

Enter Watershed Variables Below

Watershed Name	<input type="text" value="Pomme de Terre"/>	Watershed Code	<input type="text" value="10290107"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Cultivated Cropland"/>	Landuse Acres	<input type="text" value="9,200"/>	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="41%"/>	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%	4,600	Baseline	50%	2,300	Baseline	25%	2,300	2,300	0
			Progressive	30%	1,380					
			RMS	20%	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
Progressive	40%	3,680	Progressive	70%	2,576	Progressive	43%	3,956	2,576	1,380
			RMS	30%	1,104					
			<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%	920	RMS	100%	920	RMS	32%	2,944	920	2,024
Grand Totals	100%	9,200					100%	9,200	5,796	3,404

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
328	0.0%	x 98.0%	x 98.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
329	x 20.0%	x 80.0%	x 98.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329
330	0.0%	x 80.0%	x 98.0%	PERCENT of TU	Contour Farming (ac.) 330
345	0.0%	x 80.0%	x 98.0%	PERCENT of TU	Residue and Tillage Management, Mulch Till (ac.) 345
412	0.0%	x 2.0%	x 2.0%	PERCENT of TU	Grassed Waterway (ac.) 412
511	x 60.0%	x 70.0%	x 80.0%	PERCENT of TU	Forage Harvest Management (ac.) 511
512	x 60.0%	x 70.0%	x 80.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
561	0.0%	0.0%	x 1.0%	PERCENT of TU	Heavy Use Area Protection (ac.) 561
590	x 50.0%	x 70.0%	x 98.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	0.0%	x 60.0%	x 98.0%	PERCENT of TU	Pest Management (ac.) 595
633	0.0%	0.0%	x 25.0%	PERCENT of TU	Waste Utilization (ac.) 633
313	0	0	0	NUMBER per TU	Waste Storage Facility (no.) 313
359	0	0	0	NUMBER per TU	Waste Treatment Lagoon (no.) 359
362	0	0	500	FEET per TU	Diversion (ft.) 362
410	0	0	1	NUMBER per TU	Grade Stabilization Structure (no.) 410
592	0	0	0	NUMBER per TU	Feed Management (no.) 592
600	0	0	5,000	FEET per TU	Terrace (ft.) 600
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
464	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation Land Leveling (ac.) 464

Help

WATERSHED NAME & CODE		POMME DE TERRE - 10290107			LANDUSE ACRES		9,200		
LANDUSE TYPE		CULTIVATED CROPLAND			TYPICAL UNIT SIZE ACRES		20		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		41%		
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 Condition – Organic Matter Depletion	Water Quantity – Excessive Runoff, Flooding, or Ponding	Water Quality – Excessive Nutrients and Organics in
Baseline System		System Rating ->			4	3	2	4	
Total Acreage at Baseline Level		4,600	2,300	0	2,300				
Forage Harvest Management (ac.) 511		2,760	1,380	0	1,380	3	1	2	2
Nutrient Management (ac.) 590		2,300	1,150	0	1,150	0	2	0	5
Pasture and Hay Planting (ac.) 512		2,760	1,380	0	1,380	4	4	2	2
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		920	460	0	460	5	4	2	1
Progressive System		System Rating ->			5	4	3	4	
Total Acreage at Progressive Level		3,680	2,576	1,380	3,956				
Conservation Crop Rotation (ac.) 328		3,606	2,524	1,352	3,877	4	4	2	2
Contour Farming (ac.) 330		2,944	2,061	1,104	3,165	3	2	1	3
Forage Harvest Management (ac.) 511		2,576	2,631	138	2,769	3	1	2	2
Grassed Waterway (ac.) 412		74	52	28	79	0	3	3	2
Nutrient Management (ac.) 590		2,576	2,493	276	2,769	0	2	0	5
Pasture and Hay Planting (ac.) 512		2,576	2,631	138	2,769	4	4	2	2
Pest Management (ac.) 595		2,208	1,546	828	2,374	0	2	0	0
Residue and Tillage Management, Mulch Till (ac.) 345		2,944	2,061	1,104	3,165	0	0	0	0
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		2,944	2,337	828	3,165	5	4	2	1
Resource Management System (RMS)		System Rating ->			5	5	3	4	
Total Acreage at RMS Level		920	920	2,024	2,944				
Conservation Crop Rotation (ac.) 328		902	1,984	902	2,885	4	4	2	2
Contour Farming (ac.) 330		902	1,785	1,100	2,885	3	2	1	3
Forage Harvest Management (ac.) 511		736	2,061	294	2,355	3	1	2	2
Grassed Waterway (ac.) 412		18	40	18	59	0	3	3	2
Heavy Use Area Protection (ac.) 561		9	9	20	29	3	0	0	1
Nutrient Management (ac.) 590		902	2,134	751	2,885	0	2	0	5
Pasture and Hay Planting (ac.) 512		736	2,061	294	2,355	4	4	2	2
Pest Management (ac.) 595		902	1,564	1,321	2,885	0	2	0	0
Residue and Tillage Management, Mulch Till (ac.) 345		902	1,785	1,100	2,885	0	0	0	0
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		902	1,969	916	2,885	5	4	2	1
Waste Utilization (ac.) 633		230	230	506	736	2	3	0	2

WATERSHED NAME & CODE		POMME DE TERRE - 10290107						LANDUSE ACRES			9,200	
LANDUSE TYPE		CULTIVATED CROPLAND						TYPICAL UNIT SIZE ACRES			20	
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION				41%	
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		1,380										
Conservation Crop Rotation (ac.) 328	1,352	X	X									
Contour Farming (ac.) 330	1,104	X										
Forage Harvest Management (ac.) 511	138	X										
Grassed Waterway (ac.) 412	28	X	X				X					
Nutrient Management (ac.) 590	276	X	X									
Pasture and Hay Planting (ac.) 512	138	X	X									
Pest Management (ac.) 595	828	X	X									
Residue and Tillage Management, Mulch Till (ac.) 345	1,104	X										
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329	828	X	X									
Resource Management System (RMS) Acres Treated		2,024										
Conservation Crop Rotation (ac.) 328	902	X	X									
Contour Farming (ac.) 330	1,100	X										
Forage Harvest Management (ac.) 511	294	X										
Grassed Waterway (ac.) 412	18	X	X				X					
Heavy Use Area Protection (ac.) 561	20	X	X									
Nutrient Management (ac.) 590	751	X	X									
Pasture and Hay Planting (ac.) 512	294	X	X									
Pest Management (ac.) 595	1,321	X	X									
Residue and Tillage Management, Mulch Till (ac.) 345	1,100	X										
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329	916	X	X									
Waste Utilization (ac.) 633	506	X	X									

