066	2,066	0
			Progressive	85%	17,561					
			RMS	10%	2,066					
			<i>Must Total 100%</i>		<i>105%</i>					
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Progressive	70%	72,310	Progressive	90%	65,079	Progressive	80%	82,640	65,079	17,561
			RMS	10%	7,231					
			<i>Must Total 100%</i>		<i>100%</i>					
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	10%	10,330	RMS	100%	10,330	RMS	19%	19,627	10,330	9,297
Grand Totals	100%	103,300					101%	104,333	77,475	26,858

DOCUMENTATION SECTION

PRACTICE FACTOR SHEET

Only shaded practices are in this analysis.

Modify the formula for each Base, Prog, RMS to enter feet, no. or acres for each practice factor.

Please enter appropriate factor for each level of treatment (Baseline, Progressive, & RMS)

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Code	BASE	PROG	RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name
342	0.0%	0.0%	x 1.0%	PERCENT of TU	Critical Area Planting (ac.) 342
378	0	x 1	x 1	NUMBER per TU	Pond (no.) 378
382	x 5,280	x 7,920	x 10,560	FEET per TU	Fence (ft.) 382
410	x 1	0	0	NUMBER per TU	Grade Stabilization Structure (no.) 410
472	x 5.0%	x 5.0%	x 5.0%	PERCENT of TU	Use Exclusion (ac.) 472
511	0.0%	x 100.0%	x 100.0%	PERCENT of TU	Forage Harvest Management (ac.) 511
512	x 100.0%	x 100.0%	x 100.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
516	0	x 660	x 1,320	FEET per TU	Pipeline (ft.) 516
528	0.0%	x 100.0%	x 100.0%	PERCENT of TU	Prescribed Grazing (ac.) 528
574	0	0	x 1	NUMBER per TU	Spring Development (no.) 574
578	0	0	x 75	FEET per TU	Stream Crossing 578
590	0.0%	0.0%	x 90.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	0.0%	0.0%	x 90.0%	PERCENT of TU	Pest Management (ac.) 595
614	x 1	x 2	x 4	NUMBER per TU	Watering Facility (no.) 614
642	0	x 1	x 1	NUMBER per TU	Water Well (no.) 642
645	0.0%	0.0%	x 10.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645
666	0.0%	0.0%	x 10.0%	PERCENT of TU	Forest Stand Improvement (ac.) 666
412	5.0%	5.0%	5.0%	PERCENT of TU	Grassed Waterway (ac.) 412
328	100.0%	100.0%	100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
329	100.0%	100.0%	100.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329
344	100.0%	100.0%	100.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344
346	100.0%	100.0%	100.0%	PERCENT of TU	Residue and Tillage Management, Ridge Till (ac.) 346
430AA	500	660	660	FEET per TU	Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA
430DD	500	500	660	FEET per TU	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plasti

