

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Upper Black"/>	Watershed Code	<input type="text" value="11010007"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Cultivated Cropland"/>	Landuse Acres	<input type="text" value="180,100"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="38"/>	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>	<input type="text" value="60%"/>	COMPARE	<input type="text" value="46%"/>	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	50%	90,050	Baseline	40%	36,020	Baseline	20%	36,020	36,020	0
			Progressive	57%	51,329					
			RMS	3%	2,702					
			<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	45%	81,045	Progressive	70%	56,732	Progressive	60%	108,060	56,732	51,329
			RMS	30%	24,314					
			<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%	9,005	RMS	100%	9,005	RMS	20%	36,020	9,005	27,015
Grand Totals	100%	180,100					100%	180,100	101,757	78,344

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)						
Back						Next
Code	BASE	PROG	RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name Help	
328	x 100.0%	x 100.0%	x 90.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328	
329	100.0%	x 100.0%	x 90.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329	
344	100.0%	x 100.0%	x 90.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344	
346	100.0%	100.0%	x 90.0%	PERCENT of TU	Residue and Tillage Management, Ridge Till (ac.) 346	
430AA	500	x 660	x 660	FEET per TU	Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA	
430DD	500	500	x 660	FEET per TU	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plasti	
443	100.0%	x 100.0%	x 100.0%	PERCENT of TU	Irrigation System, Surface and Subsurface (ac.) 443	
449	100.0%	100.0%	x 100.0%	PERCENT of TU	Irrigation Water Management (ac.) 449	
464	100.0%	x 100.0%	x 90.0%	PERCENT of TU	Irrigation Land Leveling (ac.) 464	
533	1	x 1	x 1	NUMBER per TU	Pumping Plant (no.) 533	
554	x 100.0%	x 100.0%	x 90.0%	PERCENT of TU	Drainage Water Management (ac.) 554	
587	x 3	x 2	x 1	NUMBER per TU	Structure for Water Control (no.) 587	
590	100.0%	100.0%	x 90.0%	PERCENT of TU	Nutrient Management (ac.) 590	
595	100.0%	100.0%	x 90.0%	PERCENT of TU	Pest Management (ac.) 595	
607	x 2,640	x 1,320	x 1,320	FEET per TU	Surface Drainage, Field Ditch (ft.) 607	
644	0.0%	40.0%	x 40.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644	
659	0.0%	0.0%	x 10.0%	PERCENT of TU	Wetland Enhancement (ac.) 659	
311	30.0%	30.0%	30.0%	PERCENT of TU	Alley Cropping (ac.) 311	
314	25.0%	25.0%	25.0%	PERCENT of TU	Brush Management (ac.) 314	
316	1	1	1	NUMBER per TU	Animal Mortality Facility (no.) 316	
330	100.0%	100.0%	100.0%	PERCENT of TU	Contour Farming (ac.) 330	
342	5.0%	5.0%	5.0%	PERCENT of TU	Critical Area Planting (ac.) 342	
365	1	1	1	NUMBER per TU	Anaerobic Digester, Ambient Temperature (no.) 365	
366	1	1	1	NUMBER per TU	Anaerobic Digester, Controlled Temperature (no.) 366	