WATERSHED NAME & CODE		POMME DE TERRE - 10290107			LANDUSE ACRES		9,200		
LANDUSE TYPE		CULTIVATED CROPLAND			TYPICAL UNIT SIZE ACRES		20		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		41%		
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 Condition – Organic Matter Depletion	Water Quantity – Excessive Runoff, Flooding, or Ponding	Water Quality – Excessive Nutrients and Organics in Surface Waters
Baseline System		System Rating ->			4	3	2	4	
Total Acreage at Baseline Level		4,600	2,300	0	2,300				
Forage Harvest Management (ac.) 511		2,760	1,380	0	1,380	3	1	2	
Nutrient Management (ac.) 590		2,300	1,150	0	1,150	0	2	0	
Pasture and Hay Planting (ac.) 512		2,760	1,380	0	1,380	4	4	2	
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		920	460	0	460	5	4	2	
Progressive System		System Rating ->			5	4	3	4	
Total Acreage at Progressive Level		3,680	2,576	1,380	3,956				
Conservation Crop Rotation (ac.) 328		3,606	2,524	1,352	3,877	4	4	2	
Contour Farming (ac.) 330		2,944	2,061	1,104	3,165	3	2	1	
Forage Harvest Management (ac.) 511		2,576	2,631	138	2,769	3	1	2	
Grassed Waterway (ac.) 412		74	52	28	79	0	3	3	
Nutrient Management (ac.) 590		2,576	2,493	276	2,769	0	2	0	
Pasture and Hay Planting (ac.) 512		2,576	2,631	138	2,769	4	4	2	
Pest Management (ac.) 595		2,208	1,546	828	2,374	0	2	0	
Residue and Tillage Management, Mulch Till (ac.) 345		2,944	2,061	1,104	3,165	0	0	0	
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		2,944	2,337	828	3,165	5	4	2	
Resource Management System (RMS)		System Rating ->			5	5	3	4	
Total Acreage at RMS Level		920	920	2,024	2,944				
Conservation Crop Rotation (ac.) 328		902	1,984	902	2,885	4	4	2	
Contour Farming (ac.) 330		902	1,785	1,100	2,885	3	2	1	
Forage Harvest Management (ac.) 511		736	2,061	294	2,355	3	1	2	
Grassed Waterway (ac.) 412		18	40	18	59	0	3	3	
Heavy Use Area Protection (ac.) 561		9	9	20	29	3	0	0	
Nutrient Management (ac.) 590		902	2,134	751	2,885	0	2	0	
Pasture and Hay Planting (ac.) 512		736	2,061	294	2,355	4	4	2	
Pest Management (ac.) 595		902	1,564	1,321	2,885	0	2	0	
Residue and Tillage Management, Mulch Till (ac.) 345		902	1,785	1,100	2,885	0	0	0	
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		902	1,969	916	2,885	5	4	2	
Waste Utilization (ac.) 633		230	230	506	736	2	3	0	
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		1380							
Conservation Crop Rotation (ac.) 328		1,352	\$0	\$60,858	\$12,172	\$66,396	\$0	\$20,286	\$31,227
Contour Farming (ac.) 330		1,104	\$0	\$16,560	\$3,312	\$18,067	\$0	\$5,520	\$8,497
Forage Harvest Management (ac.) 511		138	\$552	\$0	\$110	\$662	\$552	\$166	\$1,250
Grassed Waterway (ac.) 412		28	\$28,128	\$0	\$5,626	\$33,754	\$28,128	\$1,688	\$35,237
Nutrient Management (ac.) 590		276	\$0	\$10,491	\$2,098	\$11,445	\$0	\$3,497	\$5,383
Pasture and Hay Planting (ac.) 512		138	\$9,325	\$0	\$1,865	\$11,190	\$9,325	\$373	\$10,897
Pest Management (ac.) 595		828	\$0	\$53,009	\$10,602	\$57,833	\$0	\$17,670	\$27,200
Residue and Tillage Management, Mulch Till (ac.) 345		1,104	\$0	\$33,120	\$6,624	\$36,134	\$0	\$11,040	\$16,994
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		828	\$0	\$45,035	\$9,007	\$49,133	\$0	\$15,012	\$23,108
Subtotal			\$38,005	\$219,072	\$51,416	\$284,615	\$38,005	\$75,250	\$159,793
Resource Management System (RMS) Acres Treated		2024							
Conservation Crop Rotation (ac.) 328		902	\$0	\$40,572	\$8,114	\$44,264	\$0	\$13,524	\$20,818
Contour Farming (ac.) 330		1,100	\$0	\$16,505	\$3,301	\$18,007	\$0	\$5,502	\$8,469
Forage Harvest Management (ac.) 511		294	\$1,178	\$0	\$236	\$1,413	\$1,178	\$353	\$2,666
Grassed Waterway (ac.) 412		18	\$18,752	\$0	\$3,750	\$22,503	\$18,752	\$1,125	\$23,492
Heavy Use Area Protection (ac.) 561		20	\$528,503	\$0	\$105,701	\$634,203	\$528,503	\$52,850	\$751,127
Nutrient Management (ac.) 590		751	\$0	\$28,535	\$5,707	\$31,132	\$0	\$9,512	\$14,642
Pasture and Hay Planting (ac.) 512		294	\$19,894	\$0	\$3,979	\$23,873	\$19,894	\$796	\$23,246
Pest Management (ac.) 595		1,321	\$0	\$84,578	\$16,916	\$92,275	\$0	\$28,193	\$43,398
Residue and Tillage Management, Mulch Till (ac.) 345		1,100	\$0	\$33,010	\$6,602	\$36,014	\$0	\$11,003	\$16,938
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		916	\$0	\$49,839	\$9,968	\$54,374	\$0	\$16,613	\$25,573
Waste Utilization (ac.) 633		506	\$0	\$22,770	\$4,554	\$24,842	\$0	\$7,590	\$11,684
Subtotal			\$568,327	\$275,808	\$168,827	\$982,900	\$568,327	\$147,060	\$942,053
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		3404	\$606,332	\$494,880	\$220,242	\$1,267,515	\$606,332	\$222,311	\$1,101,846

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="Pomme de Terre"/>	Watershed Code	<input type="text" value="10290107"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Non-Cultivated Cropland"/>	Landuse Acres	<input type="text" value="88,500"/>	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="35%"/>	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	40%	35,400	Baseline	50%	17,700	Baseline	20%	17,700	17,700	0
			Progressive	30%	10,620					
			RMS	20%	7,080					
			<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	40%	35,400	Progressive	80%	28,320	Progressive	44%	38,940	28,320	10,620
			RMS	20%	7,080					
			<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%	17,700	RMS	100%	17,700	RMS	36%	31,860	17,700	14,160
Grand Totals	100%	88,500					100%	88,500	63,720	24,780

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)

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Code	BASE	PROG	RMS	SHORT NOTE <i>TU = Typical Unit Size</i>	Practice Name
314	0.0%	x 5.0%	x 10.0%	PERCENT of TU	Brush Management (ac.) 314
328	x 10.0%	x 20.0%	x 30.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
329	0.0%	x 50.0%	x 90.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329
412	0.0%	0.0%	x 1.0%	PERCENT of TU	Grassed Waterway (ac.) 412
472	0.0%	0.0%	x 100.0%	PERCENT of TU	Use Exclusion (ac.) 472
511	x 40.0%	x 60.0%	x 90.0%	PERCENT of TU	Forage Harvest Management (ac.) 511
512	0.0%	x 5.0%	x 10.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
590	x 30.0%	x 60.0%	x 90.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	0.0%	x 50.0%	x 90.0%	PERCENT of TU	Pest Management (ac.) 595
633	0.0%	0.0%	x 20.0%	PERCENT of TU	Waste Utilization (ac.) 633
313	0	0	1	NUMBER per TU	Waste Storage Facility (no.) 313
359	0	1	1	NUMBER per TU	Waste Treatment Lagoon (no.) 359
592	0	1	1	NUMBER per TU	Feed Management (no.) 592
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

