

Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Monona County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food-processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1C: Ida-----	95	Not limited		Not limited		Somewhat limited Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
1C3: Ida-----	95	Not limited		Not limited		Somewhat limited Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
1D: Ida-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	0.77
1D3: Ida-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	0.77
1E: Ida-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
1E3: Ida-----	95	Very limited		Very limited		Very limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Slope	1.00	Slope	1.00	Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
1F: Ida-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
1F3: Ida-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
1G: Ida-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
2G: Hamburg-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited	
						Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
3D: Castana-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited	
						Too steep for surface application	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
3E: Castana-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Too steep for sprinkler application	0.77
						Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
3F: Castana-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
10B: Monona-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
10C: Monona-----	95	Not limited		Not limited		Somewhat limited Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
10C2: Monona-----	95	Not limited		Not limited		Somewhat limited Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
10C3: Monona-----	95	Not limited		Not limited		Somewhat limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
						Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
10D: Monona-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	0.77
10D2: Monona-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	0.77
10D3: Monona-----	90	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	0.77
10E: Monona-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
10E2: Monona-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation			
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value		
10E3: Monona-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Too steep for sprinkler application	1.00		
						Very limited		Too steep for surface application	1.00
								Too steep for sprinkler application	1.00
10F: Monona-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited			
						Too steep for surface application	1.00		
						Too steep for sprinkler application	1.00		
10F2: Monona-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited			
						Too steep for surface application	1.00		
						Too steep for sprinkler application	1.00		
10F3: Monona-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited			
						Too steep for surface application	1.00		
						Too steep for sprinkler application	1.00		
10G: Monona-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited			
						Too steep for surface application	1.00		

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
						Too steep for sprinkler application	1.00
12B: Napier-----	95	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
12C: Napier-----	95	Not limited		Not limited		Somewhat limited Too steep for surface application Too steep for sprinkler application	0.91 0.02
12D: Napier-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application Too steep for sprinkler application	1.00 0.77
17B: Napier-----	40	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
Colo-----	30	Very limited Depth to saturated zone Leaching limitation Flooding	1.00 0.70 0.60	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
Kennebec-----	30	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
33D: Steinauer-----	90	Somewhat limited		Somewhat limited		Very limited	

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Map symbol and soil name	Pct. of map unit	Application of manure and food-processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
33E: Steinauer-----	95	Slope	0.63	Slope	0.63	Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	0.77
						Restricted permeability	0.22
		Very limited Slope	1.00	Very limited Slope	1.00	Too steep for surface application	1.00
33F: Steinauer-----	90	Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
						Restricted permeability	0.22
		Very limited Slope	1.00	Very limited Slope	1.00	Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
33G: Steinauer-----	90					Restricted permeability	0.22
		Very limited Slope	1.00	Very limited Slope	1.00	Too steep for surface application	1.00
						Too steep for sprinkler application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Restricted permeability	0.22
36: Salix-----	100						
		Somewhat limited Depth to saturated zone	0.09	Somewhat limited Flooding	0.40	Somewhat limited Depth to saturated zone	0.09