WATERSHED NAME & CODE		UPPER BLACK - 11010007			LANDUSE ACRES		180,100		
LANDUSE TYPE		CULTIVATED CROPLAND			TYPICAL UNIT SIZE ACRES		38		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		46%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Irrigation induced	Water Quantity – Inefficient Water Use on Irrigated Land	Water Quality – Excessive Suspended Sediment and	Plant Condition – Productivity, Health and Vigor
Baseline System		System Rating ->				1	2	0	3
Total Acreage at Baseline Level		90,050	36,020	0	36,020				
Conservation Crop Rotation (ac.) 328		90,050	36,020	0	36,020	3	2	2	4
Drainage Water Management (ac.) 554		90,050	36,020	0	36,020	0	0	0	2
Structure for Water Control (no.) 587		7,109	2,844	0	2,844	0	2	1	0
Surface Drainage, Field Ditch (ft.) 607		6,256,105	2,502,442	0	2,502,442	0	3	-2	2
Progressive System		System Rating ->				3	4	2	4
Total Acreage at Progressive Level		81,045	56,732	51,329	108,060				
Conservation Crop Rotation (ac.) 328		81,045	108,060	0	108,060	3	2	2	4
Drainage Water Management (ac.) 554		81,045	108,060	0	108,060	0	0	0	2
Irrigation Land Leveling (ac.) 464		81,045	56,732	51,329	108,060	3	4	1	2
Irrigation System, Surface and Subsurface (no.) 443		81,045	56,732	51,329	108,060	-1	3	0	3
Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA		1,407,624	985,337	891,495	1,876,832	0	3	1	3
Pumping Plant (no.) 533		2,133	1,493	1,351	2,844	0	3	0	3
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		81,045	56,732	51,329	108,060	4	2	4	2
Residue Management, Seasonal (ac.) 344		81,045	56,732	51,329	108,060	2	1	1	2
Structure for Water Control (no.) 587		4,266	5,687	0	5,687	0	2	1	0
Surface Drainage, Field Ditch (ft.) 607		2,815,247	3,753,663	0	3,753,663	0	3	-2	2
Resource Management System (RMS)		System Rating ->				4	5	3	5
Total Acreage at RMS Level		9,005	9,005	27,015	36,020				
Conservation Crop Rotation (ac.) 328		8,105	32,418	0	32,418	3	2	2	4
Drainage Water Management (ac.) 554		8,105	32,418	0	32,418	0	0	0	2
Irrigation Land Leveling (ac.) 464		8,105	29,987	2,431	32,418	3	4	1	2
Irrigation System, Surface and Subsurface (no.) 443		9,005	33,319	2,702	36,020	-1	3	0	3
Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA		156,403	578,690	46,921	625,611	0	3	1	3
Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic (ft.) 430AA		156,403	156,403	469,208	625,611	0	3	1	3
Irrigation Water Management (ac.) 449		9,005	9,005	27,015	36,020	3	3	3	3
Nutrient Management (ac.) 590		8,105	8,105	24,314	32,418	0	0	0	3
Pest Management (ac.) 595		8,105	8,105	24,314	32,418	0	1	2	5
Pumping Plant (no.) 533		237	877	71	948	0	3	0	3
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		8,105	29,987	2,431	32,418	4	2	4	2
Residue and Tillage Management, Ridge Till (ac.) 346		8,105	8,105	24,314	32,418	0	0	0	0
Residue Management, Seasonal (ac.) 344		8,105	29,987	2,431	32,418	2	1	1	2
Structure for Water Control (no.) 587		237	948	0	948	0	2	1	0
Surface Drainage, Field Ditch (ft.) 607		312,805	1,251,221	0	1,251,221	0	3	-2	2
Wetland Enhancement (ac.) 659		901	901	2,702	3,602	0	0	2	4
Wetland Wildlife Habitat Management (ac.) 644		3,602	3,602	10,806	14,408	0	0	3	4

WATERSHED NAME & CODE		UPPER BLACK - 11010007				LANDUSE ACRES		180,100	
LANDUSE TYPE		CULTIVATED CROPLAND				TYPICAL UNIT SIZE ACRES		38	
CONSERVATION INVESTMENT INFORMATION						ESTIMATED PARTICIPATION		46%	
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		51,329							
Conservation Crop Rotation (ac.) 328	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Drainage Water Management (ac.) 554	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Irrigation Land Leveling (ac.) 464	51,329	\$4,905,978	\$0	\$981,196	\$5,887,174	\$4,905,978	\$294,359	\$6,145,924	
Irrigation System, Surface and Subsurface (no.) 443	51,329	\$43,500,904	\$0	\$8,700,181	\$52,201,085	\$43,500,904	\$1,740,036	\$50,830,569	
Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA	891,495	\$2,228,738	\$0	\$445,748	\$2,674,485	\$2,228,738	\$89,150	\$2,604,268	
Pumping Plant (no.) 533	1,351	\$5,404,520	\$0	\$1,080,904	\$6,485,424	\$5,404,520	\$216,181	\$6,315,152	
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329	51,329	\$0	\$2,791,757	\$558,351	\$3,045,818	\$0	\$930,586	\$1,432,499	
Residue Management, Seasonal (ac.) 344	51,329	\$0	\$769,928	\$153,986	\$839,994	\$0	\$256,643	\$395,063	
Structure for Water Control (no.) 587	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Surface Drainage, Field Ditch (ft.) 607	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Subtotal		\$56,040,139	\$3,561,685	\$11,920,365	\$71,133,979	\$56,040,139	\$3,526,953	\$67,723,474	
Resource Management System (RMS) Acres Treated		27,015							
Conservation Crop Rotation (ac.) 328	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Drainage Water Management (ac.) 554	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Irrigation Land Leveling (ac.) 464	2,431	\$232,388	\$0	\$46,478	\$278,866	\$232,388	\$13,943	\$291,123	
Irrigation System, Surface and Subsurface (no.) 443	2,702	\$2,289,521	\$0	\$457,904	\$2,747,426	\$2,289,521	\$91,581	\$2,675,293	
Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA	46,921	\$117,302	\$0	\$23,460	\$140,762	\$117,302	\$4,692	\$137,067	
Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic	469,208	\$10,280,345	\$0	\$2,056,069	\$12,336,414	\$10,280,345	\$411,214	\$12,012,527	
Irrigation Water Management (ac.) 449	27,015	\$0	\$810,450	\$162,090	\$884,204	\$0	\$270,150	\$415,856	
Nutrient Management (ac.) 590	24,314	\$0	\$924,156	\$184,831	\$1,008,258	\$0	\$308,052	\$474,200	
Pest Management (ac.) 595	24,314	\$0	\$1,556,550	\$311,310	\$1,698,203	\$0	\$518,850	\$798,693	
Pumping Plant (no.) 533	71	\$284,448	\$0	\$56,890	\$341,338	\$284,448	\$11,378	\$332,376	
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329	2,431	\$0	\$132,241	\$26,448	\$144,276	\$0	\$44,080	\$67,855	
Residue and Tillage Management, Ridge Till (ac.) 346	24,314	\$0	\$1,094,108	\$218,822	\$1,193,676	\$0	\$364,703	\$561,405	
Residue Management, Seasonal (ac.) 344	2,431	\$0	\$36,470	\$7,294	\$39,789	\$0	\$12,157	\$18,714	
Structure for Water Control (no.) 587	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Surface Drainage, Field Ditch (ft.) 607	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Wetland Enhancement (ac.) 659	2,702	\$405,225	\$0	\$81,045	\$486,270	\$405,225	\$24,314	\$507,642	
Wetland Wildlife Habitat Management (ac.) 644	10,806	\$0	\$486,270	\$97,254	\$530,523	\$0	\$162,090	\$249,514	
Subtotal		\$13,609,230	\$5,040,245	\$3,729,895	\$21,830,004	\$13,609,230	\$2,237,203	\$18,542,265	
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		0	\$69,649,369	\$8,601,930	\$15,650,260	\$92,963,982	\$69,649,369	\$5,764,157	\$86,265,739