Help

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200			LANDUSE ACRES		103,300		
LANDUSE TYPE		PASTURELAND			TYPICAL UNIT SIZE ACRES		40		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		29%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Classic Gully	Plant Condition – Productivity, Health and Vigor	Plant Condition – Forage Quality and Palatability	Domestic Animals – Inadequate Stock Water
Baseline System		System Rating ->				3	4	4	3
Total Acreage at Baseline Level		20,660	2,066	0	2,066				
Fence (ft.) 382		2,727,120	272,712	0	272,712	0	0	0	0
Grade Stabilization Structure (no.) 410		517	52	0	52	5	0	0	0
Pasture and Hay Planting (ac.) 512		20,660	2,066	0	2,066	1	5	5	0
Use Exclusion (ac.) 472		1,033	103	0	103	2	4	4	1
Watering Facility (no.) 614		517	52	0	52	1	2	0	5
Progressive System		System Rating ->				3	5	4	5
Total Acreage at Progressive Level		72,310	65,079	17,561	82,640				
Fence (ft.) 382		14,317,380	15,203,694	1,159,026	16,362,720	0	0	0	0
Forage Harvest Management (ac.) 511		72,310	65,079	17,561	82,640	0	4	4	0
Pasture and Hay Planting (ac.) 512		72,310	82,640	0	82,640	1	5	5	0
Pipeline (ft.) 516		1,193,115	1,073,804	289,757	1,363,560	0	2	0	5
Pond (no.) 378		1,808	1,627	439	2,066	4	2	0	5
Prescribed Grazing (ac.) 528		72,310	65,079	17,561	82,640	2	5	4	0
Use Exclusion (ac.) 472		3,616	4,132	0	4,132	2	4	4	1
Water Well (no.) 642		1,808	1,627	439	2,066	0	1	0	5
Watering Facility (no.) 614		3,616	3,693	439	4,132	1	2	0	5
Resource Management System (RMS)		System Rating ->				4	5	5	5
Total Acreage at RMS Level		10,330	10,330	9,297	19,627				
Critical Area Planting (ac.) 342		103	103	93	196	4	5	0	0
Fence (ft.) 382		2,727,120	4,431,570	749,958	5,181,528	0	0	0	0
Forage Harvest Management (ac.) 511		10,330	17,561	2,066	19,627	0	4	4	0
Forest Stand Improvement (ac.) 666		1,033	1,033	930	1,963	3	5	4	0
Nutrient Management (ac.) 590		9,297	9,297	8,367	17,664	0	3	4	0
Pasture and Hay Planting (ac.) 512		10,330	19,627	0	19,627	1	5	5	0
Pest Management (ac.) 595		9,297	9,297	8,367	17,664	0	5	4	0
Pipeline (ft.) 516		340,890	460,202	187,490	647,691	0	2	0	5
Pond (no.) 378		258	439	52	491	4	2	0	5
Prescribed Grazing (ac.) 528		10,330	17,561	2,066	19,627	2	5	4	0
Spring Development (no.) 574		258	258	232	491	1	2	0	5
Stream Crossing (no.) 578		19,369	19,369	17,432	36,801	0	0	0	0
Upland Wildlife Habitat Management (ac.) 645		1,033	1,033	930	1,963	2	4	4	0
Use Exclusion (ac.) 472		517	981	0	981	2	4	4	1
Water Well (no.) 642		258	439	52	491	0	1	0	5
Watering Facility (no.) 614		1,033	1,446	517	1,963	1	2	0	5