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
44: Blencoe-----	95	Very limited Restricted permeability Depth to saturated zone Runoff limitation	1.00 1.00 1.00 0.40	Very limited Restricted permeability Depth to saturated zone Flooding	1.00 1.00 1.00 0.40	Very limited Restricted permeability Depth to saturated zone	1.00 1.00 1.00
46: Keg-----	100	Not limited		Somewhat limited Flooding	0.40	Not limited	
54: Zook-----	100	Very limited Restricted permeability Depth to saturated zone Flooding Leaching limitation	1.00 1.00 1.00 0.60 0.50	Very limited Depth to saturated zone Flooding Restricted permeability	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Restricted permeability Flooding	1.00 1.00 1.00 0.60
54+: Zook-----	100	Very limited Restricted permeability Depth to saturated zone Flooding Leaching limitation	1.00 1.00 1.00 0.60 0.50	Very limited Restricted permeability Flooding Depth to saturated zone	1.00 1.00 1.00 1.00	Very limited Restricted permeability Depth to saturated zone Flooding	1.00 1.00 1.00 0.60
66: Luton-----	95	Very limited Restricted permeability Depth to saturated zone Runoff limitation	1.00 1.00 1.00 0.40	Very limited Restricted permeability Depth to saturated zone Flooding	1.00 1.00 1.00 0.40	Very limited Restricted permeability Depth to saturated zone	1.00 1.00 1.00
66+: Luton-----	100	Very limited		Very limited		Very limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
67: Woodbury-----	95	Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Runoff limitation	0.40				
68: Napa-----	95	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Runoff limitation	0.40	Flooding	0.40		
70: Mcpaul-----	95	Somewhat limited Depth to saturated zone	0.09	Somewhat limited Flooding	0.40	Somewhat limited Depth to saturated zone	0.09
				Depth to saturated zone	0.09		
123: Grantcenter-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
				Flooding	0.40		
133: Colo-----	100	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Leaching limitation	0.70	Depth to saturated zone	1.00	Flooding	0.60
		Flooding	0.60				
133+: Colo-----	100	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
137: Haynie-----	95	Leaching limitation	0.70	Depth to saturated zone	1.00	Flooding	0.60
		Flooding	0.60				
144: Blake-----	100	Not limited		Somewhat limited Flooding	0.40	Not limited	
		Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Flooding	1.00 0.40	Very limited Depth to saturated zone	1.00
145: Onawa-----	95	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone Runoff limitation	1.00 0.40	Restricted permeability Flooding	1.00 0.40	Restricted permeability	1.00
146: Onawa-----	90	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone Runoff limitation	1.00 0.40	Restricted permeability Flooding	1.00 0.40	Restricted permeability	1.00
147: Modale-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone Flooding	1.00 0.40	Depth to saturated zone	1.00
149: Modale-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone Flooding	1.00 0.40	Depth to saturated zone	1.00
155: Albaton-----	100	Very limited		Very limited		Very limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
156: Albaton-----	100	Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Runoff limitation	0.40	Flooding	0.40		
		Very limited		Very limited		Very limited	
157: Albaton-----	100	Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Runoff limitation	0.40	Flooding	0.40		
		Very limited		Very limited		Very limited	
212: Kennebec-----	90	Somewhat limited		Very limited		Somewhat limited	
		Flooding	0.60	Flooding	1.00	Flooding	0.60
		Depth to saturated zone	0.09	Depth to saturated zone	0.09	Depth to saturated zone	0.09
212+: Kennebec-----	95	Somewhat limited		Very limited		Somewhat limited	
		Flooding	0.60	Flooding	1.00	Flooding	0.60
		Depth to saturated zone	0.09	Depth to saturated zone	0.09	Depth to saturated zone	0.09
220: Nodaway-----	95	Somewhat limited		Very limited		Somewhat limited	
		Flooding	0.60	Flooding	1.00	Flooding	0.60
		Depth to saturated zone	0.09	Depth to saturated zone	0.09	Depth to saturated zone	0.09
234: Nishna-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Flooding	1.00	Depth to saturated zone	1.00
		Flooding	0.60	Depth to saturated zone	1.00	Flooding	0.60

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
			Leaching limitation	0.50			
237: Sarpy-----	95	Very limited	Filtering capacity	1.00	Very limited	Filtering capacity	1.00
			Droughty	0.65	Droughty	Droughty	0.65
			Leaching limitation	0.45			
237B: Sarpy-----	100	Very limited	Filtering capacity	1.00	Very limited	Filtering capacity	1.00
			Droughty	0.65	Droughty	Droughty	0.65
			Leaching limitation	0.45		Too steep for surface application	0.08
244: Blend-----	100	Very limited	Restricted permeability	1.00	Very limited	Restricted permeability	1.00
			Depth to saturated zone	1.00	Depth to saturated zone	Depth to saturated zone	1.00
			Runoff limitation	0.40	Flooding		
255: Cooper-----	100	Very limited	Restricted permeability	1.00	Very limited	Restricted permeability	1.00
			Depth to saturated zone	1.00	Depth to saturated zone	Depth to saturated zone	1.00
					Flooding		0.40
257: Uturin-----	100	Very limited	Restricted permeability	1.00	Very limited	Depth to saturated zone	1.00
			Depth to saturated zone	1.00	Flooding	Restricted permeability	1.00
			Flooding	0.60	Restricted permeability	Flooding	0.60
			Leaching limitation	0.50			