Help

WATERSHED NAME & CODE		POMME DE TERRE - 10290107			LANDUSE ACRES		88,500		
LANDUSE TYPE		NON-CULTIVATED CROPLAND			TYPICAL UNIT SIZE ACRES		20		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		35%		
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 Condition – Contaminants: Animal Waste and Other Organics –	Water Quality – Excessive Nutrients and Organics in	Plant Condition – Noxious and Invasive Plants
Baseline System		System Rating ->			3	3	4	3	
Total Acreage at Baseline Level		35,400	17,700	0	17,700				
Conservation Crop Rotation (ac.) 328		3,540	1,770	0	1,770	4	4	2	3
Forage Harvest Management (ac.) 511		14,160	7,080	0	7,080	3	2	2	4
Nutrient Management (ac.) 590		10,620	5,310	0	5,310	0	2	5	0
Progressive System		System Rating ->			5	3	4	5	
Total Acreage at Progressive Level		35,400	28,320	10,620	38,940				
Brush Management (ac.) 314		1,770	1,416	531	1,947	3	0	0	4
Conservation Crop Rotation (ac.) 328		7,080	6,726	1,062	7,788	4	4	2	3
Forage Harvest Management (ac.) 511		21,240	21,240	2,124	23,364	3	2	2	4
Nutrient Management (ac.) 590		21,240	20,178	3,186	23,364	0	2	5	0
Pasture and Hay Planting (ac.) 512		1,770	1,416	531	1,947	4	4	2	4
Pest Management (ac.) 595		17,700	14,160	5,310	19,470	0	0	0	5
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		17,700	14,160	5,310	19,470	5	0	-1	0
Resource Management System (RMS)		System Rating ->			5	4	4	5	
Total Acreage at RMS Level		17,700	17,700	14,160	31,860				
Brush Management (ac.) 314		1,770	2,124	1,062	3,186	3	0	0	4
Conservation Crop Rotation (ac.) 328		5,310	7,434	2,124	9,558	4	4	2	3
Forage Harvest Management (ac.) 511		15,930	23,010	5,664	28,674	3	2	2	4
Grassed Waterway (ac.) 412		177	177	142	319	0	0	0	4
Nutrient Management (ac.) 590		15,930	22,302	6,372	28,674	0	2	5	0
Pasture and Hay Planting (ac.) 512		1,770	2,124	1,062	3,186	4	4	2	4
Pest Management (ac.) 595		15,930	19,470	9,204	28,674	0	0	0	5
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		15,930	19,470	9,204	28,674	5	0	-1	0
Use Exclusion (ac.) 472		17,700	17,700	14,160	31,860	2	2	1	4
Waste Utilization (ac.) 633		3,540	3,540	2,832	6,372	2	0	2	0

WATERSHED NAME & CODE		POMME DE TERRE - 10290107						LANDUSE ACRES			88,500	
LANDUSE TYPE		NON-CULTIVATED CROPLAND						TYPICAL UNIT SIZE ACRES			20	
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION				35%	
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		10,620										
Brush Management (ac.) 314	531	X	X									
Conservation Crop Rotation (ac.) 328	1,062	X	X									
Forage Harvest Management (ac.) 511	2,124	X										
Nutrient Management (ac.) 590	3,186	X	X									
Pasture and Hay Planting (ac.) 512	531	X	X									
Pest Management (ac.) 595	5,310	X	X									
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329	5,310	X	X									
Resource Management System (RMS) Acres Treated		14,160										
Brush Management (ac.) 314	1,062	X	X									
Conservation Crop Rotation (ac.) 328	2,124	X	X									
Forage Harvest Management (ac.) 511	5,664	X										
Grassed Waterway (ac.) 412	142	X	X				X					
Nutrient Management (ac.) 590	6,372	X	X									
Pasture and Hay Planting (ac.) 512	1,062	X	X									
Pest Management (ac.) 595	9,204	X	X									
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329	9,204	X	X									
Use Exclusion (ac.) 472	14,160	X	X	X								
Waste Utilization (ac.) 633	2,832	X	X									

WATERSHED NAME & CODE		POMME DE TERRE - 10290107				LANDUSE ACRES		88,500	
LANDUSE TYPE		NON-CULTIVATED CROPLAND				TYPICAL UNIT SIZE ACRES		20	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		35%	
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 Condition – Contaminants: Animal Waste and Other Organics –	Water Quality – Excessive Nutrients and Organics in Groundwater	Plant Condition – Noxious and Invasive Plants
Baseline System		System Rating ->				3	3	4	3
Total Acreage at Baseline Level		35,400	17,700	0	17,700				
Conservation Crop Rotation (ac.) 328		3,540	1,770	0	1,770	4	4	2	3
Forage Harvest Management (ac.) 511		14,160	7,080	0	7,080	3	2	2	4
Nutrient Management (ac.) 590		10,620	5,310	0	5,310	0	2	5	0
Progressive System		System Rating ->				5	3	4	5
Total Acreage at Progressive Level		35,400	28,320	10,620	38,940				
Brush Management (ac.) 314		1,770	1,416	531	1,947	3	0	0	4
Conservation Crop Rotation (ac.) 328		7,080	6,726	1,062	7,788	4	4	2	3
Forage Harvest Management (ac.) 511		21,240	21,240	2,124	23,364	3	2	2	4
Nutrient Management (ac.) 590		21,240	20,178	3,186	23,364	0	2	5	0
Pasture and Hay Planting (ac.) 512		1,770	1,416	531	1,947	4	4	2	4
Pest Management (ac.) 595		17,700	14,160	5,310	19,470	0	0	0	5
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		17,700	14,160	5,310	19,470	5	0	-1	0
Resource Management System (RMS)		System Rating ->				5	4	4	5
Total Acreage at RMS Level		17,700	17,700	14,160	31,860				
Brush Management (ac.) 314		1,770	2,124	1,062	3,186	3	0	0	4
Conservation Crop Rotation (ac.) 328		5,310	7,434	2,124	9,558	4	4	2	3
Forage Harvest Management (ac.) 511		15,930	23,010	5,664	28,674	3	2	2	4
Grassed Waterway (ac.) 412		177	177	142	319	0	0	0	4
Nutrient Management (ac.) 590		15,930	22,302	6,372	28,674	0	2	5	0
Pasture and Hay Planting (ac.) 512		1,770	2,124	1,062	3,186	4	4	2	4
Pest Management (ac.) 595		15,930	19,470	9,204	28,674	0	0	0	5
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		15,930	19,470	9,204	28,674	5	0	-1	0
Use Exclusion (ac.) 472		17,700	17,700	14,160	31,860	2	2	1	4
Waste Utilization (ac.) 633		3,540	3,540	2,832	6,372	2	0	2	0
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		10620							
Brush Management (ac.) 314		531	\$23,547	\$0	\$4,709	\$28,257	\$23,547	\$471	\$25,531
Conservation Crop Rotation (ac.) 328		1,062	\$0	\$47,790	\$9,558	\$52,139	\$0	\$15,930	\$24,522
Forage Harvest Management (ac.) 511		2,124	\$8,496	\$0	\$1,699	\$10,195	\$8,496	\$2,549	\$19,232
Nutrient Management (ac.) 590		3,186	\$0	\$121,100	\$24,220	\$132,120	\$0	\$40,367	\$62,138
Pasture and Hay Planting (ac.) 512		531	\$35,882	\$0	\$7,176	\$43,059	\$35,882	\$1,435	\$41,928
Pest Management (ac.) 595		5,310	\$0	\$339,946	\$67,989	\$370,883	\$0	\$113,315	\$174,432
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		5,310	\$0	\$288,811	\$57,762	\$315,094	\$0	\$96,270	\$148,194
Subtotal			\$67,926	\$797,647	\$173,114	\$951,747	\$67,926	\$270,337	\$495,978
Resource Management System (RMS) Acres Treated		14160							
Brush Management (ac.) 314		1,062	\$47,094	\$0	\$9,419	\$56,513	\$47,094	\$942	\$51,062
Conservation Crop Rotation (ac.) 328		2,124	\$0	\$95,580	\$19,116	\$104,278	\$0	\$31,860	\$49,044
Forage Harvest Management (ac.) 511		5,664	\$22,656	\$0	\$4,531	\$27,187	\$22,656	\$6,797	\$51,287
Grassed Waterway (ac.) 412		142	\$144,310	\$0	\$28,862	\$173,171	\$144,310	\$8,659	\$180,783
Nutrient Management (ac.) 590		6,372	\$0	\$242,200	\$48,440	\$264,241	\$0	\$80,733	\$124,277
Pasture and Hay Planting (ac.) 512		1,062	\$71,765	\$0	\$14,353	\$86,118	\$71,765	\$2,871	\$83,857
Pest Management (ac.) 595		9,204	\$0	\$589,240	\$117,848	\$642,863	\$0	\$196,413	\$302,349
Residue and Tillage Management, No-Till/Strip Till/Direct Seed (ac.) 329		9,204	\$0	\$500,606	\$100,121	\$546,163	\$0	\$166,869	\$256,869
Use Exclusion (ac.) 472		14,160	\$35,400	\$0	\$7,080	\$42,480	\$35,400	\$2,124	\$44,347
Waste Utilization (ac.) 633		2,832	\$0	\$127,440	\$25,488	\$139,038	\$0	\$42,480	\$65,392
Subtotal			\$321,225	\$1,555,065	\$375,258	\$2,082,052	\$321,225	\$539,747	\$1,209,266
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		24780	\$389,150	\$2,352,712	\$548,372	\$3,033,799	\$389,150	\$810,084	\$1,705,244

