Current Conditions for Row Crop																				
Row Crop			Quantity		Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Quantity (Total 2005-2007)	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
BM1	**Soil Erosion - Sheet and Rill**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Conservation Crop Rotation	328	ac	634,849	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Contour Buffer Strips	332	ac	3,363	$40.00	2%	2	2	1	1	2	1	4	1	-	-	X	-	-	X
	Contour Farming	330	ac	210,130	$10.00	0%	2	2	1	1	0	0	1	1	-	-	-	-	-	X
	Cover Crop	340	ac	1,846	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Critical Area Planting	342	ac	1,582	$137.50	3%	4	3	4	2	2	1	5	2	X	-	X	-	-	X
	Diversion	362	ft	6,944	$1.13	2%	2	2	1	1	0	0	2	0	-	-	-	-	-	X
	Field Border	386	ft	2,909,620	$0.35	1%	2	2	0	2	2	0	5	1	-	-	X	-	-	X
	Residue Management, No-Till/Strip Till	329	ac	279,590	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Residue Management, Mulch Till	345	ac	471,635	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
	Terrace	600	ft	4,936,576	$1.50	0%	1	1	1	1	1	0	2	0	X	-	-	-	-	X
	Underground Outlet	620	ft	712,984	$0.93	3%	3	2	3	1	0	0	0	0	-	-	-	-	-	
BM2	**Soil Erosion - Ephemeral Gully**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Conservation Crop Rotation	328	ac	634,849	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Contour Buffer Strips	332	ac	3,363	$40.00	2%	2	2	1	1	2	1	4	1	-	-	X	-	-	X
	Contour Farming	330	ac	210,130	$10.00	0%	2	2	1	1	0	0	1	1	-	-	-	-	-	X
	Cover Crop	340	ac	1,846	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Critical Area Planting	342	ac	1,582	$137.50	3%	4	3	4	2	2	1	5	2	X	-	X	-	-	X
	Diversion	362	ft	6,944	$1.13	2%	2	2	1	1	0	0	2	0	-	-	-	-	-	X
	Field Border	386	ft	2,909,620	$0.35	1%	2	2	0	2	2	0	5	1	-	-	X	-	-	X
	Grade Stabilizaton Structure	410	no	470	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	Grassed Waterway	412	ac	18,346	$2,500.00	2%	3	-1	3	2	1	1	4	1	-	-	X	-	-	
	Residue Management, No-Till/Strip Till	329	ac	279,590	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Residue Management, Mulch Till	345	ac	471,635	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
	Terrace	600	ft	4,936,576	$1.50	0%	1	1	1	1	1	0	2	0	X	-	-	-	-	X
	Underground Outlet	620	ft	712,984	$0.93	3%	3	2	3	1	0	0	0	0	-	-	-	-	-	
BM3	**Soil Erosion - Classic Gully**																			
	Critical Area Planting	342	ac	1,582	$137.50	3%	4	3	4	2	2	1	5	2	X	-	X	-	-	X
	Grade Stabilizaton Structure	410	no	470	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	Grassed Waterway	412	ac	18,346	$2,500.00	2%	3	-1	3	2	1	1	4	1	-	-	X	-	-	
	Pond	378	no	190	$16,000.00	1%	1	2	1	1	3	5	2	0	-	-	-	-	-	
	Terrace	600	ft	4,936,576	$1.50	0%	1	1	1	1	1	0	2	0	X	-	-	-	-	X

Current Conditions for Row Crop																				
Row Crop			Quantity		Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Quantity (Total 2005-2007)	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
	Underground Outlet	620	ft	712,984	$0.93	3%	3	2	3	1	0	0	0	0	-	-	-	-	-	
	Water and Sediment Control Basin	638	no	1,122	$3,250.00	3%	3	3	1	1	0	1	0	0	-	-	-	-	-	
BM4	**Soil Erosion - Streambank**																			
	Critical Area Planting	342	ac	1,582	$137.50	3%	4	3	4	2	2	1	5	2	X	-	X	-	-	X
	Grade Stabilizaton Structure	410	no	470	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	In-Channel Structures																			
	Riparian Forest Buffer	391	ac	1,615	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Streambank and Shoreline Protection	580	ft	18,517	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
BM5	**Soil Condition - Organic Matter Depletion**																			
	Conservation Crop Rotation	328	ac	634,849	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Cover Crop	340	ac	1,846	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Nutrient Management	590	ac	220,050	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Residue Management, No-Till/Strip Till	329	ac	279,590	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Residue Management, Mulch Till	345	ac	471,635	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
BM6	**Water Quantity - Excessive Runoff, Flooding, or Ponding**																			
	Contour Buffer Strips	332	ac	3,363	$40.00	2%	2	2	1	1	2	1	4	1	-	-	X	-	-	X
	Dam, Diversion	348	no	2	$1,000.00	3%	0	0	2	-2	-2	4	0	0	-	-	-	-	-	
	Pond	378	no	190	$16,000.00	1%	1	2	1	1	3	5	2	0	-	-	-	-	-	
	Structure for Water Control	587	no	8	$1,000.00	1%	3	2	2	1	0	1	0	0	-	-	-	-	-	
	Subsurface Drain	606	ft	718,238	$1.20	3%	2	1	2	1	0	4	3	0	-	-	X	-	-	
	Terrace	600	ft	4,936,576	$1.50	0%	1	1	1	1	1	0	2	0	X	-	-	-	-	X
	Underground Outlet	620	ft	712,984	$0.93	3%	3	2	3	1	0	0	0	0	-	-	-	-	-	
	Water and Sediment Control Basin	638	no	1,122	$3,250.00	3%	3	3	1	1	0	1	0	0	-	-	-	-	-	
	Wetland Enhancement	659	ac	809	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	-	-	
	Wetland Restoration	657	ac	16,060	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	15,395	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
BM7	**Water Quantity - Excessive Subsurface Water**																			
	Controlled Drainage																			
	Structure for Water Control	587	no	8	$1,000.00	1%	3	2	2	1	0	1	0	0	-	-	-	-	-	
	Subsurface Drain	606	ft	718,238	$1.20	3%	2	1	2	1	0	4	3	0	-	-	X	-	-	
	Wetland Enhancement	659	ac	809	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	-	-	
	Wetland Restoration	657	ac	16,060	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	15,395	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	