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
266: Smithland-----	100	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Leaching limitation	0.70	Depth to saturated zone	1.00	Flooding	0.60
		Flooding	0.60				
275: Moville-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Flooding	0.40		
366: Luton-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Runoff limitation	0.40	Flooding	0.40		
430: Ackmore-----	90	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00
		Flooding	0.60	Depth to saturated zone	1.00	Flooding	0.60
436: Lakeport-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
				Flooding	0.40		
446: Burcham-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	0.09	Depth to saturated zone	0.09	Depth to saturated zone	0.09
465: Tieville-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Runoff limitation	0.40	Flooding	0.40		
510: Monona-----	100	Not limited		Not limited		Not limited	
510B: Monona-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
510C: Monona-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application Too steep for sprinkler application	0.91 0.02
510C2: Monona-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application Too steep for sprinkler application	0.91 0.02
510C3: Monona-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application Too steep for sprinkler application	0.91 0.02
514: Grable-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity Flooding	1.00 0.40	Very limited Filtering capacity	1.00
515: Percival-----	100	Very limited		Very limited		Very limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
516: Vore-----	100	Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Droughty	0.90	Droughty	0.90	Droughty	0.90
				Flooding	0.40		
552: Owego-----	100	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
		Depth to saturated zone	0.09	Flooding	0.40	Depth to saturated zone	0.09
				Depth to saturated zone	0.09		
553: Forney-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Runoff limitation	0.40	Flooding	0.40		
670: Rawles-----	100	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
		Depth to saturated zone	0.09	Depth to saturated zone	0.09	Depth to saturated zone	0.09
717D: Gullied Land-----	50	Not rated		Not rated		Not rated	
Napier-----	50	Somewhat limited		Somewhat limited		Very limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Slope	0.16	Slope	0.16	Too steep for surface application	1.00
						Too steep for sprinkler application	0.39
746: Lossing-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	0.43	Depth to saturated zone	0.43	Depth to saturated zone	0.43
		Runoff limitation	0.40				
747: Rodney-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Runoff limitation	0.40				
748: Hornick-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Flooding	0.40		
754: Larpenteur-----	100	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Flooding	0.40		
945: Albaton-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Runoff limitation	0.40				
946: Albaton-----	100	Very limited		Very limited		Very limited	

Agricultural Waste Management

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Monona County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Runoff limitation	0.40				
1137: Haynie-----	100	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
1144: Blake-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Flooding	1.00 0.40	Very limited Depth to saturated zone	1.00
1145: Onawa-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Runoff limitation	0.40	Flooding	0.40		
1146: Onawa-----	90	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Runoff limitation	0.40	Flooding	0.40		
1147: Modale-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	0.95	Flooding	1.00	Depth to saturated zone	0.95
		Flooding	0.60	Depth to saturated zone	0.95	Flooding	0.60
1150: Modale-----	95	Very limited Restricted permeability	1.00	Very limited Flooding	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Restricted permeability	1.00	Depth to saturated zone	1.00

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Monona County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1155: Albaton-----	100	Flooding	0.60	Depth to saturated zone	1.00	Flooding	0.60
		Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Flooding	0.60	Flooding	1.00	Flooding	0.60
		Runoff limitation	0.40				
1156: Albaton-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Flooding	0.60	Flooding	1.00	Flooding	0.60
		Runoff limitation	0.40				
1157: Albaton-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Flooding	0.60	Flooding	1.00	Flooding	0.60
		Runoff limitation	0.40				
1220: Nodaway-----	95	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
		Depth to saturated zone	0.09	Depth to saturated zone	0.09	Depth to saturated zone	0.09
1237: Sarpy-----	95	Very limited Filtering capacity	1.00	Very limited Flooding	1.00	Very limited Filtering capacity	1.00
		Droughty	0.65	Filtering capacity	1.00	Droughty	0.65
		Flooding	0.60	Droughty	0.65	Flooding	0.60
		Leaching limitation	0.45				
1237B: Sarpy-----	100	Very limited		Very limited		Very limited	