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="Pomme de Terre"/>	Watershed Code	<input type="text" value="10290107"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Developed Land"/>	Landuse Acres	<input type="text" value="16,300"/>	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="11%"/>	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%	13,855	Baseline	90%	12,470	Baseline	77%	12,470	12,470	0
			Progressive	5%	693					
			RMS	5%	693					
			<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	10%	1,630	Progressive	80%	1,304	Progressive	12%	1,997	1,304	693
			RMS	20%	326					
			<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%	815	RMS	100%	815	RMS	11%	1,834	815	1,019
Grand Totals	100%	16,300					100%	16,300	14,589	1,712

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
314	x 30.0%	x 50.0%	x 70.0%	PERCENT of TU	Brush Management (ac.) 314
342	0.0%	x 50.0%	x 70.0%	PERCENT of TU	Critical Area Planting (ac.) 342
378	0	x 1	x 1	NUMBER per TU	Pond (no.) 378
472	0.0%	0.0%	x 10.0%	PERCENT of TU	Use Exclusion (ac.) 472
512	0.0%	x 70.0%	x 70.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
516	0	x 100	x 300	FEET per TU	Pipeline (ft.) 516
528	0.0%	0.0%	x 70.0%	PERCENT of TU	Prescribed Grazing (ac.) 528
533	0	0	x 1	NUMBER per TU	Pumping Plant (no.) 533
561	0.0%	0.0%	x 5.0%	PERCENT of TU	Heavy Use Area Protection (ac.) 561
590	0.0%	0.0%	x 70.0%	PERCENT of TU	Nutrient Management (ac.) 590
595	0.0%	0.0%	x 70.0%	PERCENT of TU	Pest Management (ac.) 595
614	0	x 1	x 1	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
511	0.0%	0.0%	100.0%	PERCENT of TU	Forage Harvest Management (ac.) 511
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
464	100.0%	100.0%	100.0%	PERCENT of TU	Irrigation Land Leveling (ac.) 464

Help

WATERSHED NAME & CODE		POMME DE TERRE - 10290107			LANDUSE ACRES		16,300		
LANDUSE TYPE		DEVELOPED LAND			TYPICAL UNIT SIZE ACRES		5		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		11%		
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 Condition – Compaction	Soil Condition – Contaminants: Animal Waste and Other Organics –	Plant Condition – Productivity, Health and Vigor
Baseline System		System Rating ->			1	0	0	1	
Total Acreage at Baseline Level		13,855	12,470	0	12,470				
Brush Management (ac.) 314		4,157	3,741	0	3,741	3	-1	0	3
Progressive System		System Rating ->			4	2	2	5	
Total Acreage at Progressive Level		1,630	1,304	693	1,997				
Brush Management (ac.) 314		815	860	139	998	3	-1	0	3
Critical Area Planting (ac.) 342		815	652	346	998	5	3	0	5
Pasture and Hay Planting (ac.) 512		1,141	913	485	1,398	4	4	4	5
Pipeline (ft.) 516		32,600	26,080	13,855	39,935	0	0	0	2
Pond (no.) 378		326	261	139	399	0	0	0	2
Water Well (no.) 642		326	261	139	399	2	0	1	1
Watering Facility (no.) 614		326	261	139	399	2	0	0	2
Resource Management System (RMS)		System Rating ->			5	3	3	5	
Total Acreage at RMS Level		815	815	1,019	1,834				
Brush Management (ac.) 314		571	941	342	1,284	3	-1	0	3
Critical Area Planting (ac.) 342		571	734	550	1,284	5	3	0	5
Heavy Use Area Protection (ac.) 561		41	41	51	92	3	-1	0	3
Nutrient Management (ac.) 590		571	571	713	1,284	0	-2	2	3
Pasture and Hay Planting (ac.) 512		571	799	485	1,284	4	4	4	5
Pest Management (ac.) 595		571	571	713	1,284	0	2	0	5
Pipeline (ft.) 516		48,900	55,420	54,605	110,025	0	0	0	2
Pond (no.) 378		163	228	139	367	0	0	0	2
Prescribed Grazing (ac.) 528		571	571	713	1,284	4	3	2	5
Pumping Plant (no.) 533		163	163	204	367	0	0	0	3
Upland Wildlife Habitat Management (ac.) 645		82	82	102	183	3	0	0	4
Use Exclusion (ac.) 472		82	82	102	183	2	4	2	4
Water Well (no.) 642		163	228	139	367	2	0	1	1
Watering Facility (no.) 614		163	228	139	367	2	0	0	2

WATERSHED NAME & CODE		POMME DE TERRE - 10290107						LANDUSE ACRES			16,300
LANDUSE TYPE		DEVELOPED LAND						TYPICAL UNIT SIZE ACRES			5
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION			11%	
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	693										
Brush Management (ac.) 314	139	X	X								
Critical Area Planting (ac.) 342	346	X	X								
Pasture and Hay Planting (ac.) 512	485	X	X								
Pipeline (ft.) 516	13,855	X	X								
Pond (no.) 378	139	X									
Water Well (no.) 642	139	X	X								
Watering Facility (no.) 614	139	X	X								
Resource Management System (RMS) Acres Treated	1,019										
Brush Management (ac.) 314	342	X	X								
Critical Area Planting (ac.) 342	550	X	X								
Heavy Use Area Protection (ac.) 561	51	X	X								
Nutrient Management (ac.) 590	713	X	X								
Pasture and Hay Planting (ac.) 512	485	X	X								
Pest Management (ac.) 595	713	X	X								
Pipeline (ft.) 516	54,605	X	X								
Pond (no.) 378	139	X									
Prescribed Grazing (ac.) 528	713	X	X								
Pumping Plant (no.) 533	204	X	X								
Upland Wildlife Habitat Management (ac.) 645	102	X	X								
Use Exclusion (ac.) 472	102	X	X	X							
Water Well (no.) 642	139	X	X								
Watering Facility (no.) 614	139	X	X								