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200				LANDUSE ACRES		103,300	
LANDUSE TYPE		PASTURELAND				TYPICAL UNIT SIZE ACRES		40	
CONSERVATION INVESTMENT INFORMATION						ESTIMATED PARTICIPATION		29%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT				PRIVATE INVESTMENT		
		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive System Acres Treated		17,561							
Fence (ft.) 382	1,159,026	\$846,089	\$0	\$169,218	\$1,015,307	\$846,089	\$84,609	\$1,202,492	
Forage Harvest Management (ac.) 511	17,561	\$70,244	\$0	\$14,049	\$84,293	\$70,244	\$21,073	\$159,012	
Pasture and Hay Planting (ac.) 512	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Pipeline (ft.) 516	289,757	\$311,488	\$0	\$62,298	\$373,786	\$311,488	\$0	\$311,488	
Pond (no.) 378	439	\$1,317,075	\$0	\$263,415	\$1,580,490	\$1,317,075	\$52,683	\$1,538,995	
Prescribed Grazing (ac.) 528	17,561	\$77,268	\$0	\$15,454	\$92,722	\$77,268	\$0	\$77,268	
Use Exclusion (ac.) 472	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Water Well (no.) 642	439	\$656,702	\$0	\$131,340	\$788,043	\$656,702	\$26,268	\$767,353	
Watering Facility (no.) 614	439	\$199,399	\$0	\$39,880	\$239,278	\$199,399	\$7,976	\$232,996	
Subtotal		\$3,478,266	\$0	\$695,653	\$4,173,919	\$3,478,266	\$192,609	\$4,289,605	
Resource Management System (RMS) Acres Treated		9,297							
Critical Area Planting (ac.) 342	93	\$22,135	\$0	\$4,427	\$26,562	\$22,135	\$443	\$24,000	
Fence (ft.) 382	749,958	\$547,469	\$0	\$109,494	\$656,963	\$547,469	\$54,747	\$778,083	
Forage Harvest Management (ac.) 511	2,066	\$8,264	\$0	\$1,653	\$9,917	\$8,264	\$2,479	\$18,707	
Forest Stand Improvement (ac.) 666	930	\$41,618	\$0	\$8,324	\$49,942	\$41,618	\$832	\$45,124	
Nutrient Management (ac.) 590	8,367	\$0	\$318,041	\$63,608	\$346,984	\$0	\$106,014	\$163,192	
Pasture and Hay Planting (ac.) 512	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Pest Management (ac.) 595	8,367	\$0	\$535,675	\$107,135	\$584,423	\$0	\$178,558	\$274,864	
Pipeline (ft.) 516	187,490	\$201,551	\$0	\$40,310	\$241,861	\$201,551	\$0	\$201,551	
Pond (no.) 378	52	\$154,950	\$0	\$30,990	\$185,940	\$154,950	\$6,198	\$181,058	
Prescribed Grazing (ac.) 528	2,066	\$9,090	\$0	\$1,818	\$10,908	\$9,090	\$0	\$9,090	
Spring Development (no.) 574	232	\$29,991	\$0	\$5,998	\$35,989	\$29,991	\$1,799	\$37,571	
Stream Crossing (no.) 578	17,432	\$16,295,927	\$0	\$3,259,185	\$19,555,112	\$16,295,927	\$325,919	\$17,668,814	
Upland Wildlife Habitat Management (ac.) 645	930	\$0	\$41,837	\$8,367	\$45,644	\$0	\$13,946	\$21,467	
Use Exclusion (ac.) 472	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Water Well (no.) 642	52	\$77,259	\$0	\$15,452	\$92,711	\$77,259	\$3,090	\$90,277	
Watering Facility (no.) 614	517	\$234,587	\$0	\$46,917	\$281,504	\$234,587	\$9,383	\$274,113	
Subtotal		\$17,622,842	\$895,552	\$3,703,679	\$22,124,461	\$17,622,842	\$703,408	\$19,787,913	
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		1159118.97	\$21,101,107	\$895,552	\$4,399,332	\$26,298,380	\$21,101,107	\$896,018	\$24,077,519

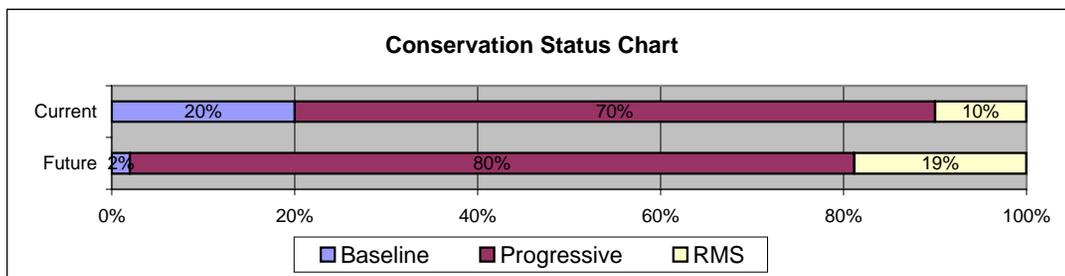


Chart Refers To	
Landuse Type	PASTURELAND
Estimated Participation Rate	29%

Average PV Costs per Ac		
System	Federal	Private
Prog	\$238	\$244
RMS	\$2,380	\$2,128