Current Conditions for Row Crop																				
Row Crop			Quantity		Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Quantity (Total 2005-2007)	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
BM8	**Water Quality - Excessive Nutrients in Groundwater**																			
	Conservation Crop Rotation	328	ac	634,849	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Cover Crop	340	ac	1,846	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Nutrient Management	590	ac	220,050	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
BM9	**Water Quality - Excessive Nutrients in Surface Waters**																			
	Biofilters																			
	Conservation Crop Rotation	328	ac	634,849	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Controlled Drainage																			
	Cover Crop	340	ac	1,846	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Nutrient Management	590	ac	220,050	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Wetland Restoration	657	ac	16,060	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
BM10	**Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Conservation Crop Rotation	328	ac	634,849	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Contour Buffer Strips	332	ac	3,363	$40.00	2%	2	2	1	1	2	1	4	1	-	-	X	-	-	X
	Contour Farming	330	ac	210,130	$10.00	0%	2	2	1	1	0	0	1	1	-	-	-	-	-	X
	Cover Crop	340	ac	1,846	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Critical Area Planting	342	ac	1,582	$137.50	3%	4	3	4	2	2	1	5	2	X	-	X	-	-	X
	Diversion	362	ft	6,944	$1.13	2%	2	2	1	1	0	0	2	0	-	-	-	-	-	X
	Field Border	386	ft	2,909,620	$0.35	1%	2	2	0	2	2	0	5	1	-	-	X	-	-	X
	Grade Stabilizaton Structure	410	no	470	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	Grassed Waterway	412	ac	18,346	$2,500.00	2%	3	-1	3	2	1	1	4	1	-	-	X	-	-	
	Nutrient Management	590	ac	220,050	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Residue Management, Mulch Till	345	ac	471,635	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
	Residue Management, No-Till/Strip Till	329	ac	279,590	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Riparian Forest Buffer	391	ac	1,615	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Streambank and Shoreline Protection	580	ft	18,517	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Terrace	600	ft	4,936,576	$1.50	0%	1	1	1	1	1	0	2	0	X	-	-	-	-	X
	Underground Outlet	620	ft	712,984	$0.93	3%	3	2	3	1	0	0	0	0	-	-	-	-	-	
	Water and Sediment Control Basin	638	no	1,122	$3,250.00	3%	3	3	1	1	0	1	0	0	-	-	-	-	-	
BM11	**Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X

Current Conditions for Row Crop																				
Row Crop			Quantity		Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Quantity (Total 2005-2007)	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
	Riparian Forest Buffer	391	ac	1,615	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Streambank and Shoreline Protection	580	ft	18,517	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Tree/Shrub Establishment	612	ac	3,377	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Wetland Wildlife Habitat Management	644	ac	15,395	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
BM12	**Plant Condition - Threatened or Endangered Plant Species**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Upland Wildlife Habitat Management	645	ac	137,723	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	15,395	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
BM13	**Plant Condition - Productivity, Health, and Vigor**																			
	Brush Management	314	ac	7,630	$87.50	1%	2	1	1	0	3	2	4	-2	X	-	-	-	-	
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Conservation Crop Rotation	328	ac	634,849	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Nutrient Management	590	ac	220,050	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Pest Management	595	ac	142,970	$4.00	0%	3	2	1	4	3	4	4	3	X	-	X	X	-	
	Riparian Forest Buffer	391	ac	1,615	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Tree/Shrub Establishment	612	ac	3,377	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Windbreak/Shelterbelt Renovation	650	ft	5,622	$1.70	3%	3	2	1	3	4	4	5	3	-	-	-	-	-	X
	Windbreak/Shelterbelt Esttablishment	380	ft	384,656	$350.00	1%	3	2	1	2	4	4	5	3	-	-	X	-	-	X
BM14	**Fish and Wildlife - Inadequate Food**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Conservation Crop Rotation	328	ac	634,849	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Cover Crop	340	ac	1,846	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Early Successional Habitat	647	ac	35,884	$5.23	1%	2	0	0	-2	4	1	4	0	-	-	X	-	-	
	Pond	378	no	190	$16,000.00	1%	1	2	1	1	3	5	2	0	-	-	-	-	-	
	Residue Management, Mulch Till	345	ac	471,635	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
	Residue Management, No-Till/Strip Till	329	ac	279,590	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Upland Wildlife Habitat Management	645	ac	137,723	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	15,395	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
	Wetland Creation	658	ac	320	$675.00	1%	3	1	1	2	4	2	4	1	-	-	-	-	-	
	Wetland Enhancement	659	ac	809	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	-	-	
	Wetland Restoration	657	ac	16,060	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
BM15	**Fish and Wildlife - Inadequate Shelter**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X

Current Conditions for Row Crop																				
Row Crop			**Quantity**		**Costs**		**Effects**								**Implementation**					
Mgmt System	Practice Name	Code	Units	Quantity (Total 2005-2007)	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
	Contour Buffer Strips	332	ac	3,363	$40.00	2%	2	2	1	1	2	1	4	1	-	-	X	-	-	X
	Cover Crop	340	ac	1,846	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Early Successional Habitat	647	ac	35,884	$5.23	1%	2	0	0	-2	4	1	4	0	-	-	X	-	-	
	Field Border	386	ft	2,909,620	$0.35	1%	2	2	0	2	2	0	5	1	-	-	X	-	-	X
	Hedgerow Planting	422	ft	1,400	$1.00	5%	3	1	2	1	3	1	4	2	-	-	-	-	-	
	Residue Management, Mulch Till	345	ac	471,635	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
	Residue Management, No-Till/Strip Till	329	ac	279,590	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Tree/Shrub Establishment	612	ac	3,377	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Upland Wildlife Habitat Management	645	ac	137,723	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Wetland Creation	658	ac	320	$675.00	1%	3	1	1	2	4	2	4	1	-	-	-	-	-	
	Wetland Enhancement	659	ac	809	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	-	-	
	Wetland Restoration	657	ac	16,060	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	15,395	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
	Windbreak/Shelterbelt Esttablishment	380	ft	384,656	$350.00	1%	3	2	1	2	4	4	5	3	-	-	X	-	-	X
	Windbreak/Shelterbelt Renovation	650	ft	5,622	$1.70	3%	3	2	1	3	4	4	5	3	-	-	-	-	-	X
BM16	**Fish and Wildlife - Threatened and Endangered Species**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Early Successional Habitat	647	ac	35,884	$5.23	1%	2	0	0	-2	4	1	4	0	-	-	X	-	-	
	Hedgerow Planting	422	ft	1,400	$1.00	5%	3	1	2	1	3	1	4	2	-	-	-	-	-	
	Upland Wildlife Habitat Management	645	ac	137,723	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	15,395	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	