WATERSHED NAME & CODE		POMME DE TERRE - 10290107				LANDUSE ACRES		16,300	
LANDUSE TYPE		DEVELOPED LAND				TYPICAL UNIT SIZE ACRES		5	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		11%	
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 Condition – Compaction	Soil Condition – Contaminants: Animal Waste and Other Organics –	Plant Condition – Productivity, Health and Vigor
Baseline System		System Rating ->				1	0	0	1
Total Acreage at Baseline Level		13,855	12,470	0	12,470				
Brush Management (ac.) 314		4,157	3,741	0	3,741	3	-1	0	3
Progressive System		System Rating ->				4	2	2	5
Total Acreage at Progressive Level		1,630	1,304	693	1,997				
Brush Management (ac.) 314		815	860	139	998	3	-1	0	3
Critical Area Planting (ac.) 342		815	652	346	998	5	3	0	5
Pasture and Hay Planting (ac.) 512		1,141	913	485	1,398	4	4	4	5
Pipeline (ft.) 516		32,600	26,080	13,855	39,935	0	0	0	2
Pond (no.) 378		326	261	139	399	0	0	0	2
Water Well (no.) 642		326	261	139	399	2	0	1	1
Watering Facility (no.) 614		326	261	139	399	2	0	0	2
Resource Management System (RMS)		System Rating ->				5	3	3	5
Total Acreage at RMS Level		815	815	1,019	1,834				
Brush Management (ac.) 314		571	941	342	1,284	3	-1	0	3
Critical Area Planting (ac.) 342		571	734	550	1,284	5	3	0	5
Heavy Use Area Protection (ac.) 561		41	41	51	92	3	-1	0	3
Nutrient Management (ac.) 590		571	571	713	1,284	0	-2	2	3
Pasture and Hay Planting (ac.) 512		571	799	485	1,284	4	4	4	5
Pest Management (ac.) 595		571	571	713	1,284	0	2	0	5
Pipeline (ft.) 516		48,900	55,420	54,605	110,025	0	0	0	2
Pond (no.) 378		163	228	139	367	0	0	0	2
Prescribed Grazing (ac.) 528		571	571	713	1,284	4	3	2	5
Pumping Plant (no.) 533		163	163	204	367	0	0	0	3
Upland Wildlife Habitat Management (ac.) 645		82	82	102	183	3	0	0	4
Use Exclusion (ac.) 472		82	82	102	183	2	4	2	4
Water Well (no.) 642		163	228	139	367	2	0	1	1
Watering Facility (no.) 614		163	228	139	367	2	0	0	2
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		692.75							
Brush Management (ac.) 314		139	\$6,144	\$0	\$1,229	\$7,373	\$6,144	\$123	\$6,662
Critical Area Planting (ac.) 342		346	\$82,468	\$0	\$16,494	\$98,962	\$82,468	\$1,649	\$89,416
Pasture and Hay Planting (ac.) 512		485	\$32,769	\$0	\$6,554	\$39,323	\$32,769	\$1,311	\$38,290
Pipeline (ft.) 516		13,855	\$14,894	\$0	\$2,979	\$17,873	\$14,894	\$0	\$14,894
Pond (no.) 378		139	\$415,650	\$0	\$83,130	\$498,780	\$415,650	\$16,626	\$485,685
Water Well (no.) 642		139	\$207,246	\$0	\$41,449	\$248,695	\$207,246	\$8,290	\$242,166
Watering Facility (no.) 614		139	\$62,927	\$0	\$12,585	\$75,513	\$62,927	\$2,517	\$73,530
Subtotal			\$822,099	\$0	\$164,420	\$986,518	\$822,099	\$30,516	\$950,643
Resource Management System (RMS) Acres Treated		1018.75							
Brush Management (ac.) 314		342	\$15,179	\$0	\$3,036	\$18,215	\$15,179	\$304	\$16,458
Critical Area Planting (ac.) 342		550	\$130,979	\$0	\$26,196	\$157,175	\$130,979	\$2,620	\$142,014
Heavy Use Area Protection (ac.) 561		51	\$1,330,070	\$0	\$266,014	\$1,596,084	\$1,330,070	\$133,007	\$1,890,344
Nutrient Management (ac.) 590		713	\$0	\$27,106	\$5,421	\$29,573	\$0	\$9,035	\$13,908
Pasture and Hay Planting (ac.) 512		485	\$32,769	\$0	\$6,554	\$39,323	\$32,769	\$1,311	\$38,290
Pest Management (ac.) 595		713	\$0	\$45,654	\$9,131	\$49,809	\$0	\$15,218	\$23,426
Pipeline (ft.) 516		54,605	\$58,700	\$0	\$11,740	\$70,440	\$58,700	\$0	\$58,700
Pond (no.) 378		139	\$415,650	\$0	\$83,130	\$498,780	\$415,650	\$16,626	\$485,685
Prescribed Grazing (ac.) 528		713	\$3,138	\$0	\$628	\$3,765	\$3,138	\$0	\$3,138
Pumping Plant (no.) 533		204	\$815,229	\$0	\$163,046	\$978,275	\$815,229	\$32,609	\$952,591
Upland Wildlife Habitat Management (ac.) 645		102	\$0	\$4,584	\$917	\$5,002	\$0	\$1,528	\$2,352
Use Exclusion (ac.) 472		102	\$255	\$0	\$51	\$306	\$255	\$15	\$319
Water Well (no.) 642		139	\$207,246	\$0	\$41,449	\$248,695	\$207,246	\$8,290	\$242,166
Watering Facility (no.) 614		139	\$62,927	\$0	\$12,585	\$75,513	\$62,927	\$2,517	\$73,530
Subtotal			\$3,072,142	\$77,345	\$629,897	\$3,770,954	\$3,072,142	\$223,080	\$3,942,921
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		1711.5	\$3,894,241	\$77,345	\$794,317	\$4,757,472	\$3,894,241	\$253,596	\$4,893,564

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="Pomme de Terre"/>	Watershed Code	<input type="text" value="10290107"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Pastureland"/>	Landuse Acres	<input type="text" value="159,800"/>	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="33%"/>	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	40%	63,920	Baseline	50%	31,960	Baseline	20%	31,960	31,960	0
			Progressive	30%	19,176					
			RMS	20%	12,784					
			<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	50%	79,900	Progressive	80%	63,920	Progressive	52%	83,096	63,920	19,176
			RMS	20%	15,980					
			<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%	15,980	RMS	100%	15,980	RMS	28%	44,744	15,980	28,764