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Monona County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Filtering capacity	1.00	Flooding	1.00	Filtering capacity	1.00
		Droughty	0.65	Filtering capacity	1.00	Droughty	0.65
		Flooding	0.60	Droughty	0.65	Flooding	0.60
		Leaching limitation	0.45			Too steep for surface application	0.08
1514: Grable-----	95	Very limited Filtering capacity Flooding	1.00 0.60	Very limited Flooding Filtering capacity	1.00 1.00	Very limited Filtering capacity Flooding	1.00 0.60
1515: Percival-----	100	Very limited Restricted permeability Depth to saturated zone Filtering capacity Droughty Flooding	1.00 1.00 1.00 0.90 0.60	Very limited Flooding Restricted permeability Depth to saturated zone Filtering capacity Droughty	1.00 1.00 1.00 1.00 1.00 0.90	Very limited Restricted permeability Depth to saturated zone Filtering capacity Droughty Flooding	1.00 1.00 1.00 0.90 0.60
1516: Vore-----	100	Very limited Filtering capacity Depth to saturated zone	1.00 0.09	Very limited Filtering capacity Flooding Depth to saturated zone	1.00 0.40 0.09	Very limited Filtering capacity Depth to saturated zone	1.00 0.09
1524: Morconick-----	90	Very limited Filtering capacity Flooding	1.00 0.60	Very limited Flooding Filtering capacity	1.00 1.00	Very limited Filtering capacity Flooding	1.00 0.60
1525: Scroll-----	100	Very limited Restricted permeability	1.00	Very limited Flooding	1.00	Very limited Restricted permeability	1.00

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Monona County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food-processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1526: Scroll-----	100	Depth to saturated zone	1.00	Restricted permeability	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00	Filtering capacity	1.00
		Droughty	1.00	Filtering capacity	1.00	Droughty	1.00
		Flooding	0.60	Droughty	1.00	Flooding	0.60
		Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Flooding	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00	Filtering capacity	1.00
		Droughty	0.79	Filtering capacity	1.00	Droughty	0.79
1552: Owego-----	100	Flooding	0.60	Droughty	0.79	Flooding	0.60
		Restricted permeability	0.30	Restricted permeability	0.22	Restricted permeability	0.22
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Flooding	1.00	Depth to saturated zone	1.00
1746: Lossing-----	100	Flooding	0.60	Depth to saturated zone	1.00	Flooding	0.60
		Runoff limitation	0.40				
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Flooding	0.60	Flooding	1.00	Flooding	0.60
1747: Rodney-----	100	Depth to saturated zone	0.43	Depth to saturated zone	0.43	Depth to saturated zone	0.43
		Runoff limitation	0.40				
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	1.00	Flooding	1.00	Depth to saturated zone	1.00
		Flooding	0.60	Depth to saturated zone	1.00	Flooding	0.60

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Monona County, Iowa

Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
		Runoff limitation	0.40				
1750: Ticonic-----	100	Very limited Filtering capacity Flooding	1.00 0.60	Very limited Flooding Filtering capacity	1.00 1.00	Very limited Filtering capacity Flooding	1.00 0.60
		Leaching limitation	0.45				
1849: Kenmoor-----	100	Very limited Restricted permeability Filtering capacity Flooding	1.00 1.00 0.60	Very limited Flooding Restricted permeability Filtering capacity	1.00 1.00 1.00	Very limited Restricted permeability Filtering capacity Flooding	1.00 1.00 0.60
		Depth to saturated zone	0.09	Depth to saturated zone	0.09	Depth to saturated zone	0.09
5010: Pits, Sand And Gravel-----	100	Not rated		Not rated		Not rated	
5040: Orthents, Loamy-----	100	Not rated		Not rated		Not rated	
5044: Fluvaquents-----	100	Not rated		Not rated		Not rated	
5045: Aquents-----	100	Not rated		Not rated		Not rated	
5046: Aquents-----	100	Not rated		Not rated		Not rated	

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Map symbol and soil name	Pct. of map unit	Application of manure and food- processing waste		Application of sewage sludge		Disposal of wastewater by irrigation	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
5047: Aquents-----	100	Not rated		Not rated		Not rated	
5051: Fluvaquents, Poned-	100	Not rated		Not rated		Not rated	
5090: Aquents-----	60	Not rated		Not rated		Not rated	
Orthents-----	40	Not rated		Not rated		Not rated	
AW: Animal Waste-----	100	Not rated		Not rated		Not rated	
SL: Sewage Lagoon-----	100	Very limited Slope Low adsorption	1.00 1.00	Very limited Slope Low adsorption	1.00 1.00	Very limited Low adsorption Too steep for surface application Too steep for sprinkler application	1.00 1.00 1.00
W: Water-----	100	Not rated		Not rated		Not rated	