Future Conditions for Row Crop																			
Row Crop			Units	Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
RMS1	**Soil Erosion - Sheet and Rill**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Conservation Crop Rotation	328	ac	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Contour Buffer Strips	332	ac	$40.00	2%	2	2	1	1	2	1	4	1	-	-	X	-	-	X
	Contour Farming	330	ac	$10.00	0%	2	2	1	1	0	0	1	1	-	-	-	-	-	X
	Cover Crop	340	ac	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Critical Area Planting	342	ac	$137.50	3%	4	3	4	2	2	1	5	2	X	-	X	-	-	X
	Diversion	362	ft	$1.13	2%	2	2	1	1	0	0	2	0	-	-	-	-	-	X
	Field Border	386	ft	$0.35	1%	2	2	0	2	2	0	5	1	-	-	X	-	-	X
	Residue Management, No-Till/Strip Till	329	ac	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Residue Management, Mulch Till	345	ac	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
	Terrace	600	ft	$1.50	0%	1	1	1	1	1	0	2	0	X	-	-	-	-	X
	Underground Outlet	620	ft	$0.93	3%	3	2	3	1	0	0	0	0	-	-	-	-	-	
RMS2	**Soil Erosion - Ephemeral Gully**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Conservation Crop Rotation	328	ac	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Contour Buffer Strips	332	ac	$40.00	2%	2	2	1	1	2	1	4	1	-	-	X	-	-	X
	Contour Farming	330	ac	$10.00	0%	2	2	1	1	0	0	1	1	-	-	-	-	-	X
	Cover Crop	340	ac	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Critical Area Planting	342	ac	$137.50	3%	4	3	4	2	2	1	5	2	X	-	X	-	-	X
	Diversion	362	ft	$1.13	2%	2	2	1	1	0	0	2	0	-	-	-	-	-	X
	Field Border	386	ft	$0.35	1%	2	2	0	2	2	0	5	1	-	-	X	-	-	X
	Grade Stabilizaton Structure	410	no	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	Grassed Waterway	412	ac	$2,500.00	2%	3	-1	3	2	1	1	4	1	-	-	X	-	-	
	Residue Management, No-Till/Strip Till	329	ac	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Residue Management, Mulch Till	345	ac	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
	Terrace	600	ft	$1.50	0%	1	1	1	1	1	0	2	0	X	-	-	-	-	X
	Underground Outlet	620	ft	$0.93	3%	3	2	3	1	0	0	0	0	-	-	-	-	-	
RMS3	**Soil Erosion - Classic Gully**																		
	Critical Area Planting	342	ac	$137.50	3%	4	3	4	2	2	1	5	2	X	-	X	-	-	X
	Diversion	362	ft	$1.13	2%	2	2	1	1	0	0	2	0	-	-	-	-	-	X
	Grade Stabilizaton Structure	410	no	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	Grassed Waterway	412	ac	$2,500.00	2%	3	-1	3	2	1	1	4	1	-	-	X	-	-	
	Pond	378	no	$16,000.00	1%	1	2	1	1	3	5	2	0	-	-	-	-	-	
	Terrace	600	ft	$1.50	0%	1	1	1	1	1	0	2	0	X	-	-	-	-	X
	Underground Outlet	620	ft	$0.93	3%	3	2	3	1	0	0	0	0	-	-	-	-	-	

Future Conditions for Row Crop																			
Row Crop			Units	Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
	Water and Sediment Control Basin	638	no	$3,250.00	3%	3	3	1	1	0	1	0	0	-	-	-	-	-	
RMS4	**Soil Erosion - Streambank**																		
	Critical Area Planting	342	ac	$137.50	3%	4	3	4	2	2	1	5	2	X	-	X	-	-	X
	Filter Strip	393	ac	$2,000.00	2%	2	2	3	2	2	1	5	1	-	-	X	-	-	X
	Grade Stabilizaton Structure	410	no	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	In-Channel Structures																		
	Riparian Forest Buffer	391	ac	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Streambank and Shoreline Protection	580	ft	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
RMS5	**Soil Condition - Organic Matter Depletion**																		
	Conservation Crop Rotation	328	ac	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Cover Crop	340	ac	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Nutrient Management	590	ac	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Residue Management, No-Till/Strip Till	329	ac	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Residue Management, Mulch Till	345	ac	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
RMS6	**Water Quantity - Excessive Runoff, Flooding, or Ponding**																		
	Contour Buffer Strips	332	ac	$40.00	2%	2	2	1	1	2	1	4	1	-	-	X	-	-	X
	Dam, Diversion	348	no	$1,000.00	3%	0	0	2	-2	-2	4	0	0	-	-	-	-	-	
	Pond	378	no	$16,000.00	1%	1	2	1	1	3	5	2	0	-	-	-	-	-	
	Structure for Water Control	587	no	$1,000.00	1%	3	2	2	1	0	1	0	0	-	-	-	-	-	
	Subsurface Drain	606	ft	$1.20	3%	2	1	2	1	0	4	3	0	-	-	X	-	-	
	Terrace	600	ft	$1.50	0%	1	1	1	1	1	0	2	0	X	-	-	-	-	X
	Underground Outlet	620	ft	$0.93	3%	3	2	3	1	0	0	0	0	-	-	-	-	-	
	Water and Sediment Control Basin	638	no	$3,250.00	3%	3	3	1	1	0	1	0	0	-	-	-	-	-	
	Wetland Enhancement	659	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	-	-	
	Wetland Restoration	657	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
RMS7	**Water Quantity - Excessive Subsurface Water**																		
	Controlled Drainage																		
	Structure for Water Control	587	no	$1,000.00	1%	3	2	2	1	0	1	0	0	-	-	-	-	-	
	Subsurface Drain	606	ft	$1.20	3%	2	1	2	1	0	4	3	0	-	-	X	-	-	
	Wetland Enhancement	659	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	-	-	
	Wetland Restoration	657	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
RMS8	**Water Quality - Excessive Nutrients in Groundwater**																		

Future Conditions for Row Crop																			
Row Crop			Units	Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
	Conservation Crop Rotation	328	ac	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Cover Crop	340	ac	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Nutrient Management	590	ac	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
RMS9	**Water Quality - Excessive Nutrients in Surface Waters**																		
	Biofilters																		
	Conservation Crop Rotation	328	ac	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Controlled Drainage																		
	Cover Crop	340	ac	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Nutrient Management	590	ac	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Wetland Restoration	657	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
RMS10	**Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Conservation Crop Rotation	328	ac	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Contour Buffer Strips	332	ac	$40.00	2%	2	2	1	1	2	1	4	1	-	-	X	-	-	X
	Contour Farming	330	ac	$10.00	0%	2	2	1	1	0	0	1	1	-	-	-	-	-	X
	Cover Crop	340	ac	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Critical Area Planting	342	ac	$137.50	3%	4	3	4	2	2	1	5	2	X	-	X	-	-	X
	Diversion	362	ft	$1.13	2%	2	2	1	1	0	0	2	0	-	-	-	-	-	X
	Field Border	386	ft	$0.35	1%	2	2	0	2	2	0	5	1	-	-	X	-	-	X
	Filter Strip	393	ac	$2,000.00	2%	2	2	3	2	2	1	5	1	-	-	X	-	-	X
	Grade Stabilizaton Structure	410	no	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	Grassed Waterway	412	ac	$2,500.00	2%	3	-1	3	2	1	1	4	1	-	-	X	-	-	
	Nutrient Management	590	ac	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Residue Management, Mulch Till	345	ac	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
	Residue Management, No-Till/Strip Till	329	ac	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Riparian Forest Buffer	391	ac	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Streambank and Shoreline Protection	580	ft	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Terrace	600	ft	$1.50	0%	1	1	1	1	1	0	2	0	X	-	-	-	-	X
	Underground Outlet	620	ft	$0.93	3%	3	2	3	1	0	0	0	0	-	-	-	-	-	
	Water and Sediment Control Basin	638	no	$3,250.00	3%	3	3	1	1	0	1	0	0	-	-	-	-	-	
RMS11	**Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	In-Channel Structures																		
	Riparian Forest Buffer	391	ac	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	