Grand Totals	100%	159,800					100%	159,800	111,860	47,940
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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
314	0.0%	x 5.0%	x 10.0%	PERCENT of TU	Brush Management (ac.) 314
382	x 5,280	x 6,600	x 7,920	FEET per TU	Fence (ft.) 382
472	0.0%	x 2.5%	x 5.0%	PERCENT of TU	Use Exclusion (ac.) 472
511	0.0%	x 12.5%	x 25.0%	PERCENT of TU	Forage Harvest Management (ac.) 511
512	0.0%	0.0%	x 5.0%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
516	0	x 300	x 800	FEET per TU	Pipeline (ft.) 516
528	0.0%	0.0%	x 100.0%	PERCENT of TU	Prescribed Grazing (ac.) 528
533	0	0	x 1	NUMBER per TU	Pumping Plant (no.) 533
561	0.0%	0.0%	x 1.0%	PERCENT of TU	Heavy Use Area Protection (ac.) 561
590	0.0%	x 20.0%	x 40.0%	PERCENT of TU	Nutrient Management (ac.) 590
614	0	x 1	x 2	NUMBER per TU	Watering Facility (no.) 614
642	x 1	x 1	x 1	NUMBER per TU	Water Well (no.) 642
645	0.0%	0.0%	x 2.5%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645
647	0.0%	0.0%	x 2.5%	PERCENT of TU	Early Successional Habitat Development/Management (ac.) 647
378	1	1	1	NUMBER per TU	Pond (no.) 378
410	1	1	1	NUMBER per TU	Grade Stabilization Structure (no.) 410
574	1	1	1	NUMBER per TU	Spring Development (no.) 574
595	100.0%	100.0%	100.0%	PERCENT of TU	Pest Management (ac.) 595
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		POMME DE TERRE - 10290107			LANDUSE ACRES		159,800		
LANDUSE TYPE		PASTURELAND			TYPICAL UNIT SIZE ACRES		40		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		33%		
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	Water Quality – Excessive Nutrients and Organics in	Plant Condition – Productivity, Health and Vigor	Domestic Animals – Inadequate Quantities and Quality of Feed
Baseline System		System Rating ->			1	0	0	1	
Total Acreage at Baseline Level		63,920	31,960	0	31,960				
Fence (ft.) 382	8,437,440	4,218,720	0	4,218,720	0	0	0	0	
Water Well (no.) 642	1,598	799	0	799	2	0	1	2	
Progressive System		System Rating ->			3	4	4	4	
Total Acreage at Progressive Level		79,900	63,920	19,176	83,096				
Brush Management (ac.) 314	3,995	3,196	959	4,155	3	0	3	4	
Fence (ft.) 382	13,183,500	13,078,032	632,808	13,710,840	0	0	0	0	
Forage Harvest Management (ac.) 511	9,988	7,990	2,397	10,387	3	2	4	4	
Nutrient Management (ac.) 590	15,980	12,784	3,835	16,619	0	5	3	4	
Pipeline (ft.) 516	599,250	479,400	143,820	623,220	0	0	2	0	
Use Exclusion (ac.) 472	1,998	1,598	479	2,077	2	2	4	4	
Water Well (no.) 642	1,998	2,077	0	2,077	2	0	1	2	
Watering Facility (no.) 614	1,998	1,598	479	2,077	2	0	2	3	
Resource Management System (RMS)		System Rating ->			5	4	5	5	
Total Acreage at RMS Level		15,980	15,980	28,764	44,744				
Brush Management (ac.) 314	1,598	2,397	2,077	4,474	3	0	3	4	
Early Successional Habitat Development/Management (ac.) 647	400	400	719	1,119	0	0	4	1	
Fence (ft.) 382	3,164,040	7,488,228	1,371,084	8,859,312	0	0	0	0	
Forage Harvest Management (ac.) 511	3,995	5,993	5,194	11,186	3	2	4	4	
Heavy Use Area Protection (ac.) 561	160	160	288	447	3	1	3	0	
Nutrient Management (ac.) 590	6,392	9,588	8,310	17,898	0	5	3	4	
Pasture and Hay Planting (ac.) 512	799	799	1,438	2,237	4	2	5	5	
Pipeline (ft.) 516	319,600	439,450	455,430	894,880	0	0	2	0	
Prescribed Grazing (ac.) 528	15,980	15,980	28,764	44,744	4	1	5	5	
Pumping Plant (no.) 533	400	400	719	1,119	0	0	3	0	
Upland Wildlife Habitat Management (ac.) 645	400	400	719	1,119	3	0	4	2	
Use Exclusion (ac.) 472	799	1,199	1,039	2,237	2	2	4	4	
Water Well (no.) 642	400	1,119	0	1,119	2	0	1	2	
Watering Facility (no.) 614	799	1,199	1,039	2,237	2	0	2	3	

WATERSHED NAME & CODE		POMME DE TERRE - 10290107						LANDUSE ACRES			159,800
LANDUSE TYPE		PASTURELAND						TYPICAL UNIT SIZE ACRES			40
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION			33%	
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	19,176										
Brush Management (ac.) 314	959	X	X								
Fence (ft.) 382	632,808	X	X								
Forage Harvest Management (ac.) 511	2,397	X									
Nutrient Management (ac.) 590	3,835	X	X								
Pipeline (ft.) 516	143,820	X	X								
Use Exclusion (ac.) 472	479	X	X	X							
Water Well (no.) 642	0	X	X								
Watering Facility (no.) 614	479	X	X								
Resource Management System (RMS) Acres Treated	28,764										
Brush Management (ac.) 314	2,077	X	X								
Early Successional Habitat Development/Management (ac.) 647	719	X	X								
Fence (ft.) 382	1,371,084	X	X								
Forage Harvest Management (ac.) 511	5,194	X									
Heavy Use Area Protection (ac.) 561	288	X	X								
Nutrient Management (ac.) 590	8,310	X	X								
Pasture and Hay Planting (ac.) 512	1,438	X	X								
Pipeline (ft.) 516	455,430	X	X								
Prescribed Grazing (ac.) 528	28,764	X	X								
Pumping Plant (no.) 533	719	X	X								
Upland Wildlife Habitat Management (ac.) 645	719	X	X								
Use Exclusion (ac.) 472	1,039	X	X	X							
Water Well (no.) 642	0	X	X								
Watering Facility (no.) 614	1,039	X	X								