Estimated FTE per Year	8.8
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WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200						LANDUSE ACRES			103,300	
LANDUSE TYPE		PASTURELAND						TYPICAL UNIT SIZE ACRES			40	
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION			29%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT					OTHERS			NOTES/COMMENTS	
		New Treatment Units	CTA	EQIP	WRP	WHIP	CSP	CRP/ CREP	Fed	State		District
Progressive System Acres Treated		17,561										
Fence (ft.) 382	1,159,026	X	X									
Forage Harvest Management (ac.) 511	17,561	X										
Pasture and Hay Planting (ac.) 512	0	X	X									
Pipeline (ft.) 516	289,757	X	X									
Pond (no.) 378	439	X										
Prescribed Grazing (ac.) 528	17,561	X	X									
Use Exclusion (ac.) 472	0	X	X	X								
Water Well (no.) 642	439	X	X									
Watering Facility (no.) 614	439	X	X									
Resource Management System (RMS) Acres Treated		9,297										
Critical Area Planting (ac.) 342	93	X	X									
Fence (ft.) 382	749,958	X	X									
Forage Harvest Management (ac.) 511	2,066	X										
Forest Stand Improvement (ac.) 666	930	X	X									
Nutrient Management (ac.) 590	8,367	X	X									
Pasture and Hay Planting (ac.) 512	0	X	X									
Pest Management (ac.) 595	8,367	X	X									
Pipeline (ft.) 516	187,490	X	X									
Pond (no.) 378	52	X										
Prescribed Grazing (ac.) 528	2,066	X	X									
Spring Development (no.) 574	232	X	X									
Stream Crossing (no.) 578	17,432	X	X									
Upland Wildlife Habitat Management (ac.) 645	930	X	X									
Use Exclusion (ac.) 472	0	X	X	X								
Water Well (no.) 642	52	X	X									
Watering Facility (no.) 614	517	X	X									

