

RESOURCE MANAGEMENT SYSTEM

GUIDE SHEET

FOR CROPLAND LAND USE  
[Non-Highly Erodible Land]

Major Land Resource Area: 74

Applicable Soils: Detroit, sic1; New Cambria, sic.

I value =38      K value =.37      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Alluvial Land, 1; Alluvial Land, Wet; Eudora, sil; Hord, sil;  
Muir, sil; Tobin, sil; Saltine, sic1; Hobbs, sil.

I value =48      K value =.32      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Crete, sil, 0-2; Crete, sil, 0-1.

I value =48      K value =.37      Average Slope =      250' LENGTH 1%      T=4

Applicable Soils: Bridgeport, sil, McCook, 1; Saltine, sil; McCook, sil; McCook,  
Soils; Roxbury, sil, Roxbury, sic1.

I value =86      K value =.32      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: New Cambria, sic1.

I value =86      K value =.37      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Cass, fs1; Carr, fs1; McCook, fs1.

I value =86      K value =.20      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Carr,fs1; Carr and Sarpy; Carwile, fs1.

I value =86      K value =.24      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Humbarger, 1; Sutphen, sic; New Cambria, sic; New Cambria, sic1.

I value =86      K value =.28      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Sarpy, 1fs.

I value =134      K value =.17      Average Slope =      250' LENGTH 1%      T=5

## RESOURCE MANAGEMENT TREATMENT OPTIONS \*\*

Option	Erosion Control & Water Quality	Water Disposal	Animal Waste & Agri.-Chem. Management	Resource Management	Water Management	Offsite Effects	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
#1							
Conservation Cropping Sequence-W,W	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
#2							
Conservation Cropping Sequence-W,S,F	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Wildlife Up1. Hab. Mgt.				X			
#3							
Conservation Cropping Sequence-W,B,S,F	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Wildlife Up1. Hab. Mgt.				X			
#4							
Conservation Cropping Sequence-Cont. Corn	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
#5							
Conservation Cropping Sequence-W,B,S and 5 yrs. Meadow	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Wildlife Up1. Hab. Mgt.				X			
#6							
Pasture and Hayland Planting	X			X		X	
#7							
Range Seeding	X			X		X	
#8							
Tree Planting	X			X		X	
Wildlife Up1. Hab. Mgt.				X			

\*\* Different conservation practices can be substituted to form various combinations for treatment options to achieve both erosion control and complete resource management systems. USLE and WEQ factors used are MLRA averages. Site specific factors should be adjusted for local conditions.

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Major Land Resource Area: 74

Applicable Soils: Lancaster, 1, 1-3.

I value =48      K value =.28      Average Slope =      250' LENGTH 2%      T=4

Applicable Soils: Wells, 1, 0-3; Wells, 1, 1-3.

I value =48      K value =.28      Average Slope =      250' LENGTH 2%      T=5

Applicable Soils: Wells, 1, 3-6.

I value =48      K value =.28      Average Slope =      175' LENGTH 5%      T=5

Applicable Soils: Hastings, sil, 1-3; Longford, sil, 1-3; Geary, sil, 1-3; Harney, sil, 1-3.

I value =48      K value =.32      Average Slope =      250' LENGTH 2%      T=5

Applicable Soils: Crete, sil, 1-3.

I value =38      K value =.37      Average Slope =      250' LENGTH 2%      T=4

Applicable Soils: Jansen, s1, 1-4.

I value =86      K value =.20      Average Slope =      250' LENGTH 2%      T=4

Applicable Soils: Wells, s1, 2-5.

I value =86      K value =.28      Average Slope =      175' LENGTH 5%      T=5

## RESOURCE MANAGEMENT TREATMENT OPTIONS \*\*

Option	Erosion Control & Water Quality	Water Disposal	Animal Waste & Agri.-Chem. Management	Resource Management	Water Management	Offsite Effects	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
#1							
Conservation Cropping Sequence-W,W	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Terraces	X	X	X	X	X	X	
Waterways	X	X		X	X	X	
Contour Farming	X	X		X		X	