Future Conditions for Row Crop																			
Row Crop			Units	Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
	Streambank and Shoreline Protection	580	ft	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Tree/Shrub Establishment	612	ac	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Wetland Wildlife Habitat Management	644	ac	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
RMS12	**Plant Condition - Threatened or Endangered Plant Species**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Upland Wildlife Habitat Management	645	ac	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
RMS13	**Plant Condition - Productivity, Health, and Vigor**																		
	Brush Management	314	ac	$87.50	1%	2	1	1	0	3	2	4	-2	X	-	-	-	-	
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Conservation Crop Rotation	328	ac	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Field Windbreak	392			1%														
	Filter Strip	393	ac	$2,000.00	2%	2	2	3	2	2	1	5	1	-	-	X	-	-	X
	Nutrient Management	590	ac	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Pest Management	595	ac	$4.00	0%	3	2	1	4	3	4	4	3	X	-	X	X	-	
	Riparian Forest Buffer	391	ac	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Tree/Shrub Establishment	612	ac	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Windbreak/Shelterbelt Renovation	650	ft	$1.70	3%	3	2	1	3	4	4	5	3	-	-	-	-	-	X
	Windbreak/Shelterbelt Esttablishment	380	ft	$350.00	1%	3	2	1	2	4	4	5	3	-	-	X	-	-	X
RMS14	**Fish and Wildlife - Inadequate Food**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Conservation Crop Rotation	328	ac	$50.00	0%	2	4	2	2	2	3	4	2	X	-	-	-	-	
	Cover Crop	340	ac	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Early Successional Habitat	647	ac	$5.23	1%	2	0	0	-2	4	1	4	0	-	-	X	-	-	
	Field Windbreak	392			1%														
	Pond	378	no	$16,000.00	1%	1	2	1	1	3	5	2	0	-	-	-	-	-	
	Grasses and Legumes in Rotation	411			1%														
	Residue Management, Mulch Till	345	ac	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
	Residue Management, No-Till/Strip Till	329	ac	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Upland Wildlife Habitat Management	645	ac	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
	Wetland Creation	658	ac	$675.00	1%	3	1	1	2	4	2	4	1	-	-	-	-	-	
	Wetland Enhancement	659	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	-	-	
	Wetland Restoration	657	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
RMS15	**Fish and Wildlife - Inadequate Shelter**																		

Future Conditions for Row Crop																			
Row Crop			**Units**	**Costs**		**Effects**								**Implementation**					
Mgmt System	Practice Name	Code	Units	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Contour Buffer Strips	332	ac	$40.00	2%	2	2	1	1	2	1	4	1	-	-	X	-	-	X
	Cover Crop	340	ac	$31.50	1%	2	2	2	2	2	3	3	2	-	-	-	-	-	
	Early Successional Habitat	647	ac	$5.23	1%	2	0	0	-2	4	1	4	0	-	-	X	-	-	
	Field Border	386	ft	$0.35	1%	2	2	0	2	2	0	5	1	-	-	X	-	-	X
	Hedgerow Planting	422	ft	$1.00	5%	3	1	2	1	3	1	4	2	-	-	-	-	-	
	Residue Management, Mulch Till	345	ac	$33.00	0%	3	0	0	0	0	0	0	0	X	-	-	-	-	
	Residue Management, No-Till/Strip Till	329	ac	$14.00	0%	4	0	0	0	0	0	0	0	X	-	-	-	-	X
	Tree/Shrub Establishment	612	ac	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Upland Wildlife Habitat Management	645	ac	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Wetland Creation	658	ac	$675.00	1%	3	1	1	2	4	2	4	1	-	-	-	-	-	
	Wetland Enhancement	659	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	-	-	
	Wetland Restoration	657	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
	Windbreak/Shelterbelt Esttablishment	380	ft	$350.00	1%	3	2	1	2	4	4	5	3	-	-	X	-	-	X
	Windbreak/Shelterbelt Renovation	650	ft	$1.70	3%	3	2	1	3	4	4	5	3	-	-	-	-	-	X
RMS16	**Fish and Wildlife - Threatened and Endangered Species**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Early Successional Habitat	647	ac	$5.23	1%	2	0	0	-2	4	1	4	0	-	-	X	-	-	
	Hedgerow Planting	422	ft	$1.00	5%	3	1	2	1	3	1	4	2	-	-	-	-	-	
	Upland Wildlife Habitat Management	645	ac	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
	Air Quality - Road Dust																		
	Dust Control Products																		
	Use Exclusion																		

Current Conditions for Livestock Operations																				
Livestock Operations			Quantity		Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Quantity (Total 2005-2007)	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
BM1	**Water Quality - Excessive Nutrients in Surface Waters**																			
	Composting Facility	317	no	5	$12,500.00	2%	0	2	0	2	0	0	1	1	-	-	-	-	-	
	Nutrient Management	590	ac	220,050	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Waste Storage Facility	313	no	143	$55,000.00	2%	0	2	0	2	0	0	2	-1	X	-	-	-	-	
	Waste Utilization	633	ac	1,465	$83.00	1%	2	2	2	2	0	4	3	1	-	-	-	-	-	
BM2	**Water Quality - Harmful Levels of Pathogens in Surface Water**																			
	Composting Facility	317	no	5	$12,500.00	2%	0	2	0	2	0	0	1	1	-	-	-	-	-	
	Nutrient Management	590	ac	220,050	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Waste Storage Facility	313	no	143	$55,000.00	2%	0	2	0	2	0	0	2	-1	X	-	-	-	-	
	Waste Utilization	633	ac	1,465	$83.00	1%	2	2	2	2	0	4	3	1	-	-	-	-	-	
BM3	**Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	In-Channel Structures																			
	Riparian Forest Buffer	391	ac	1,615	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Streambank and Shoreline Protection	580	ft	18,517	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Tree/Shrub Establishment	612	ac	3,377	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
BM4	**Air Quality - Objectionable Odors**																			
	Composting Facility	317	no	5	$12,500.00	2%	0	2	0	2	0	0	1	1	-	-	-	-	-	
	Tree/Shrub Establishment	612	ac	3,377	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Windbreak/Shelterbelt Esttablishment	380	ft	384,656	$350.00	1%	3	2	1	2	4	4	5	3	-	-	X	-	-	X
	Windbreak/Shelterbelt Renovation	650	ft	5,622	$1.70	3%	3	2	1	3	4	4	5	3	-	-	-	-	-	X
	Waste Storage Facility	313	no	143	$55,000.00	2%	0	2	0	2	0	0	2	-1	X	-	-	-	-	
	Waste Utilization	633	ac	1,465	$83.00	1%	2	2	2	2	0	4	3	1	-	-	-	-	-	
BM5	**Air Quality - Ammonia**																			
	Composting Facility	317	no	5	$12,500.00	2%	0	2	0	2	0	0	1	1	-	-	-	-	-	
	Waste Storage Facility	313	no	143	$55,000.00	2%	0	2	0	2	0	0	2	-1	X	-	-	-	-	
	Waste Utilization	633	ac	1,465	$83.00	1%	2	2	2	2	0	4	3	1	-	-	-	-	-	