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200				LANDUSE ACRES		103,300	
LANDUSE TYPE		PASTURELAND				TYPICAL UNIT SIZE ACRES		40	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		29%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Classic Gully	Plant Condition – Productivity, Health and Vigor	Plant Condition – Forage Quality and Palatability	Domestic Animals – Inadequate Stock Water
Baseline System		System Rating ->				3	4	4	3
Total Acreage at Baseline Level		20,660	2,066	0	2,066				
Fence (ft.) 382		2,727,120	272,712	0	272,712	0	0	0	0
Grade Stabilization Structure (no.) 410		517	52	0	52	5	0	0	0
Pasture and Hay Planting (ac.) 512		20,660	2,066	0	2,066	1	5	5	0
Use Exclusion (ac.) 472		1,033	103	0	103	2	4	4	1
Watering Facility (no.) 614		517	52	0	52	1	2	0	5
Progressive System		System Rating ->				3	5	4	5
Total Acreage at Progressive Level		72,310	65,079	17,561	82,640				
Fence (ft.) 382		14,317,380	15,203,694	1,159,026	16,362,720	0	0	0	0
Forage Harvest Management (ac.) 511		72,310	65,079	17,561	82,640	0	4	4	0
Pasture and Hay Planting (ac.) 512		72,310	82,640	0	82,640	1	5	5	0
Pipeline (ft.) 516		1,193,115	1,073,804	289,757	1,363,560	0	2	0	5
Pond (no.) 378		1,808	1,627	439	2,066	4	2	0	5
Prescribed Grazing (ac.) 528		72,310	65,079	17,561	82,640	2	5	4	0
Use Exclusion (ac.) 472		3,616	4,132	0	4,132	2	4	4	1
Water Well (no.) 642		1,808	1,627	439	2,066	0	1	0	5
Watering Facility (no.) 614		3,616	3,693	439	4,132	1	2	0	5
Resource Management System (RMS)		System Rating ->				4	5	5	5
Total Acreage at RMS Level		10,330	10,330	9,297	19,627				
Critical Area Planting (ac.) 342		103	103	93	196	4	5	0	0
Fence (ft.) 382		2,727,120	4,431,570	749,958	5,181,528	0	0	0	0
Forage Harvest Management (ac.) 511		10,330	17,561	2,066	19,627	0	4	4	0
Forest Stand Improvement (ac.) 666		1,033	1,033	930	1,963	3	5	4	0
Nutrient Management (ac.) 590		9,297	9,297	8,367	17,664	0	3	4	0
Pasture and Hay Planting (ac.) 512		10,330	19,627	0	19,627	1	5	5	0
Pest Management (ac.) 595		9,297	9,297	8,367	17,664	0	5	4	0
Pipeline (ft.) 516		340,890	460,202	187,490	647,691	0	2	0	5
Pond (no.) 378		258	439	52	491	4	2	0	5
Prescribed Grazing (ac.) 528		10,330	17,561	2,066	19,627	2	5	4	0
Spring Development (no.) 574		258	258	232	491	1	2	0	5
Stream Crossing (no.) 578		19,369	19,369	17,432	36,801	0	0	0	0
Upland Wildlife Habitat Management (ac.) 645		1,033	1,033	930	1,963	2	4	4	0
Use Exclusion (ac.) 472		517	981	0	981	2	4	4	1
Water Well (no.) 642		258	439	52	491	0	1	0	5
Watering Facility (no.) 614		1,033	1,446	517	1,963	1	2	0	5
CONSERVATION INVESTMENT INFORMATION									
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT				PRIVATE INVESTMENT		
		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive System Acres Treated		17561							
Fence (ft.) 382		1,159,026	\$846,089	\$0	\$169,218	\$1,015,307	\$846,089	\$84,609	\$1,202,492
Forage Harvest Management (ac.) 511		17,561	\$70,244	\$0	\$14,049	\$84,293	\$70,244	\$21,073	\$159,012
Pasture and Hay Planting (ac.) 512		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pipeline (ft.) 516		289,757	\$311,488	\$0	\$62,298	\$373,786	\$311,488	\$0	\$311,488
Pond (no.) 378		439	\$1,317,075	\$0	\$263,415	\$1,580,490	\$1,317,075	\$52,683	\$1,538,995
Prescribed Grazing (ac.) 528		17,561	\$77,268	\$0	\$15,454	\$92,722	\$77,268	\$0	\$77,268
Use Exclusion (ac.) 472		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Well (no.) 642		439	\$656,702	\$0	\$131,340	\$788,043	\$656,702	\$26,268	\$767,353
Watering Facility (no.) 614		439	\$199,399	\$0	\$39,880	\$239,278	\$199,399	\$7,976	\$232,996
Subtotal			\$3,478,266	\$0	\$695,653	\$4,173,919	\$3,478,266	\$192,609	\$4,289,605
Resource Management System (RMS) Acres Treated		9297							
Critical Area Planting (ac.) 342		93	\$22,135	\$0	\$4,427	\$26,562	\$22,135	\$443	\$24,000
Fence (ft.) 382		749,958	\$547,469	\$0	\$109,494	\$656,963	\$547,469	\$54,747	\$778,083
Forage Harvest Management (ac.) 511		2,066	\$8,264	\$0	\$1,653	\$9,917	\$8,264	\$2,479	\$18,707
Forest Stand Improvement (ac.) 666		930	\$41,618	\$0	\$8,324	\$49,942	\$41,618	\$832	\$45,124
Nutrient Management (ac.) 590		8,367	\$0	\$318,041	\$63,608	\$346,984	\$0	\$106,014	\$163,192
Pasture and Hay Planting (ac.) 512		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pest Management (ac.) 595		8,367	\$0	\$535,675	\$107,135	\$584,423	\$0	\$178,558	\$274,864
Pipeline (ft.) 516		187,490	\$201,551	\$0	\$40,310	\$241,861	\$201,551	\$0	\$201,551
Pond (no.) 378		52	\$154,950	\$0	\$30,990	\$185,940	\$154,950	\$6,198	\$181,058
Prescribed Grazing (ac.) 528		2,066	\$9,090	\$0	\$1,818	\$10,908	\$9,090	\$0	\$9,090
Spring Development (no.) 574		232	\$29,991	\$0	\$5,998	\$35,989	\$29,991	\$1,799	\$37,571
Stream Crossing (no.) 578		17,432	\$16,295,927	\$0	\$3,259,185	\$19,555,112	\$16,295,927	\$325,919	\$17,668,814
Upland Wildlife Habitat Management (ac.) 645		930	\$0	\$41,837	\$8,367	\$45,644	\$0	\$13,946	\$21,467
Use Exclusion (ac.) 472		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Well (no.) 642		52	\$77,259	\$0	\$15,452	\$92,711	\$77,259	\$3,090	\$90,277
Watering Facility (no.) 614		517	\$234,587	\$0	\$46,917	\$281,504	\$234,587	\$9,383	\$274,113
Subtotal			\$17,622,842	\$895,552	\$3,703,679	\$22,124,461	\$17,622,842	\$703,408	\$19,787,913
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		26858	\$21,101,107	\$895,552	\$4,399,332	\$26,298,380	\$21,101,107	\$896,018	\$24,077,519