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#2						
Conservation Cropping	X		X	X	X	X
Sequence-W,S,F						
Crop Residue Use	X		X	X	X	X
Terraces	X	X	X	X	X	X
Waterways	X	X		X	X	X
Contour Farming	X	X		X		X
Wildlife Upl. Hab. Mgt.				X		
#3						
Conservation Cropping	X		X	X	X	X
Sequence-W,B,S,F						
Crop Residue Use	X		X	X	X	X
Terraces	X	X	X	X	X	X
Waterways	X	X		X	X	X
Contour Farming	X	X		X		X
Wildlife Upl. Hab. Mgt.				X		
#4						
Conservation Cropping	X		X	X	X	X
Sequence-Irrigated						
Cont. Corn						
Irrigation Water Mgt.	X			X	X	X
Crop Residue Use	X		X	X	X	X
Conservation Tillage	X		X	X	X	X
[80 percent cover]						
#5						
Conservation Cropping	X		X	X	X	X
Sequence-W,B,S and						
5 yrs. Meadow						
Crop Residue Use	X		X	X	X	X
Stripcropping	X			X		X
Wildlife Upl. Hab. Mgt.				X		
#6						
Pasture and Hayland	X			X		X
Planting						
#7						
Range Seeding	X			X		X
#8						
Tree Planting	X			X		X
Wildlife Upl. Hab. Mgt.				X		

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Major Land Resource Area: 74

Applicable Soils: Armo, 1, 7-15.

I value =86      K value =.28      Average Slope =      150' LENGTH 10%      T=5

Applicable Soils: Edalgo-Hedville, 7-15; Edalgo, sil, 5-12.

I value =48      K value =.37      Average Slope =      150' LENGTH 10%      T=3

Applicable Soils: Nuckolls, sil, 4-12; Geary-Lancaster, 5-10;  
Hobbs-Geary, sil, 0-15.

I value =48      K value =.32      Average Slope =      150' LENGTH 10%      T=5

RESOURCE MANAGEMENT TREATMENT OPTIONS \*\*

Option	Erosion * Control & Water Quality	Water Disposal	Animal Waste & Agri.-Chem. Management	Resource Management	Water Management	Offsite Effects	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
#1							
Conservation Cropping Sequence-W,W	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Terraces	X	X	X	X	X	X	
Waterways	X	X		X	X	X	
Contour Farming	X	X		X		X	
#2							
Conservation Cropping Sequence-W,S,F	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Terraces	X	X	X	X	X	X	
Waterways	X	X		X	X	X	
Contour Farming	X	X		X		X	
Wildlife Upl. Hab. Mgt.				X			
#3							
Range Seeding	X			X		X	
#4							
Pasture and Hayland Planting	X			X		X	

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#5

Tree Planting	X	X	X
Wildlife Upl. Hab. Mgt.		X	

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[Highly Erodible Land]

Major Land Resource Area: 74

Applicable Soils: Hastings, sic1, 2-6; Harney, sic1, 2-7.

I value =38      K value =.32      Average Slope =      175' LENGTH 5%      T=5

Applicable Soils: Edalpo, sic1, 4-8; Crete, sic1, 2-6;  
Tully, sic1 3-7; Crete, sic1, 3-5; Crete, sic1, 3-7.

I value =38      K value =.37      Average Slope =      175' LENGTH 5%      T=4

Applicable Soils: Lancaster, 1, 3-7; Lancaster, 1, 2-6;  
Lancaster-Armo, 3-7; Lancaster, 1, 3-8.

I value =48      K value =.28      Average Slope =      175 LENGTH 5%      T=4

Applicable Soils: Geary, sil 2-7; Geary, sic1, 3-7; Hastings, sil, 3-7; Geary, sil, 3-7;  
Longford, sil, 3-7; Longford, sic1, 3-7; Geary, sil, 3-6; Geary, sil, 3-7;  
Harney-Wells, 2-6; Harney, sil, 2-7; Geary, sic1, 3-6; Longford, sic1, 3-6;  
Longford, sic1, 2-6; Longford, sil, 3-6.

I value =48      K value =.32      Average Slope =      175' LENGTH 5%      T=5

Applicable Soils: Edalgo, 1, 3-7; Edalgo, sil, 3-7;  
Edalgo, sic1, 3-9.

I value =48      K value =.37      Average Slope =      175' LENGTH 5%      T=3

Applicable Soils: Crete, sil, 3-6; Crete, sil, 2-5; Crete-Wells, 2-7.

I value =48      K value =.37      Average Slope =      175' LENGTH 5%      T=4

Applicable Soils: Armo, sil, 2-7; Armo, 1, 3-7; Armo, sil, 3-8.

I value =86      K value =.28      Average Slope =      175' LENGTH 5%      T=5

Applicable Soils: Wakeen, sic1, 3-6.

I value =86      K value =.32      Average Slope =      175' LENGTH 5%      T=4

Applicable Soils: Wells, 1, 3-7; Wells-Edalgo, 3-7.