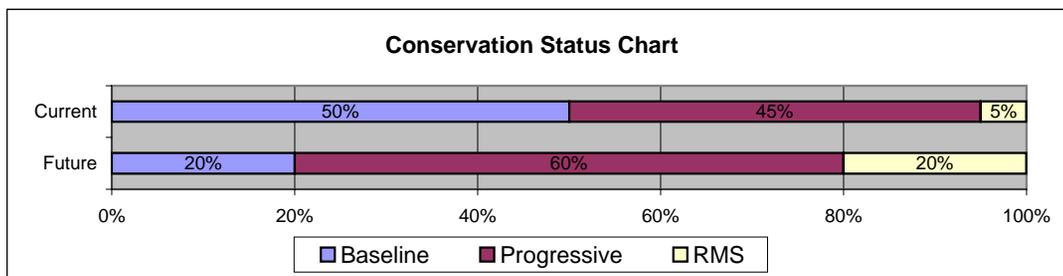


Chart Refers To	
Landuse Type	CULTIVATED CROPLAND
Estimated Participation Rate	46%

Average PV Costs per Ac		
System	Federal	Private
Prog	\$1,386	\$1,319
RMS	\$808	\$686

Estimated FTE per Year	31.3
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WATERSHED NAME & CODE		UPPER BLACK - 11010007						LANDUSE ACRES			180,100
LANDUSE TYPE		CULTIVATED CROPLAND						TYPICAL UNIT SIZE ACRES			38
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION				46%
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		51,329									
Conservation Crop Rotation (ac.) 328	0	X	X								
Drainage Water Management (ac.) 554	0	X	X								
Irrigation Land Leveling (ac.) 464	51,329	X	X								
Irrigation System, Surface and Subsurface (no.) 443	51,329	X	X								
Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA	891,495	X									
Pumping Plant (no.) 533	1,351	X	X								
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329	51,329	X	X								
Residue Management, Seasonal (ac.) 344	51,329	X									
Structure for Water Control (no.) 587	0	X	X	X							
Surface Drainage, Field Ditch (ft.) 607	0	X									
Resource Management System (RMS) Acres Treated		27,015									
Conservation Crop Rotation (ac.) 328	0	X	X								
Drainage Water Management (ac.) 554	0	X	X								
Irrigation Land Leveling (ac.) 464	2,431	X	X								
Irrigation System, Surface and Subsurface (no.) 443	2,702	X	X								
Irrigation Water Conveyance, Pipeline, Aluminum Tubing (ft.) 430AA	46,921	X									
Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic (469,208	X	X								
Irrigation Water Management (ac.) 449	27,015	X	X								
Nutrient Management (ac.) 590	24,314	X	X								
Pest Management (ac.) 595	24,314	X	X								
Pumping Plant (no.) 533	71	X	X								
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329	2,431	X	X								
Residue and Tillage Management, Ridge Till (ac.) 346	24,314	X									
Residue Management, Seasonal (ac.) 344	2,431	X									
Structure for Water Control (no.) 587	0	X	X	X							
Surface Drainage, Field Ditch (ft.) 607	0	X									
Wetland Enhancement (ac.) 659	2,702	X		X							
Wetland Wildlife Habitat Management (ac.) 644	10,806	X	X	X							