Future Conditions for Livestock Operations																			
Livestock Operations			Units	Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
RMS1	**Water Quality - Excessive Nutrients in Surface Waters**																		
	Composting Facility	317	no	$12,500.00	2%	0	2	0	2	0	0	1	1	-	-	-	-	-	
	Nutrient Management	590	ac	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Waste Storage Facility	313	no	$55,000.00	2%	0	2	0	2	0	0	2	-1	X	-	-	-	-	
	Waste Treatment Lagoon	359			2%														
	Waste Utilization	633	ac	$83.00	1%	2	2	2	2	0	4	3	1	-	-	-	-	-	
RMS2	**Water Quality - Harmful Levels of Pathogens in Surface Water**																		
	Composting Facility	317	no	$12,500.00	2%	0	2	0	2	0	0	1	1	-	-	-	-	-	
	Nutrient Management	590	ac	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Waste Storage Facility	313	no	$55,000.00	2%	0	2	0	2	0	0	2	-1	X	-	-	-	-	
	Waste Treatment Lagoon	359			2%														
	Waste Utilization	633	ac	$83.00	1%	2	2	2	2	0	4	3	1	-	-	-	-	-	
RMS3	**Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	In-Channel Structures																		
	Riparian Forest Buffer	391	ac	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Streambank and Shoreline Protection	580	ft	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Tree/Shrub Establishment	612	ac	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
RMS4	**Air Quality - Objectionable Odors**																		
	Composting Facility	317	no	$12,500.00	2%	0	2	0	2	0	0	1	1	-	-	-	-	-	
	Tree/Shrub Establishment	612	ac	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Windbreak/Shelterbelt Esttablishment	380	ft	$350.00	1%	3	2	1	2	4	4	5	3	-	-	X	-	-	X
	Windbreak/Shelterbelt Renovation	650	ft	$1.70	3%	3	2	1	3	4	4	5	3	-	-	-	-	-	X
	Waste Storage Facility	313	no	$55,000.00	2%	0	2	0	2	0	0	2	-1	X	-	-	-	-	
	Waste Treatment Lagoon	359			2%														
	Waste Utilization	633	ac	$83.00	1%	2	2	2	2	0	4	3	1	-	-	-	-	-	
RMS5	**Air Quality - Ammonia**																		
	Composting Facility	317	no	$12,500.00	2%	0	2	0	2	0	0	1	1	-	-	-	-	-	
	Waste Storage Facility	313	no	$55,000.00	2%	0	2	0	2	0	0	2	-1	X	-	-	-	-	
	Waste Treatment Lagoon	359			2%														
	Waste Utilization	633	ac	$83.00	1%	2	2	2	2	0	4	3	1	-	-	-	-	-	

Current Conditions for Pasture/Grazed Timber/Grassland																				
Pasture/Grazed Timber/Grassland			**Quantity**		**Costs**		**Effects**								**Implementation**					
Mgmt System	Practice Name	Code	Units	Quantity (Total 2005-2007)	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
BM1	**Soil Erosion - Sheet and Rill**																			
	Forage Harvest Management	511	ac	6,286	$75.00	0%	2	2	1	2	2	4	4	0	-	-	-	-	-	
	Pasture and Hayland Planting	512	ac	29,403	$64.50	1%	3	4	1	2	2	4	5	1	X	-	-	-	X	X
	Prescribed Grazing	528	ac	38,075	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
BM2	**Soil Erosion - Ephemeral Gully**																			
	Grade Stabilizaton Structure	410	no	470	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	Pasture and Hayland Planting	512	ac	29,403	$64.50	1%	3	4	1	2	2	4	5	1	X	-	-	-	X	X
	Prescribed Grazing	528	ac	38,075	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
BM3	**Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters**																			
	Fencing	382	ft	1,146,313	$0.88	2%	0	0	0	0	-1	4	4	0	X	-	-	-	-	
	Riparian Forest Buffer	391	ac	1,615	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Grade Stabilizaton Structure	410	no	470	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	Use Exclusion	472	ac	99,717	$50.00	3%	2	2	2	1	3	4	4	2	X	-	X	X	-	
	Pasture and Hayland Planting	512	ac	29,403	$64.50	1%	3	4	1	2	2	4	5	1	X	-	-	-	X	X
	Streambank and Shoreline Protection	580	ft	18,517	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Prescribed Grazing	528	ac	38,075	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
BM4	**Water Quality - Harmful Levels of Pathogens in Surface Water**																			
	Fencing	382	ft	1,146,313	$0.88	2%	0	0	0	0	-1	4	4	0	X	-	-	-	-	
	Riparian Forest Buffer	391	ac	1,615	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Use Exclusion	472	ac	99,717	$50.00	3%	2	2	2	1	3	4	4	2	X	-	X	X	-	
	Streambank and Shoreline Protection	580	ft	18,517	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Prescribed Grazing	528	ac	38,075	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
BM5	**Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Fencing	382	ft	1,146,313	$0.88	2%	0	0	0	0	-1	4	4	0	X	-	-	-	-	
	In-Channel Structures																			
	Prescribed Grazing	528	ac	38,075	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
	Riparian Forest Buffer	391	ac	1,615	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Streambank and Shoreline Protection	580	ft	18,517	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Tree/Shrub Establishment	612	ac	3,377	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Use Exclusion	472	ac	99,717	$50.00	3%	2	2	2	1	3	4	4	2	X	-	X	X	-	
BM6	**Plant Condition - Threatened or Endangered Plant Species**																			