Note: Estimates for Matrices are for general planning purposes only and not based on actual funding.

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Lower Missouri River"/>	Watershed Code	<input type="text" value="10300200"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Forestland"/>	Landuse Acres	<input type="text" value="415,300"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="90"/>	Percent TA of FA	<input type="text" value="20%"/>	Cost-Share Rate	<input type="text" value="50%"/>
<i>Estimated Time Frame = 5 years</i>	Participation Rate <small>(Based on Watershed Profile)</small>	COMPARE	<input type="text" value="17%"/>	Calculated Participation Rate <small>(Based on Projected Future Conditions)</small>	<input type="button" value="Next"/>

Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Baseline	85%	353,005	Baseline	80%	282,404	Baseline	68%	282,404	282,404	0
			Progressive	20%	70,601					
			RMS	0%	0					
			<i>Must Total 100%</i>		<i>100%</i>					
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
Progressive	15%	62,295	Progressive	100%	62,295	Progressive	32%	132,896	62,295	70,601
			RMS	0%	0					
			<i>Must Total 100%</i>		<i>100%</i>					
Current Conditions			Projected Change			Projected Future Condition				
System	Percent	Acres	System	Percent	Acres	System	Percent	Acres		
								Total	Static	Treated
RMS	0%	0	RMS	100%	0	RMS	--	0	0	0
Grand Totals	100%	415,300					100%	415,300	344,699	70,601

DOCUMENTATION SECTION

PRACTICE FACTOR SHEET

Only shaded practices are in this analysis.

Modify the formula for each Base, Prog, RMS to enter feet, no. or acres for each practice factor.

Please enter appropriate factor for each level of treatment (Baseline, Progressive, & RMS)

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Code	BASE	PROG	RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name
338	0.0%	x 30.0%	x 20.0%	PERCENT of TU	Prescribed Burning (ac.) 338
384	0.0%	0.0%	x 20.0%	PERCENT of TU	Forest Slash Treatment (ac.) 384
409	0.0%	0.0%	x 20.0%	PERCENT of TU	Prescribed Forestry (ac.) 409
410	0	x 1	0	NUMBER per TU	Grade Stabilization Structure (no.) 410
648	0	x 2	0	NUMBER per TU	Wildlife Watering Facility (no.) 648
655	x 5.0%	x 5.0%	x 5.0%	PERCENT of TU	Forest Trails & Landings (ac.) 655
666	0.0%	x 33.0%	x 20.0%	PERCENT of TU	Forest Stand Improvement (ac.) 666
328	100.0%	100.0%	100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
329	100.0%	100.0%	100.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329
344	100.0%	100.0%	100.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344
346	100.0%	100.0%	100.0%	PERCENT of TU	Residue and Tillage Management, Ridge Till (ac.) 346
430AA	500	660	660	FEET per TU	Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA
430DD	500	500	660	FEET per TU	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plasti
443	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation System, Surface and Subsurface (ac.) 443
449	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation Water Management (ac.) 449
464	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation Land Leveling (ac.) 464
533	1	1	1	NUMBER per TU	Pumping Plant (no.) 533
554	100.0%	100.0%	100.0%	PERCENT of TU	Drainage Water Management (ac.) 554
587	3	2	1	NUMBER per TU	Structure for Water Control (no.) 587
590	100.0%	100.0%	100.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	100.0%	100.0%	100.0%	PERCENT of TU	Pest Management (ac.) 595
607	2,640	1,320	1,320	FEET per TU	Surface Drainage, Field Ditch (ft.) 607
644	50.0%	50.0%	50.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644
659	10.0%	10.0%	10.0%	PERCENT of TU	Wetland Enhancement (ac.) 659