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Upper Black"/>	Watershed Code	<input type="text" value="11010007"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Non-Cultivated Crop"/>	Landuse Acres	<input type="text" value="39,200"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="12"/>	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>	<input type="text" value="35%"/>	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	70%	27,440	Baseline	75%	20,580	Baseline	53%	20,580	20,580	0
			Progressive	20%	5,488					
			RMS	5%	1,372					
			<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%	9,800	Progressive	60%	5,880	Progressive	29%	11,368	5,880	5,488
			RMS	40%	3,920					
			<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%	1,960	RMS	100%	1,960	RMS	19%	7,252	1,960	5,292
Grand Totals	100%	39,200					100%	39,200	28,420	10,780

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
314	x 20.0%	x 10.0%	x 5.0%	PERCENT of TU	Brush Management (ac.) 314
382	x 2,300	x 2,300	x 2,300	FEET per TU	Fence (ft.) 382
472	x 100.0%	x 100.0%	x 100.0%	PERCENT of TU	Use Exclusion (ac.) 472
511	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	100.0%	100.0%	x 100.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	100.0%	100.0%	x 100.0%	PERCENT of TU	Pest Management (ac.) 595
645	100.0%	x 100.0%	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
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		UPPER BLACK - 11010007			LANDUSE ACRES		39,200		
LANDUSE TYPE		NON-CULTIVATED CROP			TYPICAL UNIT SIZE ACRES		12		
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	Water Quantity – Inefficient Water Use on Nonirrigated Land	Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants	Domestic Animals – Inadequate Quantities and Quality of Feed
Baseline System		System Rating ->			2	4	4	4	
Total Acreage at Baseline Level		27,440	20,580	0	20,580				
Brush Management (ac.) 314		5,488	4,116	0	4,116	2	3	4	
Fence (ft.) 382		5,259,333	3,944,500	0	3,944,500	0	0	0	
Pasture and Hay Planting (ac.) 512		27,440	20,580	0	20,580	2	5	4	
Use Exclusion (ac.) 472		27,440	20,580	0	20,580	3	4	4	
Progressive System		System Rating ->			2	5	4	5	
Total Acreage at Progressive Level		9,800	5,880	5,488	11,368				
Brush Management (ac.) 314		980	1,137	0	1,137	2	3	4	
Fence (ft.) 382		1,878,333	2,178,867	0	2,178,867	0	0	0	
Forage Harvest Management (ac.) 511		9,800	5,880	5,488	11,368	1	4	4	
Pasture and Hay Planting (ac.) 512		9,800	11,368	0	11,368	2	5	4	
Upland Wildlife Habitat Management (ac.) 645		9,800	5,880	5,488	11,368	0	4	4	
Use Exclusion (ac.) 472		9,800	11,368	0	11,368	3	4	4	
Resource Management System (RMS)		System Rating ->			3	5	5	5	
Total Acreage at RMS Level		1,960	1,960	5,292	7,252				
Brush Management (ac.) 314		98	363	0	363	2	3	4	
Fence (ft.) 382		375,667	1,389,967	0	1,389,967	0	0	0	
Forage Harvest Management (ac.) 511		1,960	5,880	1,372	7,252	1	4	4	
Nutrient Management (ac.) 590		1,960	1,960	5,292	7,252	0	3	0	
Pasture and Hay Planting (ac.) 512		1,960	7,252	0	7,252	2	5	4	
Pest Management (ac.) 595		1,960	1,960	5,292	7,252	1	5	5	
Upland Wildlife Habitat Management (ac.) 645		1,960	5,880	1,372	7,252	0	4	4	
Use Exclusion (ac.) 472		1,960	7,252	0	7,252	3	4	4	

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Upper Black"/>	Watershed Code	<input type="text" value="11010007"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Pastureland"/>	Landuse Acres	<input type="text" value="69,200"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="15"/>	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>	<input type="text" value="35%"/>	COMPARE	<input type="text" value="22%"/>	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	72%	49,824	Baseline	82%	40,856	Baseline	59%	40,856	40,856	0
			Progressive	15%	7,474					
			RMS	3%	1,495					
			<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%	17,300	Progressive	65%	11,245	Progressive	27%	18,719	11,245	7,474
			RMS	35%	6,055					
			<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	3%	2,076	RMS	100%	2,076	RMS	14%	9,626	2,076	7,550
Grand Totals	100%	69,200					100%	69,200	54,177	15,023

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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Next