Current Conditions for Pasture/Grazed Timber/Grassland																				
Pasture/Grazed Timber/Grassland			**Quantity**		**Costs**		**Effects**								**Implementation**					
Mgmt System	Practice Name	Code	Units	Quantity (Total 2005-2007)	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Fencing	382	ft	1,146,313	$0.88	2%	0	0	0	0	-1	4	4	0	X	-	-	-	-	
	Prescribed Grazing	528	ac	38,075	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
	Riparian Forest Buffer	391	ac	1,615	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Tree/Shrub Establishment	612	ac	3,377	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Upland Wildlife Habitat Management	645	ac	137,723	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Use Exclusion	472	ac	99,717	$50.00	3%	2	2	2	1	3	4	4	2	X	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	15,395	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
BM7	**Plant Condition - Forage Quality and Palatability**																			
	Brush Management	314	ac	7,630	$87.50	1%	2	1	1	0	3	2	4	-2	X	-	-	-	-	
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Forage Harvest Management	511	ac	6,286	$75.00	0%	2	2	1	2	2	4	4	0	-	-	-	-	-	
	Nutrient Management	590	ac	220,050	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Pasture and Hayland Planting	512	ac	29,403	$64.50	1%	3	4	1	2	2	4	5	1	X	-	-	-	X	X
	Pest Management	595	ac	142,970	$4.00	0%	3	2	1	4	3	4	4	3	X	-	X	X	-	
	Prescribed Grazing	528	ac	38,075	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
	Riparian Forest Buffer	391	ac	1,615	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Tree/Shrub Establishment	612	ac	3,377	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Windbreak/Shelterbelt Esttablishment	380	ft	384,656	$350.00	1%	3	2	1	2	4	4	5	3	-	-	X	-	-	X
	Windbreak/Shelterbelt Renovation	650	ft	5,622	$1.70	3%	3	2	1	3	4	4	5	3	-	-	-	-	-	X
BM8	**Fish and Wildlife - Plant Community Fragmentation**																			
	Conservation Cover	327	ac	109,553	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Early Successional Habitat	647	ac	35,884	$5.23	1%	2	0	0	-2	4	1	4	0	-	-	X	-	-	
	Forage Harvest Management	511	ac	6,286	$75.00	0%	2	2	1	2	2	4	4	0	-	-	-	-	-	
	Hedgerow Planting	422	ft	1,400	$1.00	5%	3	1	2	1	3	1	4	2	-	-	-	-	-	
	Pasture and Hayland Planting	512	ac	29,403	$64.50	1%	3	4	1	2	2	4	5	1	X	-	-	-	X	X
	Prescribed Burning	338	ac	6,708	$25.00	1%	2	1	1	1	3	2	5	0	-	-	X	-	-	
	Prescribed Grazing	528	ac	38,075	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
	Tree/Shrub Establishment	612	ac	3,377	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Upland Wildlife Habitat Management	645	ac	137,723	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Wetland Creation	658	ac	320	$675.00	1%	3	1	1	2	4	2	4	1	-	-	-	-	-	
	Wetland Enhancement	659	ac	809	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	-	-	
	Wetland Restoration	657	ac	16,060	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	

Current Conditions for Pasture/Grazed Timber/Grassland																				
Pasture/Grazed Timber/Grassland			**Quantity**		**Costs**		**Effects**								**Implementation**					
Mgmt System	Practice Name	Code	Units	Quantity (Total 2005-2007)	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
	Wetland Wildlife Habitat Management	644	ac	15,395	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	

Future Conditions for Pasture/Grazed Timber/Grassland																			
Pasture/Grazed Timber/Grassland			Units	Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
RMS1	**Soil Erosion - Sheet and Rill**																		
	Forage Harvest Management	511	ac	$75.00	0%	2	2	1	2	2	4	4	0	-	-	-	-	-	
	Pasture and Hayland Planting	512	ac	$64.50	1%	3	4	1	2	2	4	5	1	X	-	-	-	X	X
	Prescribed Grazing	528	ac	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
RMS2	**Soil Erosion - Ephemeral Gully**																		
	Grade Stabilizaton Structure	410	no	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	Pasture and Hayland Planting	512	ac	$64.50	1%	3	4	1	2	2	4	5	1	X	-	-	-	X	X
	Prescribed Grazing	528	ac	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
RMS3	**Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters**																		
	Fencing	382	ft	$0.88	2%	0	0	0	0	-1	4	4	0	X	-	-	-	-	
	Riparian Forest Buffer	391	ac	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Grade Stabilizaton Structure	410	no	$10,000.00	1%	1	0	1	2	2	0	0	0	X	-	-	-	-	X
	Use Exclusion	472	ac	$50.00	3%	2	2	2	1	3	4	4	2	X	-	X	X	-	
	Pasture and Hayland Planting	512	ac	$64.50	1%	3	4	1	2	2	4	5	1	X	-	-	-	X	X
	Streambank and Shoreline Protection	580	ft	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Prescribed Grazing	528	ac	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
RMS4	**Water Quality - Harmful Levels of Pathogens in Surface Water**																		
	Fencing	382	ft	$0.88	2%	0	0	0	0	-1	4	4	0	X	-	-	-	-	
	Riparian Forest Buffer	391	ac	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Use Exclusion	472	ac	$50.00	3%	2	2	2	1	3	4	4	2	X	-	X	X	-	
	Streambank and Shoreline Protection	580	ft	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Prescribed Grazing	528	ac	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
RMS5	**Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Fencing	382	ft	$0.88	2%	0	0	0	0	-1	4	4	0	X	-	-	-	-	
	In-Channel Structures																		
	Prescribed Grazing	528	ac	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
	Riparian Forest Buffer	391	ac	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Streambank and Shoreline Protection	580	ft	$20.00	10%	4	2	3	2	2	1	4	3	-	-	-	-	-	
	Tree/Shrub Establishment	612	ac	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Use Exclusion	472	ac	$50.00	3%	2	2	2	1	3	4	4	2	X	-	X	X	-	
RMS6	**Plant Condition - Threatened or Endangered Plant Species**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X