WATERSHED NAME & CODE		POMME DE TERRE - 10290107				LANDUSE ACRES		159,800	
LANDUSE TYPE		PASTURELAND				TYPICAL UNIT SIZE ACRES		40	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		33%	
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	Water Quality – Excessive Nutrients and Organics in Surface Water	Plant Condition – Productivity, Health and Vigor	Domestic Animals – Inadequate Quantities and Quality of Feed and Forage
Baseline System		System Rating ->				1	0	0	1
Total Acreage at Baseline Level		63,920	31,960	0	31,960				
Fence (ft.) 382	8,437,440	4,218,720	0	4,218,720	0	0	0	0	
Water Well (no.) 642	1,598	799	0	799	2	0	1	2	
Progressive System		System Rating ->				3	4	4	4
Total Acreage at Progressive Level		79,900	63,920	19,176	83,096				
Brush Management (ac.) 314	3,995	3,196	959	4,155	3	0	3	4	
Fence (ft.) 382	13,183,500	13,078,032	632,808	13,710,840	0	0	0	0	
Forage Harvest Management (ac.) 511	9,988	7,990	2,397	10,387	3	2	4	4	
Nutrient Management (ac.) 590	15,980	12,784	3,835	16,619	0	5	3	4	
Pipeline (ft.) 516	599,250	479,400	143,820	623,220	0	0	2	0	
Use Exclusion (ac.) 472	1,998	1,598	479	2,077	2	2	4	4	
Water Well (no.) 642	1,998	2,077	0	2,077	2	0	1	2	
Watering Facility (no.) 614	1,998	1,598	479	2,077	2	0	2	3	
Resource Management System (RMS)		System Rating ->				5	4	5	5
Total Acreage at RMS Level		15,980	15,980	28,764	44,744				
Brush Management (ac.) 314	1,598	2,397	2,077	4,474	3	0	3	4	
Early Successional Habitat Development/Management (ac.) 647	400	400	719	1,119	0	0	4	1	
Fence (ft.) 382	3,164,040	7,488,228	1,371,084	8,859,312	0	0	0	0	
Forage Harvest Management (ac.) 511	3,995	5,993	5,194	11,186	3	2	4	4	
Heavy Use Area Protection (ac.) 561	160	160	288	447	3	1	3	0	
Nutrient Management (ac.) 590	6,392	9,588	8,310	17,898	0	5	3	4	
Pasture and Hay Planting (ac.) 512	799	799	1,438	2,237	4	2	5	5	
Pipeline (ft.) 516	319,600	439,450	455,430	894,880	0	0	2	0	
Prescribed Grazing (ac.) 528	15,980	15,980	28,764	44,744	4	1	5	5	
Pumping Plant (no.) 533	400	400	719	1,119	0	0	3	0	
Upland Wildlife Habitat Management (ac.) 645	400	400	719	1,119	3	0	4	2	
Use Exclusion (ac.) 472	799	1,199	1,039	2,237	2	2	4	4	
Water Well (no.) 642	400	1,119	0	1,119	2	0	1	2	
Watering Facility (no.) 614	799	1,199	1,039	2,237	2	0	2	3	
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		19176							
Brush Management (ac.) 314	959	\$42,518	\$0	\$8,504	\$51,022	\$42,518	\$850	\$46,100	
Fence (ft.) 382	632,808	\$461,950	\$0	\$92,390	\$554,340	\$461,950	\$46,195	\$656,540	
Forage Harvest Management (ac.) 511	2,397	\$9,588	\$0	\$1,918	\$11,506	\$9,588	\$2,876	\$21,704	
Nutrient Management (ac.) 590	3,835	\$0	\$145,776	\$29,155	\$159,042	\$0	\$48,592	\$74,800	
Pipeline (ft.) 516	143,820	\$154,607	\$0	\$30,921	\$185,528	\$154,607	\$0	\$154,607	
Use Exclusion (ac.) 472	479	\$1,199	\$0	\$240	\$1,438	\$1,199	\$72	\$1,501	
Water Well (no.) 642	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Watering Facility (no.) 614	479	\$217,736	\$0	\$43,547	\$261,284	\$217,736	\$8,709	\$254,424	
Subtotal		\$887,597	\$145,776	\$206,675	\$1,224,159	\$887,597	\$107,295	\$1,209,676	
Resource Management System (RMS) Acres Treated		28764							
Brush Management (ac.) 314	2,077	\$92,122	\$0	\$18,424	\$110,547	\$92,122	\$1,842	\$99,883	
Early Successional Habitat Development/Management (ac.) 647	719	\$5,393	\$0	\$1,079	\$6,472	\$5,393	\$1,618	\$12,209	
Fence (ft.) 382	1,371,084	\$1,000,891	\$0	\$200,178	\$1,201,070	\$1,000,891	\$100,089	\$1,422,503	
Forage Harvest Management (ac.) 511	5,194	\$20,774	\$0	\$4,155	\$24,929	\$20,774	\$6,232	\$47,026	
Heavy Use Area Protection (ac.) 561	288	\$7,510,798	\$0	\$1,502,160	\$9,012,958	\$7,510,798	\$751,080	\$10,674,620	
Nutrient Management (ac.) 590	8,310	\$0	\$315,848	\$63,170	\$344,591	\$0	\$105,283	\$162,067	
Pasture and Hay Planting (ac.) 512	1,438	\$97,186	\$0	\$19,437	\$116,624	\$97,186	\$3,887	\$113,562	
Pipeline (ft.) 516	455,430	\$489,587	\$0	\$97,917	\$587,505	\$489,587	\$0	\$489,587	
Prescribed Grazing (ac.) 528	28,764	\$126,562	\$0	\$25,312	\$151,874	\$126,562	\$0	\$126,562	
Pumping Plant (no.) 533	719	\$2,877,209	\$0	\$575,442	\$3,452,651	\$2,877,209	\$115,088	\$3,362,003	
Upland Wildlife Habitat Management (ac.) 645	719	\$0	\$32,360	\$6,472	\$35,304	\$0	\$10,787	\$16,604	
Use Exclusion (ac.) 472	1,039	\$2,597	\$0	\$519	\$3,116	\$2,597	\$156	\$3,253	
Water Well (no.) 642	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Watering Facility (no.) 614	1,039	\$471,762	\$0	\$94,352	\$566,114	\$471,762	\$18,870	\$551,251	
Subtotal		\$12,694,882	\$348,207	\$2,608,618	\$15,613,754	\$12,694,882	\$1,114,933	\$17,081,130	
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		47940	\$13,582,479	\$493,983	\$2,815,292	\$16,837,913	\$13,582,479	\$1,222,228	\$18,290,806

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="Pomme de Terre"/>	Watershed Code	<input type="text" value="10290107"/>	<input type="button" value="Help"/>	
Landuse Type	<input type="text" value="Forestland"/>	Landuse Acres	<input type="text" value="163,800"/>	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="15%"/>	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	80%	131,040	Baseline	85%	111,384	Baseline	68%	111,384	111,384	0
			Progressive	10%	13,104					
			RMS	5%	6,552					
			<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%	24,570	Progressive	85%	20,885	Progressive	21%	33,989	20,885	13,104
			RMS	15%	3,686					
			<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%	8,190	RMS	100%	8,190	RMS	11%	18,428	8,190	10,238
Grand Totals	100%	163,800					100%	163,800	140,459	23,342

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 	
384	0.0%	x 10.0%	x 10.0%	PERCENT of TU	Forest Slash Treatment (ac.) 384	
391	0.0%	x 25.0%	x 25.0%	PERCENT of TU	Riparian Forest Buffer (ac.) 391	
409	0.0%	0.0%	x 100.0%	PERCENT of TU	Prescribed Forestry (ac.) 409	
472	0.0%	x 25.0%	x 25.0%	PERCENT of TU	Use Exclusion (ac.) 472	
490	0.0%	0.0%	x 10.0%	PERCENT of TU	Forest Site Preparation (ac.) 490	
560	x 500	x 500	x 500	FEET per TU	Access Road (ft.) 560	
561	0.0%	0.0%	x 10.0%	PERCENT of TU	Heavy Use Area Protection (ac.) 561	
612	0.0%	0.0%	x 10.0%	PERCENT of TU	Tree/Shrub Establishment (ac.) 612	
645	0.0%	0.0%	x 100.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645	
655	0.0%	0.0%	x 5.0%	PERCENT of TU	Forest Trails & Landings (ac.) 655	
666	0.0%	x 10.0%	x 10.0%	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		POMME DE TERRE - 10290107			LANDUSE ACRES		163,800		
LANDUSE TYPE		FORESTLAND			TYPICAL UNIT SIZE ACRES		20		
ASSESSMENT INFORMATION					ESTIMATED PARTICIPATION		15%		
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS		RESOURCE CONCERNS				
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Condition – Compaction	Soil Condition – Contaminants: Animal Waste and Other Organics –	Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants
Baseline System		System Rating ->			1	0	0	0	
Total Acreage at Baseline Level		131,040	111,384	0	111,384				
Access Road (ft.) 560		3,276,000	2,784,600	0	2,784,600	2	0	0	-1
Progressive System		System Rating ->			3	2	5	3	
Total Acreage at Progressive Level		24,570	20,885	13,104	33,989				
Access Road (ft.) 560		614,250	849,713	0	849,713	2	0	0	-1
Forest Slash Treatment (ac.) 384		2,457	2,088	1,310	3,399	0	0	5	1
Forest Stand Improvement (ac.) 666		2,457	2,088	1,310	3,399	0	2	5	4
Riparian Forest Buffer (ac.) 391		6,143	5,221	3,276	8,497	4	3	4	4
Use Exclusion (ac.) 472		6,143	5,221	3,276	8,497	4	2	4	4
Resource Management System (RMS)		System Rating ->			2	3	5	5	
Total Acreage at RMS Level		8,190	8,190	10,238	18,428				
Access Road (ft.) 560		204,750	460,688	0	460,688	2	0	0	-1
Forest Slash Treatment (ac.) 384		819	1,188	655	1,843	0	0	5	1
Forest Stand Improvement (ac.) 666		819	1,188	655	1,843	0	2	5	4
Forest Trails and Landings (ac.) 655		410	410	512	921	-4	0	2	4
Heavy Use Area Protection (ac.) 561		819	819	1,024	1,843	-1	0	3	4
Prescribed Forestry (ac.) 409		8,190	8,190	10,238	18,428	3	0	5	5
Riparian Forest Buffer (ac.) 391		2,048	2,969	1,638	4,607	4	3	4	4
Tree/Shrub Establishment (ac.) 612		819	819	1,024	1,843	2	2	5	4
Tree/Shrub Site Preparation (ac.) 490		819	819	1,024	1,843	-1	0	5	4
Upland Wildlife Habitat Management (ac.) 645		8,190	8,190	10,238	18,428	0	0	4	4
Use Exclusion (ac.) 472		2,048	2,969	1,638	4,607	4	2	4	4