Code	BASE	PROG	RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name	Help
314	20.0%	x 15.0%	x 10.0%	PERCENT of TU	Brush Management (ac.) 314	
378	0	x 1	x 1	NUMBER per TU	Pond (no.) 378	
382	x 2,300	x 3,200	x 3,200	FEET per TU	Fence (ft.) 382	
391	0.0%	x 10.0%	x 15.0%	PERCENT of TU	Riparian Forest Buffer (ac.) 391	
490	10.0%	10.0%	x 15.0%	PERCENT of TU	Forest Site Preparation (ac.) 490	
511	100.0%	90.0%	x 85.0%	PERCENT of TU	Forage Harvest Management (ac.) 511	
512	x 100.0%	x 90.0%	x 85.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512	
528	100.0%	90.0%	x 85.0%	PERCENT of TU	Prescribed Grazing (ac.) 528	
561	10.0%	x 10.0%	x 5.0%	PERCENT of TU	Heavy Use Area Protection (ac.) 561	
578	50	x 50	x 50	FEET per TU	Stream Crossing 578	
580	500	x 500	x 500	FEET per TU	Streambank & Shoreline Protection (ft.) 580	
590	100.0%	90.0%	x 85.0%	PERCENT of TU	Nutrient Management (ac.) 590	
595	100.0%	100.0%	x 100.0%	PERCENT of TU	Pest Management (ac.) 595	
612	10.0%	10.0%	x 15.0%	PERCENT of TU	Tree/Shrub Establishment (ac.) 612	
614	1	x 1	x 1	NUMBER per TU	Watering Facility (no.) 614	
645	100.0%	100.0%	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, 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	

WATERSHED NAME & CODE		UPPER BLACK - 11010007			LANDUSE ACRES		69,200		
LANDUSE TYPE		PASTURELAND			TYPICAL UNIT SIZE ACRES		15		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		22%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Streambank	Water Quality – Excessive Suspended Sediment and	Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants
Baseline System		System Rating ->			0	1	3	2	
Total Acreage at Baseline Level		49,824	40,856	0	40,856				
Fence (ft.) 382		7,639,680	6,264,538	0	6,264,538	0	0	0	
Pasture and Hay Planting (ac.) 512		49,824	40,856	0	40,856	0	2	5	
Progressive System		System Rating ->			4	4	4	4	
Total Acreage at Progressive Level		17,300	11,245	7,474	18,719				
Brush Management (ac.) 314		2,595	1,687	1,121	2,808	1	3	3	
Fence (ft.) 382		3,690,667	3,544,885	448,416	3,993,301	0	0	0	
Heavy Use Area Protection (ac.) 561		1,730	1,125	747	1,872	3	2	3	
Pasture and Hay Planting (ac.) 512		15,570	16,847	0	16,847	0	2	5	
Pond (no.) 378		1,153	750	498	1,248	1	3	2	
Stream Crossing (no.) 578		57,667	37,483	24,912	62,395	0	0	0	
Streambank and Shoreline Protection (ft.) 580		576,667	374,833	249,120	623,953	4	3	4	
Watering Facility (no.) 614		1,153	750	498	1,248	4	2	2	
Resource Management System (RMS)		System Rating ->			4	5	5	5	
Total Acreage at RMS Level		2,076	2,076	7,550	9,626				
Brush Management (ac.) 314		208	813	149	963	1	3	3	
Fence (ft.) 382		442,880	1,963,804	89,683	2,053,487	0	0	0	
Forage Harvest Management (ac.) 511		1,765	1,765	6,417	8,182	0	2	4	
Heavy Use Area Protection (ac.) 561		104	407	75	481	3	2	3	
Nutrient Management (ac.) 590		1,765	1,765	6,417	8,182	0	0	3	
Pasture and Hay Planting (ac.) 512		1,765	8,182	0	8,182	0	2	5	
Pest Management (ac.) 595		2,076	2,076	7,550	9,626	0	2	5	
Pond (no.) 378		138	542	100	642	1	3	2	
Prescribed Grazing (ac.) 528		1,765	1,765	6,417	8,182	3	3	5	
Riparian Forest Buffer (ac.) 391		311	311	1,132	1,444	4	5	4	
Stream Crossing (no.) 578		6,920	27,103	4,982	32,086	0	0	0	
Streambank and Shoreline Protection (ft.) 580		69,200	271,033	49,824	320,857	4	3	4	
Tree/Shrub Establishment (ac.) 612		311	311	1,132	1,444	0	4	5	
Tree/Shrub Site Preparation (ac.) 490		311	311	1,132	1,444	0	-1	5	
Upland Wildlife Habitat Management (ac.) 645		2,076	2,076	7,550	9,626	1	2	4	
Watering Facility (no.) 614		138	542	100	642	4	2	2	