Future Conditions for Pasture/Grazed Timber/Grassland																			
Pasture/Grazed Timber/Grassland			Units	Costs		Effects								Implementation					
Mgmt System	Practice Name	Code	Units	Unit Cost	Op. & Maint. Cost	Soil Erosion	Soil Condition	Water Quanity	Water Quality	Fish and Wildlife	Domestic Animals	Plant Condition	Air Quality	EQIP	WHIP	CRP	WRP	GLC	IFIP
	Fencing	382	ft	$0.88	2%	0	0	0	0	-1	4	4	0	X	-	-	-	-	
	Prescribed Grazing	528	ac	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
	Riparian Forest Buffer	391	ac	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Tree/Shrub Establishment	612	ac	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Upland Wildlife Habitat Management	645	ac	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Use Exclusion	472	ac	$50.00	3%	2	2	2	1	3	4	4	2	X	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	
RMS7	**Plant Condition - Forage Quality and Palatability**																		
	Brush Management	314	ac	$87.50	1%	2	1	1	0	3	2	4	-2	X	-	-	-	-	
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Field Windbreak	392			1%														
	Forage Harvest Management	511	ac	$75.00	0%	2	2	1	2	2	4	4	0	-	-	-	-	-	
	Nutrient Management	590	ac	$10.00	0%	2	2	0	2	1	3	3	2	X	-	X	X	-	
	Pasture and Hayland Planting	512	ac	$64.50	1%	3	4	1	2	2	4	5	1	X	-	-	-	X	X
	Pest Management	595	ac	$4.00	0%	3	2	1	4	3	4	4	3	X	-	X	X	-	
	Prescribed Grazing	528	ac	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
	Riparian Forest Buffer	391	ac	$317.00	1%	2	3	3	3	4	4	4	2	-	-	X	-	-	
	Tree/Shrub Establishment	612	ac	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Windbreak/Shelterbelt Esttablishment	380	ft	$350.00	1%	3	2	1	2	4	4	5	3	-	-	X	-	-	X
	Windbreak/Shelterbelt Renovation	650	ft	$1.70	3%	3	2	1	3	4	4	5	3	-	-	-	-	-	X
RMS8	**Fish and Wildlife - Plant Community Fragmentation**																		
	Conservation Cover	327	ac	$95.00	3%	2	2	2	2	2	0	4	2	X	-	X	X	-	X
	Early Successional Habitat	647	ac	$5.23	1%	2	0	0	-2	4	1	4	0	-	-	X	-	-	
	Forage Harvest Management	511	ac	$75.00	0%	2	2	1	2	2	4	4	0	-	-	-	-	-	
	Hedgerow Planting	422	ft	$1.00	5%	3	1	2	1	3	1	4	2	-	-	-	-	-	
	Pasture and Hayland Planting	512	ac	$64.50	1%	3	4	1	2	2	4	5	1	X	-	-	-	X	X
	Prescribed Burning	338	ac	$25.00	1%	2	1	1	1	3	2	5	0	-	-	X	-	-	
	Prescribed Grazing	528	ac	$75.00	0%	3	3	1	2	3	4	4	2	X	-	-	-	-	
	Tree/Shrub Establishment	612	ac	$285.00	0%	3	2	2	2	4	3	5	3	-	-	X	X	-	X
	Upland Wildlife Habitat Management	645	ac	$150.00	0%	2	0	0	2	5	2	4	2	-	-	X	X	-	
	Wetland Creation	658	ac	$675.00	1%	3	1	1	2	4	2	4	1	-	-	-	-	-	
	Wetland Enhancement	659	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	-	-	
	Wetland Restoration	657	ac	$675.00	1%	3	1	3	2	4	2	4	1	-	-	X	X	-	
	Wetland Wildlife Habitat Management	644	ac	$7.00	1%	3	0	3	2	4	2	4	1	-	-	X	X	-	

Iowa, Upper			BM																												
			1	2	3	4	5	6	7	8	9	10	11	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Current Conditions	**Practice Name**	**Acres**	Soil Erosion - Sheet and Rill	Soil Erosion - Ephemeral Gully	Soil Erosion - Classic Gully	Soil Erosion - Streambank	Soil Condition - Organic Matter Depletion	Water Quantity - Excessive Runoff, Flooding, or Ponding	Water Quantity - Excessive Subsurface Water	Water Quality - Excessive Nutrients in Groundwater	Water Quality - Excessive Nutrients in Surface Waters	Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Plant Condition - Threatened or Endangered Plant Species	Plant Condition - Productivity, Health, and Vigor	Fish and Wildlife - Inadequate Food	Fish and Wildlife - Inadequate Shelter	Fish and Wildlife - Threatened and Endangered Species	Soil Erosion - Sheet and Rill	Soil Erosion - Ephemeral Gully	Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters	Water Quality - Harmful Levels of Pathogens in Surface Water	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Plant Condition - Threatened or Endangered Plant Species	Plant Condition - Forage Quality and Palatability	Fish and Wildlife - Plant Community Fragmentation	Water Quality - Excessive Nutrients in Surface Waters	Water Quality - Harmful Levels of Pathogens in Surface Water	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Air Quality - Objectionable Odors	Air Quality - Ammonia
Practice Code	**Practice Name**																														
313	Waste Storage Facility																										X	X		X	X
314	Brush Management														X										X						
317	Composting Facility																										X	X		X	X
327	Conservation Cover		X	X								X	X	X	X	X	X	X					X	X	X	X			X		
328	Conservation Crop Rotation		X	X			X			X	X	X			X	X															
329	Residue Management, No-Till/Strip Till		X	X			X					X				X	X														
345	Residue Management, Mulch Till		X	X			X					X				X	X														
330	Contour Farming		X	X								X																			
332	Contour Buffer Strips		X	X				X				X					X														
338	Prescribed Burning																									X					
340	Cover Crop		X	X			X			X	X	X				X	X														
342	Critical Area Planting		X	X	X	X						X																			
348	Dam, Diversion							X																							
362	Diversion		X	X								X																			
378	Pond				X			X								X															
380	Windbreak/Shelterbelt Establishment														X		X								X					X	
382	Fencing																				X	X	X	X							
386	Field Border		X	X								X					X														
391	Riparian Forest Buffer					X							X		X						X	X	X	X	X				X		
393	Filter Strip											X																			
410	Grade Stabilizaton Structure			X	X	X						X								X	X										
412	Grassed Waterway			X	X							X																			
422	Hedgerow Planting																X	X								X					
472	Use Exclusion																				X	X	X	X							
511	Forage Harvest Management																								X	X					
512	Pasture and Hayland Planting																		X	X	X				X	X					
517	Forage Harvest Management																		X												
528	Prescribed Grazing																		X	X	X	X	X	X	X	X					
580	Streambank and Shoreline Protection					X						X	X								X	X	X						X		

Iowa, Upper			BM																												
			1	2	3	4	5	6	7	8	9	10	11	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Current Conditions	**Practice Name**	**Acres**	Soil Erosion - Sheet and Rill	Soil Erosion - Ephemeral Gully	Soil Erosion - Classic Gully	Soil Erosion - Streambank	Soil Condition - Organic Matter Depletion	Water Quantity - Excessive Runoff, Flooding, or Ponding	Water Quantity - Excessive Subsurface Water	Water Quality - Excessive Nutrients in Groundwater	Water Quality - Excessive Nutrients in Surface Waters	Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Plant Condition - Threatened or Endangered Plant Species	Plant Condition - Productivity, Health, and Vigor	Fish and Wildlife - Inadequate Food	Fish and Wildlife - Inadequate Shelter	Fish and Wildlife - Threatened and Endangered Species	Soil Erosion - Sheet and Rill	Soil Erosion - Ephemeral Gully	Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters	Water Quality - Harmful Levels of Pathogens in Surface Water	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Plant Condition - Threatened or Endangered Plant Species	Plant Condition - Forage Quality and Palatability	Fish and Wildlife - Plant Community Fragmentation	Water Quality - Excessive Nutrients in Surface Waters	Water Quality - Harmful Levels of Pathogens in Surface Water	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Air Quality - Objectionable Odors	Air Quality - Ammonia
Practice Code	**Practice Name**																														
587	Structure for Water Control							X	X																						
590	Nutrient Management						X			X	X	X			X										X		X	X			
595	Pest Management														X										X						
600	Terrace		X	X	X			X				X																			
606	Subsurface Drain							X	X																						
612	Tree/Shrub Establishment												X		X		X						X	X	X	X			X	X	
620	Underground Outlet		X	X	X			X				X																			
633	Waste Utilization																										X	X		X	X
638	Water and Sediment Control Basin				X			X				X																			
644	Wetland Wildlife Habitat Management							X	X				X	X		X	X	X						X		X					
645	Upland Wildlife Habitat Management													X		X	X	X						X		X					
650	Windbreak/Shelterbelt Renovation														X		X								X					X	
657	Wetland Restoration							X	X		X					X	X									X					
658	Wetland Creation															X	X									X					
659	Wetland Enhancement							X	X							X	X									X					
	Biofilters										X																				
	Early Successional Habitat															X	X	X								X					
	Controlled Drainage								X		X																				
	In-Channel Structures					X																	X						X		