Help

WATERSHED NAME & CODE		LOWER MISSOURI RIVER - 10300200				LANDUSE ACRES		415,300	
LANDUSE TYPE		FORESTLAND				TYPICAL UNIT SIZE ACRES		90	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		17%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Classic Gully	Soil Erosion – Streambank	Soil Erosion – Road, Roadsides and Construction Sites	Plant Condition – Productivity, Health and Vigor
Baseline System		System Rating ->				0	0	0	1
Total Acreage at Baseline Level		353,005	282,404	0	282,404				
Forest Trails and Landings (ac.) 655		17,650	14,120	0	14,120	1	0	0	2
Progressive System		System Rating ->				4	3	0	4
Total Acreage at Progressive Level		62,295	62,295	70,601	132,896				
Forest Stand Improvement (ac.) 666		20,557	20,557	23,298	43,856	3	0	0	5
Forest Trails and Landings (ac.) 655		3,115	6,645	0	6,645	1	0	0	2
Grade Stabilization Structure (no.) 410		692	692	784	1,477	5	3	0	0
Prescribed Burning (ac.) 338		18,689	18,689	21,180	39,869	1	1	0	5
Wildlife Watering Facility (no.) 648		1,384	1,384	1,569	2,953	1	4	0	0
Resource Management System (RMS)		System Rating ->				2	3	0	5
Total Acreage at RMS Level		0	0	0	0				
Forest Slash Treatment (ac.) 384		0	0	0	0	0	0	0	5
Forest Stand Improvement (ac.) 666		0	0	0	0	3	0	0	5
Forest Trails and Landings (ac.) 655		0	0	0	0	1	0	0	2
Prescribed Burning (ac.) 338		0	0	0	0	1	1	0	5
Prescribed Forestry (ac.) 409		0	0	0	0	2	5	1	5
CONSERVATION INVESTMENT INFORMATION									
CONSERVATION SYSTEMS BY TREATMENT LEVELS		FUTURE	USDA INVESTMENT			PRIVATE INVESTMENT			
		New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost
Progressive System Acres Treated		70601							
Forest Stand Improvement (ac.) 666		23,298	\$1,042,950	\$0	\$208,590	\$1,251,540	\$1,042,950	\$20,859	\$1,130,815
Forest Trails and Landings (ac.) 655		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Grade Stabilization Structure (no.) 410		784	\$3,992,820	\$0	\$798,564	\$4,791,384	\$3,992,820	\$239,569	\$5,001,973
Prescribed Burning (ac.) 338		21,180	\$186,810	\$0	\$37,362	\$224,172	\$186,810	\$0	\$186,810
Wildlife Watering Facility (no.) 648		1,569	\$575,955	\$0	\$115,191	\$691,146	\$575,955	\$0	\$575,955
Subtotal			\$5,798,535	\$0	\$1,159,707	\$6,958,242	\$5,798,535	\$260,428	\$6,895,553
Resource Management System (RMS) Acres Treated		0							
Forest Slash Treatment (ac.) 384		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Forest Stand Improvement (ac.) 666		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Forest Trails and Landings (ac.) 655		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Prescribed Burning (ac.) 338		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Prescribed Forestry (ac.) 409		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal			\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		70601	\$5,798,535	\$0	\$1,159,707	\$6,958,242	\$5,798,535	\$260,428	\$6,895,553

Note: Estimates for Matrices are for general planning purposes only and not based on actual funding.