WATERSHED NAME & CODE		UPPER BLACK - 11010007						LANDUSE ACRES			69,200	
LANDUSE TYPE		PASTURELAND						TYPICAL UNIT SIZE ACRES			15	
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION			22%		
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		7,474										
Brush Management (ac.) 314	1,121	X	X									
Fence (ft.) 382	448,416	X	X									
Heavy Use Area Protection (ac.) 561	747	X	X									
Pasture and Hay Planting (ac.) 512	0	X	X									
Pond (no.) 378	498	X										
Stream Crossing (no.) 578	24,912	X	X									
Streambank and Shoreline Protection (ft.) 580	249,120	X	X									
Watering Facility (no.) 614	498	X	X									
Resource Management System (RMS) Acres Treated		7,550										
Brush Management (ac.) 314	149	X	X									
Fence (ft.) 382	89,683	X	X									
Forage Harvest Management (ac.) 511	6,417	X										
Heavy Use Area Protection (ac.) 561	75	X	X									
Nutrient Management (ac.) 590	6,417	X	X									
Pasture and Hay Planting (ac.) 512	0	X	X									
Pest Management (ac.) 595	7,550	X	X									
Pond (no.) 378	100	X										
Prescribed Grazing (ac.) 528	6,417	X	X									
Riparian Forest Buffer (ac.) 391	1,132	X	X									
Stream Crossing (no.) 578	4,982	X	X									
Streambank and Shoreline Protection (ft.) 580	49,824	X	X									
Tree/Shrub Establishment (ac.) 612	1,132	X	X	X								
Tree/Shrub Site Preparation (ac.) 490	1,132	X	X	X								
Upland Wildlife Habitat Management (ac.) 645	7,550	X	X									
Watering Facility (no.) 614	100	X	X									

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Upper Black"/>	Watershed Code	<input type="text" value="11010007"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Forestland-Private"/>	Landuse Acres	<input type="text" value="507,200"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="60"/>	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>	<input type="text" value="15%"/>	COMPARE	<input type="text" value="18%"/>	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	87%	441,264	Baseline	84%	370,662	Baseline	73%	370,662	370,662	0
			Progressive	15%	66,190					
			RMS	1%	4,413					
			<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	12%	60,864	Progressive	65%	39,562	Progressive	21%	105,751	39,562	66,190
			RMS	35%	21,302					
			<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	1%	5,072	RMS	100%	5,072	RMS	6%	30,787	5,072	25,715
Grand Totals	100%	507,200					100%	507,200	415,295	91,905

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	
338	100.0%		100.0%	x 30.0%	PERCENT of TU	Prescribed Burning (ac.) 338			
382	x 1,000	x 1,000	x 1,000		FEET per TU	Fence (ft.) 382			
409	100.0%		100.0%	x 100.0%	PERCENT of TU	Prescribed Forestry (ac.) 409			
472	x 98.0%	x 98.0%	x 98.0%		PERCENT of TU	Use Exclusion (ac.) 472			
490	10.0%	x 10.0%	x 10.0%		PERCENT of TU	Forest Site Preparation (ac.) 490			
561	10.0%		10.0%	x 10.0%	PERCENT of TU	Heavy Use Area Protection (ac.) 561			
612	10.0%	x 10.0%	x 10.0%		PERCENT of TU	Tree/Shrub Establishment (ac.) 612			
643	10.0%	x 10.0%	x 10.0%		PERCENT of TU	Restoration and Management of Declining Habitats (ac.) 643			
645	0.0%	x 40.0%	x 100.0%		PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645			
655	5.0%	x 5.0%	x 5.0%		PERCENT of TU	Forest Trails & Landings (ac.) 655			
666	10.0%	x 95.0%	x 95.0%		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			