Iowa, Upper		RMS																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Future Conditions	**Practice Name**	Soil Erosion - Sheet and Rill	Soil Erosion - Ephemeral Gully	Soil Erosion - Classic Gully	Soil Erosion - Streambank	Soil Condition - Organic Matter Depletion	Water Quantity - Excessive Runoff, Flooding, or Ponding	Water Quantity - Excessive Subsurface Water	Water Quality - Excessive Nutrients in Groundwater	Water Quality - Excessive Nutrients in Surface Waters	Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Air Quality - Road Dust	Plant Condition - Threatened or Endangered Plant Species	Plant Condition - Productivity, Health, and Vigor	Fish and Wildlife - Inadequate Food	Fish and Wildlife - Inadequate Shelter	Fish and Wildlife - Threatened and Endangered Species	Soil Erosion - Sheet and Rill	Soil Erosion - Ephemeral Gully	Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters	Water Quality - Harmful Levels of Pathogens in Surface Water	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Plant Condition - Threatened or Endangered Plant Species	Plant Condition - Forage Quality and Palatability	Fish and Wildlife - Plant Community Fragmentation	Water Quality - Excessive Nutrients in Surface Waters	Water Quality - Harmful Levels of Pathogens in Surface Water	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Air Quality - Objectionable Odors	Air Quality - Ammonia
Practice Code	**Practice Name**																														
313	Waste Storage Facility																										X	X		X	X
314	Brush Management														X										X						
317	Composting Facility																										X	X		X	X
327	Conservation Cover	X	X								X	X		X	X	X	X	X					X	X	X	X			X		
328	Conservation Crop Rotation	X	X			X			X	X	X				X	X															
329	Residue Management, No-Till/Strip Till	X	X			X					X					X	X														
345	Residue Management, Mulch Till	X	X			X					X					X	X														
330	Contour Farming	X	X								X																				
332	Contour Buffer Strips	X	X				X				X						X														
338	Prescribed Burning																									X					
340	Cover Crop	X	X			X			X	X	X					X	X														
342	Critical Area Planting	X	X	X	X						X																				
348	Dam, Diversion						X																								
359	Waste Treatment Lagoon																										X	X		X	X
362	Diversion	X	X	X							X																				
378	Pond			X			X									X															
380	Windbreak/Shelterbelt Establishment														X		X								X					X	
382	Fencing																				X	X	X	X							
386	Field Border	X	X								X						X														
391	Riparian Forest Buffer				X						X	X			X						X	X	X	X	X				X		
392	Field Windbreak														X	X									X						
393	Filter Strip				X						X				X																
410	Grade Stabilizaton Structure		X	X	X						X									X	X										
411	Grasses and Legumes in Rotation															X															
412	Grassed Waterway		X	X							X																				
422	Hedgerow Planting																X	X								X					
472	Use Exclusion																				X	X	X	X							
512	Pasture and Hayland Planting																		X	X	X				X	X					
517	Forage Harvest Management																		X						X	X					
528	Prescribed Grazing																		X	X	X	X	X	X	X	X					

Iowa, Upper		RMS																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Future Conditions	**Practice Name**	Soil Erosion - Sheet and Rill	Soil Erosion - Ephemeral Gully	Soil Erosion - Classic Gully	Soil Erosion - Streambank	Soil Condition - Organic Matter Depletion	Water Quantity - Excessive Runoff, Flooding, or Ponding	Water Quantity - Excessive Subsurface Water	Water Quality - Excessive Nutrients in Groundwater	Water Quality - Excessive Nutrients in Surface Waters	Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Air Quality - Road Dust	Plant Condition - Threatened or Endangered Plant Species	Plant Condition - Productivity, Health, and Vigor	Fish and Wildlife - Inadequate Food	Fish and Wildlife - Inadequate Shelter	Fish and Wildlife - Threatened and Endangered Species	Soil Erosion - Sheet and Rill	Soil Erosion - Ephemeral Gully	Water Quality - Excessive Suspended and Bedded Sediments in Surface Waters	Water Quality - Harmful Levels of Pathogens in Surface Water	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Plant Condition - Threatened or Endangered Plant Species	Plant Condition - Forage Quality and Palatability	Fish and Wildlife - Plant Community Fragmentation	Water Quality - Excessive Nutrients in Surface Waters	Water Quality - Harmful Levels of Pathogens in Surface Water	Aquatic Integrity - Excessive Temperature, Low Dissolved Oxygen, Habitat Alteration	Air Quality - Objectionable Odors	Air Quality - Ammonia
Practice Code	**Practice Name**																														
580	Streambank and Shoreline Protection				X						X	X									X	X	X						X		
587	Structure for Water Control						X	X																							
590	Nutrient Management					X			X	X	X				X										X		X	X			
595	Pest Management														X										X						
600	Terrace	X	X	X			X				X																				
606	Subsurface Drain						X	X																							
612	Tree/Shrub Establishment											X			X		X						X	X	X	X			X	X	
620	Underground Outlet	X	X	X			X				X																				
633	Waste Utilization																										X	X		X	X
638	Water and Sediment Control Basin			X			X				X																				
644	Wetland Wildlife Habitat Management						X	X				X		X		X	X	X						X		X					
645	Upland Wildlife Habitat Management													X		X	X	X						X		X					
650	Windbreak/Shelterbelt Renovation														X		X								X					X	
657	Wetland Restoration						X	X		X						X	X									X					
658	Wetland Creation															X	X									X					
659	Wetland Enhancement						X	X								X	X									X					
	Biofilters									X																					
	Controlled Drainage							X		X																					
	Dust Control Products												X																		
	Early Successional Habitat															X	X	X								X					
	In-Channel Structures				X							X											X						X		
	Use Exclusion												X																		