WATERSHED NAME & CODE		POMME DE TERRE - 10290107						LANDUSE ACRES			163,800	
LANDUSE TYPE		FORESTLAND						TYPICAL UNIT SIZE ACRES			20	
POSSIBLE SOURCES OF FUNDING							ESTIMATED PARTICIPATION			15%		
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		13,104										
Access Road (ft.) 560	0	X										
Forest Slash Treatment (ac.) 384	1,310	X	X									
Forest Stand Improvement (ac.) 666	1,310	X	X									
Riparian Forest Buffer (ac.) 391	3,276	X	X									
Use Exclusion (ac.) 472	3,276	X	X	X								
Resource Management System (RMS) Acres Treated		10,238										
Access Road (ft.) 560	0	X										
Forest Slash Treatment (ac.) 384	655	X	X									
Forest Stand Improvement (ac.) 666	655	X	X									
Forest Trails and Landings (ac.) 655	512	X										
Heavy Use Area Protection (ac.) 561	1,024	X	X									
Prescribed Forestry (ac.) 409	10,238	X	X									
Riparian Forest Buffer (ac.) 391	1,638	X	X									
Tree/Shrub Establishment (ac.) 612	1,024	X	X	X								
Tree/Shrub Site Preparation (ac.) 490	1,024	X	X	X								
Upland Wildlife Habitat Management (ac.) 645	10,238	X	X									
Use Exclusion (ac.) 472	1,638	X	X	X								

WATERSHED NAME & CODE		POMME DE TERRE - 10290107				LANDUSE ACRES		163,800	
LANDUSE TYPE		FORESTLAND				TYPICAL UNIT SIZE ACRES		20	
ASSESSMENT INFORMATION						ESTIMATED PARTICIPATION		15%	
CONSERVATION SYSTEMS BY TREATMENT LEVELS		CURRENT CONDITIONS	FUTURE CONDITIONS			RESOURCE CONCERNS			
		Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Soil Condition – Compaction	Soil Condition – Contaminants – Animal Waste and Other Organics –	Plant Condition – Productivity, Health and Vigor	Plant Condition – Noxious and Invasive Plants
Baseline System		System Rating ->				1	0	0	0
Total Acreage at Baseline Level		131,040	111,384	0	111,384				
Access Road (ft.) 560		3,276,000	2,784,600	0	2,784,600	2	0	0	-1
Progressive System		System Rating ->				3	2	5	3
Total Acreage at Progressive Level		24,570	20,885	13,104	33,989				
Access Road (ft.) 560		614,250	849,713	0	849,713	2	0	0	-1
Forest Slash Treatment (ac.) 384		2,457	2,088	1,310	3,399	0	0	5	1
Forest Stand Improvement (ac.) 666		2,457	2,088	1,310	3,399	0	2	5	4
Riparian Forest Buffer (ac.) 391		6,143	5,221	3,276	8,497	4	3	4	4
Use Exclusion (ac.) 472		6,143	5,221	3,276	8,497	4	2	4	4
Resource Management System (RMS)		System Rating ->				2	3	5	5
Total Acreage at RMS Level		8,190	8,190	10,238	18,428				
Access Road (ft.) 560		204,750	460,688	0	460,688	2	0	0	-1
Forest Slash Treatment (ac.) 384		819	1,188	655	1,843	0	0	5	1
Forest Stand Improvement (ac.) 666		819	1,188	655	1,843	0	2	5	4
Forest Trails and Landings (ac.) 655		410	410	512	921	-4	0	2	4
Heavy Use Area Protection (ac.) 561		819	819	1,024	1,843	-1	0	3	4
Prescribed Forestry (ac.) 409		8,190	8,190	10,238	18,428	3	0	5	5
Riparian Forest Buffer (ac.) 391		2,048	2,969	1,638	4,607	4	3	4	4
Tree/Shrub Establishment (ac.) 612		819	819	1,024	1,843	2	2	5	4
Tree/Shrub Site Preparation (ac.) 490		819	819	1,024	1,843	-1	0	5	4
Upland Wildlife Habitat Management (ac.) 645		8,190	8,190	10,238	18,428	0	0	4	4
Use Exclusion (ac.) 472		2,048	2,969	1,638	4,607	4	2	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		13104							
Access Road (ft.) 560		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Forest Slash Treatment (ac.) 384		1,310	\$163,800	\$0	\$32,760	\$196,560	\$163,800	\$0	\$163,800
Forest Stand Improvement (ac.) 666		1,310	\$58,660	\$0	\$11,732	\$70,392	\$58,660	\$1,173	\$63,602
Riparian Forest Buffer (ac.) 391		3,276	\$533,988	\$0	\$106,798	\$640,786	\$533,988	\$10,680	\$578,975
Use Exclusion (ac.) 472		3,276	\$8,190	\$0	\$1,638	\$9,828	\$8,190	\$491	\$10,260
Subtotal			\$764,638	\$0	\$152,928	\$917,566	\$764,638	\$12,344	\$816,637
Resource Management System (RMS) Acres Treated		10237.5							
Access Road (ft.) 560		0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Forest Slash Treatment (ac.) 384		655	\$81,900	\$0	\$16,380	\$98,280	\$81,900	\$0	\$81,900
Forest Stand Improvement (ac.) 666		655	\$29,330	\$0	\$5,866	\$35,196	\$29,330	\$587	\$31,801
Forest Trails and Landings (ac.) 655		512	\$304,957	\$0	\$60,991	\$365,949	\$304,957	\$12,198	\$356,341
Heavy Use Area Protection (ac.) 561		1,024	\$26,731,955	\$0	\$5,346,391	\$32,078,346	\$26,731,955	\$2,673,196	\$37,992,427
Prescribed Forestry (ac.) 409		10,238	\$255,938	\$0	\$51,188	\$307,125	\$255,938	\$0	\$255,938
Riparian Forest Buffer (ac.) 391		1,638	\$266,994	\$0	\$53,399	\$320,393	\$266,994	\$5,340	\$289,488
Tree/Shrub Establishment (ac.) 612		1,024	\$166,871	\$0	\$33,374	\$200,246	\$166,871	\$0	\$166,871
Tree/Shrub Site Preparation (ac.) 490		1,024	\$0	\$137,561	\$27,512	\$150,080	\$0	\$45,854	\$70,585
Upland Wildlife Habitat Management (ac.) 645		10,238	\$0	\$460,688	\$92,138	\$502,612	\$0	\$153,563	\$236,387
Use Exclusion (ac.) 472		1,638	\$4,095	\$0	\$819	\$4,914	\$4,095	\$246	\$5,130
Subtotal			\$27,842,040	\$598,249	\$5,688,058	\$34,063,140	\$27,842,040	\$2,890,982	\$39,486,867
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS		23341.5	\$28,606,678	\$598,249	\$5,840,985	\$34,980,706	\$28,606,678	\$2,903,327	\$40,303,504

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