WATERSHED NAME & CODE		UPPER BLACK - 11010007			LANDUSE ACRES		507,200		
LANDUSE TYPE		FORESTLAND-PRIVATE			TYPICAL UNIT SIZE ACRES		60		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		18%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Erosion – Road, Roadsides and Construction Sites	Plant Condition – Productivity, Health and Vigor	Plant Condition – Wildfire Hazard	Fish and Wildlife – T & E Species: Declining Species, Species of
Baseline System		System Rating ->			1	2	1	0	
Total Acreage at Baseline Level		441,264	370,662	0	370,662				
Fence (ft.) 382	7,354,400	6,177,696	0	6,177,696	0	0	0	0	
Use Exclusion (ac.) 472	432,439	363,249	0	363,249	2	4	3	1	
Progressive System		System Rating ->			1	5	4	4	
Total Acreage at Progressive Level		60,864	39,562	66,190	105,751				
Fence (ft.) 382	1,014,400	1,762,520	0	1,762,520	0	0	0	0	
Forest Stand Improvement (ac.) 666	57,821	37,584	62,880	100,464	0	5	3	0	
Forest Trails and Landings (ac.) 655	3,043	1,978	3,309	5,288	0	2	5	0	
Restoration and Management of Declining Habitats (ac.) 643	6,086	3,956	6,619	10,575	0	4	0	5	
Tree/Shrub Establishment (ac.) 612	6,086	3,956	6,619	10,575	2	5	0	2	
Tree/Shrub Site Preparation (ac.) 490	6,086	3,956	6,619	10,575	0	5	4	0	
Upland Wildlife Habitat Management (ac.) 645	24,346	15,825	26,476	42,300	0	4	0	4	
Use Exclusion (ac.) 472	59,647	103,636	0	103,636	2	4	3	1	
Resource Management System (RMS)		System Rating ->			2	5	5	4	
Total Acreage at RMS Level		5,072	5,072	25,715	30,787				
Fence (ft.) 382	84,533	513,117	0	513,117	0	0	0	0	
Forest Stand Improvement (ac.) 666	4,818	25,056	4,192	29,248	0	5	3	0	
Forest Trails and Landings (ac.) 655	254	1,319	221	1,539	0	2	5	0	
Heavy Use Area Protection (ac.) 561	507	507	2,572	3,079	3	3	0	0	
Prescribed Burning (ac.) 338	1,522	1,522	7,715	9,236	0	5	5	1	
Prescribed Forestry (ac.) 409	5,072	5,072	25,715	30,787	1	5	5	4	
Restoration and Management of Declining Habitats (ac.) 643	507	2,637	441	3,079	0	4	0	5	
Tree/Shrub Establishment (ac.) 612	507	2,637	441	3,079	2	5	0	2	
Tree/Shrub Site Preparation (ac.) 490	507	2,637	441	3,079	0	5	4	0	
Upland Wildlife Habitat Management (ac.) 645	5,072	13,593	17,194	30,787	0	4	0	4	
Use Exclusion (ac.) 472	4,971	30,171	0	30,171	2	4	3	1	

WATERSHED NAME & CODE		UPPER BLACK - 11010007				LANDUSE ACRES		507,200	
LANDUSE TYPE		FORESTLAND-PRIVATE				TYPICAL UNIT SIZE ACRES		60	
CONSERVATION INVESTMENT INFORMATION						ESTIMATED PARTICIPATION		18%	
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		66,190							
Fence (ft.) 382	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Forest Stand Improvement (ac.) 666	62,880	\$2,814,829	\$0	\$562,966	\$3,377,794	\$2,814,829	\$56,297	\$3,051,970	
Forest Trails and Landings (ac.) 655	3,309	\$1,971,672	\$0	\$394,334	\$2,366,007	\$1,971,672	\$78,867	\$2,303,888	
Restoration and Management of Declining Habitats (ac.) 643	6,619	\$82,737	\$0	\$16,547	\$99,284	\$82,737	\$3,309	\$96,678	
Tree/Shrub Establishment (ac.) 612	6,619	\$1,078,890	\$0	\$215,778	\$1,294,669	\$1,078,890	\$0	\$1,078,890	
Tree/Shrub Site Preparation (ac.) 490	6,619	\$0	\$889,390	\$177,878	\$970,328	\$0	\$296,463	\$456,361	
Upland Wildlife Habitat Management (ac.) 645	26,476	\$0	\$1,191,413	\$238,283	\$1,299,836	\$0	\$397,138	\$611,334	
Use Exclusion (ac.) 472	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Subtotal		\$5,948,128	\$2,080,802	\$1,605,786	\$9,407,918	\$5,948,128	\$832,074	\$7,599,123	
Resource Management System (RMS) Acres Treated		25,715							
Fence (ft.) 382	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Forest Stand Improvement (ac.) 666	4,192	\$187,655	\$0	\$37,531	\$225,186	\$187,655	\$3,753	\$203,465	
Forest Trails and Landings (ac.) 655	221	\$131,445	\$0	\$26,289	\$157,734	\$131,445	\$5,258	\$153,593	
Heavy Use Area Protection (ac.) 561	2,572	\$67,146,598	\$0	\$13,429,320	\$80,575,918	\$67,146,598	\$6,714,660	\$95,431,188	
Prescribed Burning (ac.) 338	7,715	\$68,042	\$0	\$13,608	\$81,650	\$68,042	\$0	\$68,042	
Prescribed Forestry (ac.) 409	25,715	\$642,876	\$0	\$128,575	\$771,451	\$642,876	\$0	\$642,876	
Restoration and Management of Declining Habitats (ac.) 643	441	\$5,516	\$0	\$1,103	\$6,619	\$5,516	\$221	\$6,445	
Tree/Shrub Establishment (ac.) 612	441	\$71,926	\$0	\$14,385	\$86,311	\$71,926	\$0	\$71,926	
Tree/Shrub Site Preparation (ac.) 490	441	\$0	\$59,293	\$11,859	\$64,689	\$0	\$19,764	\$30,424	
Upland Wildlife Habitat Management (ac.) 645	17,194	\$0	\$773,734	\$154,747	\$844,146	\$0	\$257,911	\$397,016	
Use Exclusion (ac.) 472	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Subtotal		\$68,254,058	\$833,026	\$13,817,417	\$82,813,705	\$68,254,058	\$7,001,567	\$97,004,975	
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		0	\$74,202,186	\$2,913,829	\$15,423,203	\$92,221,622	\$74,202,186	\$7,833,641	\$104,604,097