I value =48      K value =.28      Average Slope =      175' LENGTH 5%      T=5

## RESOURCE MANAGEMENT TREATMENT OPTIONS \*\*

Option	Erosion * Control & Water Quality	Water Disposal	Animal Waste & Agri.-Chem. Management	Resource Management	Water Management	Offsite Effects	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
<b>#1</b>							
Conservation Cropping Sequence-W,W	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Terraces	X	X	X	X	X	X	
Waterways	X	X		X	X	X	
Contour Farming	X	X		X		X	
<b>#2</b>							
Conservation Cropping Sequence-W,S,F	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Terraces	X	X	X	X	X	X	
Waterways	X	X		X	X	X	
Contour Farming	X	X		X		X	
Wildlife Upl. Hab. Mgt.				X			
<b>#3</b>							
Conservation Cropping Sequence-W,B,S,F	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Terraces	X	X	X	X	X	X	
Waterways	X	X		X	X	X	
Contour Farming	X	X		X		X	
Wildlife Upl. Hab. Mgt.				X			
<b>#4</b>							
Conservation Cropping Sequence-Irrigated Cont. Corn	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Irrigation Water Mgt.	X			X	X	X	
<b>#5</b>							
Conservation Cropping Sequence-W,B,S and 5 yrs. Meadow	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Stripcropping	X			X		X	
<b>#6</b>							
Pasture and Hayland Planting	X			X		X	

#7			
Range Seeding	X	X	X
#8			
Tree Planting	X	X	X
Wildlife Upl. Hab. Mgt.		X	

\* Conservation systems are the erosion control component of resource management systems [column 1] and, as such, become the minimum acceptable level for the Food Security Act. The average annual soil loss shall not exceed the soil loss tolerance value (T).

\*\* Different conservation practices can be substituted to form various combinations for treatment options to achieve both erosion control and complete resource management systems. USLE and WEQ factors used are MLRA averages. Site specific factors should be adjusted for local conditions.

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[Highly Erodible Land]

Major Land Resource Area: 74

Applicable Soils: Edalgo, sic1, 3-12.

I value=38      K value =.37      Average Slope =      175' LENGTH 8%      T=3

Applicable Soils: Edalgo, sic1, 3-8; Edalgo, sic1, 4-8.

I value =38      K value =.37      Average Slope =      175' LENGTH 5%      T=3

## RESOURCE MANAGEMENT TREATMENT OPTIONS \*\*

Option	Erosion * Control & Water Quality	Water Disposal	Animal Waste & Agri.-Chem. Management	Resource Management	Water Management	Offsite Effects	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
#1							
Conservation Cropping Sequence-W,W	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Terraces	X	X	X	X	X	X	
Waterways	X	X		X	X	X	
#2							
Range Seeding	X			X		X	
#3							
Pasture and Hayland Planting	X			X		X	
#4							
Tree Planting	X			X		X	
Wildlife Upl. Hab. Mgt.				X			

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Major Land Resource Area: 74

Applicable Soils: Els, 1s.

I value =134      K value =.15      Average Slope =      175'LENGTH 8%      T=5

Applicable Soils: Sarpy, 1s; Pratt, 1s, 5-12.

I value =134      K value =.17      Average Slope =      175' LENGTH 8%      T=5

## RESOURCE MANAGEMENT TREATMENT OPTIONS \*\*

Option	Erosion *	Water	Animal	Resource	Water	Offsite	
	Control & Water Quality	Disposal	Waste & Agri.-Chem. Management	Management	Management	Effects	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
#1							
Conservation Cropping Sequence-S	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
#2							
Conservation Cropping Sequence-Irrigated Corn	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Irrigation Water Mgt.	X			X	X	X	
#3							
Conservation Cropping Sequence-W,S,F	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
#4							
Range Seeding	X			X		X	
#5							
Pasture and Hayland Planting	X			X		X	

\* Conservation systems are the erosion control component of resource management systems [column 1] and, as such, become the minimum acceptable level for the Food Security Act. The average annual soil loss shall not exceed the soil loss tolerance value (T).

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FOR CROPLAND LAND USE  
[Highly Erodible Land]

Major Land Resource Area: 74

Applicable Soils: Hedville, stony loam, 5-30; Kipson soils, 5-30; Hedville-Rock, outcrop, 5-30;  
Kipson soils, 5-20.

I value =--      K value =.24      Average Slope =      --      T=2

Applicable Soils: Hedville-Lancaster, 5-20.

I value =86      K value =.24      Average Slope =      --      T=2

Applicable Soils: Kipson, sic1, 10-25.

I value =86      K value =.32      Average Slope =      --      T=2

Applicable Soils: Meadin, s1, 3-15.

I value =86      K value =.20      Average Slope =      --      T=3

Applicable Soils: Edalgo-Rock outcrop, 10-30; Edalgo-Hedville, 15-40; Edalgo-Hedville, 5-30.