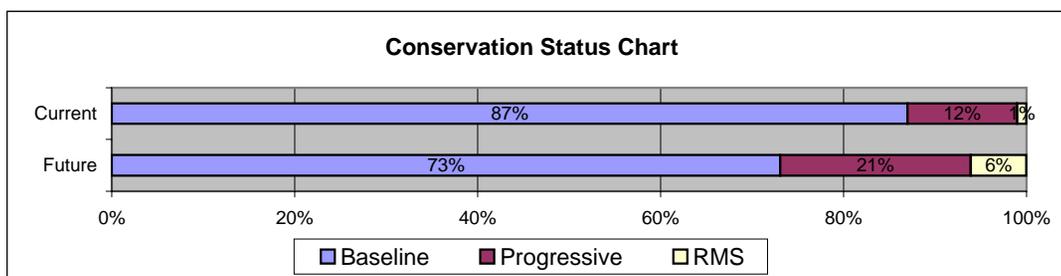


Chart Refers To	
Landuse Type	FORESTLAND-PRIVATE
Estimated Participation Rate	18%

Average PV Costs per Ac		
System	Federal	Private
Prog	\$142	\$115
RMS	\$3,220	\$3,772

Estimated FTE per Year	30.8
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WATERSHED NAME & CODE		UPPER BLACK - 11010007						LANDUSE ACRES			507,200	
LANDUSE TYPE		FORESTLAND-PRIVATE						TYPICAL UNIT SIZE ACRES			60	
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION			18%		
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		66,190										
Fence (ft.) 382	0	X	X									
Forest Stand Improvement (ac.) 666	62,880	X	X									
Forest Trails and Landings (ac.) 655	3,309	X										
Restoration and Management of Declining Habitats (ac.) 643	6,619	X	X	X								
Tree/Shrub Establishment (ac.) 612	6,619	X	X	X								
Tree/Shrub Site Preparation (ac.) 490	6,619	X	X	X								
Upland Wildlife Habitat Management (ac.) 645	26,476	X	X									
Use Exclusion (ac.) 472	0	X	X	X								
Resource Management System (RMS) Acres Treated		25,715										
Fence (ft.) 382	0	X	X									
Forest Stand Improvement (ac.) 666	4,192	X	X									
Forest Trails and Landings (ac.) 655	221	X										
Heavy Use Area Protection (ac.) 561	2,572	X	X									
Prescribed Burning (ac.) 338	7,715	X	X									
Prescribed Forestry (ac.) 409	25,715	X	X									
Restoration and Management of Declining Habitats (ac.) 643	441	X	X	X								
Tree/Shrub Establishment (ac.) 612	441	X	X	X								
Tree/Shrub Site Preparation (ac.) 490	441	X	X	X								
Upland Wildlife Habitat Management (ac.) 645	17,194	X	X									
Use Exclusion (ac.) 472	0	X	X	X								

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Upper Black"/>	Watershed Code	<input type="text" value="11010007"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Developed Land"/>	Landuse Acres	<input type="text" value="39,200"/>	Interest Rate	<input type="text" value="6%"/>
Typical Unit Size (ac)	<input type="text" value="2"/>	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>	<input type="text" value="5%"/>	COMPARE	<input type="text" value="7%"/>	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%	33,320	Baseline	95%	31,654	Baseline	81%	31,654	31,654	0
			Progressive	5%	1,666					
			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	14%	5,488	Progressive	80%	4,390	Progressive	15%	6,056	4,390	1,666
			RMS	20%	1,098					
			<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	1%	392	RMS	100%	392	RMS	4%	1,490	392	1,098
Grand Totals	100%	39,200					100%	39,200	36,436	2,764

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	x 5.0%	x 5.0%	x 5.0%	PERCENT of TU	Critical Area Planting (ac.) 342
362	500	x 500	x 500	FEET per TU	Diversion (ft.) 362
410	1	1	x 1	NUMBER per TU	Grade Stabilization Structure (no.) 410
484	0.0%	15.0%	x 20.0%	PERCENT of TU	Mulching (ac.) 484
490	10.0%	5.0%	x 5.0%	PERCENT of TU	Forest Site Preparation (ac.) 490
612	10.0%	5.0%	x 5.0%	PERCENT of TU	Tree/Shrub Establishment (ac.) 612
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
311	30.0%	30.0%	30.0%	PERCENT of TU	Alley Cropping (ac.) 311