I value =48      K value =.37      Average Slope =      --      T=3

Applicable Soils: Lancaster-Hedville, 5-30; Lancaster-Hedville, 3-20; Lancaster-Hedville,  
1, 6-12; Lancaster-Hedville, 1, 8-25; Lancaster-Hedville, 1, 5-30.

I value =48      K value =.28      Average Slope =      --      T=4

Applicable Soils: Breaks-Alluvial.

I value =48      K value =.32      Average Slope =      --      T=5

## RESOURCE MANAGEMENT TREATMENT OPTIONS \*\*

Option	Erosion * Control & Water Quality	Water Disposal	Animal Waste & Agri.-Chem. Management	Resource Management	Water Management	Offsite Effects	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
#1 Pasture and Hayland Planting	X			X		X	
#2 Range Seeding	X			X		X	

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- \* Conservation systems are the erosion control component of resource management systems [column 1] and, as such, become the minimum acceptable level for the Food Security Act. The average annual soil loss shall not exceed the soil loss tolerance value (T).
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FOR CROPLAND LAND USE  
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Major Land Resource Area: 75

Applicable Soils: Fluvaquents, c.

I value= --      K value = --      Average Slope = --      T= --

RESOURCE MANAGEMENT TREATMENT OPTIONS \*\*

Option	Erosion Control & Water Quality	Water Disposal	Animal Waste & Agri.-Chem. Management	Resource Management	Water Management	Offsite Effects	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
#1 Pasture and Hayland Planting	X			X		X	
#2 Tree Planting Wildlife Upl. Hab. Mgt.	X			X		X	

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## RESOURCE MANAGEMENT SYSTEM

## GUIDE SHEET

FOR CROPLAND LAND USE  
[Non-Highly Erodible Land]

Major Land Resource Area: 75

Applicable Soils: Hastings, sic1, 0-1.

I value=38      K value = .32      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Irwin, sic1, 0-1; Crete, sic1, 0-1; Ladysmith, sic1, 0-1;  
Ladysmith-Drummond; Wymore, sic1, 0-1.

I value=38      K value = .37      Average Slope =      250' LENGTH 1%      T=4

Applicable Soils: Brewer, sic1; Sutphen, sic1; Detroit, sic1; Chase, sic1.

I value=38      K value = .37      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Ladysmith-Slickspots.

I value=38      K value = .43      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Norge, sil, 0-1; Vanoss, sil, 0-1; Calco, sic1; Muir, sil;  
Hobbs, sil; Muir, sic1; Alluvial Land; Geary, sil, 0-1;  
Reading, sil; Verdigris, sil; Tobin, sil; Hastings, sil, 0-1;  
Muir, sil, 0-1.

I value=48      K value = .32      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Crete, sil; Tabler, sil; Tabler-Drummond, sil;  
Tabler, c1; Crete, sil, 0-1; Butler, sil;

I value=48      K value = .37      Average Slope =      250' LENGTH 1%      T=4

Applicable Soils: Carwile, 1; Detroit, sil.

I value=48      K value = .37      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Eudora, 1; Cass, 1; Eudora, 1, 0-2; Wet Alluvial Land.

I value=56      K value = .32      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Gibbon, 1; McCook, sil; Alluvial Land.

I value=86      K value = .32      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Haynie-Sarpy.

I value=86      K value = .37      Average Slope =      250' LENGTH 1%      T=5

Applicable Soils: Sarpy, lfs; Sand Dunes.

I value=134      K value = .15      Average Slope =      250' LENGTH 4%      T=5

Applicable Soils: Valentine, lfs; Humbarger, lfs; Sarpy, lfs.

I value=134      K value = .17      Average Slope =      250' LENGTH 4%      T=5

RESOURCE MANAGEMENT TREATMENT OPTIONS \*\*

Option	Erosion Control & Water Quality	Water Disposal	Animal Waste & Agri.-Chem. Management	Resource Management	Water Management	Offsite Effects	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]
#1							
Conservation Cropping Sequence-W,W	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
#2							
Conservation Cropping Sequence-W,W	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Conservation Tillage [30 percent cover]	X		X	X	X	X	
#3							
Conservation Cropping Sequence-S,S,W	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Wildlife Upl. Hab. Mgt.				X			
#4							
Conservation Cropping Sequence-S,S,W	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	
Conservation Tillage [30 percent cover]	X		X	X	X	X	
Wildlife Upl. Hab. Mgt.				X			
#5							
Conservation Cropping Sequence-S,S,W, and 5 yrs. Meadow	X		X	X	X	X	
Crop Residue Use	X		X	X	X	X	

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#6 Pasture and Hayland Planting	X	X	X
#7 Range Seeding	X	X	X
#8 Tree Planting	X	X	X

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