

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.)

Monroe 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
11B: Colo-----	55	Very limited Depth to saturated zone Leaching limitation Flooding	1.00 0.70 0.60	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
Ely-----	30	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone Too steep for surface application	0.43 0.08
13B: Olmitz-----	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 Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
Vesser-----	20	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
23C: Arispe-----	95	Very limited Restricted permeability Depth to saturated zone	1.00 0.43	Very limited Restricted permeability Depth to saturated zone	1.00 0.43	Very limited Restricted permeability Too steep for surface application Depth to saturated zone Too steep for sprinkler application	1.00 0.91 0.43 0.02

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
23C2: Arispe-----	95	Very limited	1.00	Very limited	1.00	Very limited	1.00
		Restricted permeability		Restricted permeability		Restricted permeability	
		Depth to saturated zone	0.43	Depth to saturated zone	0.43	Too steep for surface application	0.91
24D2: Shelby-----	90	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Depth to saturated zone	0.43
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	0.02
		Too acid	0.02	Too acid	0.07	Very limited	
						Too steep for surface application	1.00
24E2: Shelby-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
		Too acid	0.02	Too acid	0.07	Restricted permeability	0.22
41D: Sparta-----	100	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Too acid	0.07
		Leaching limitation	0.45	Droughty	0.29	Very limited	
		Droughty	0.29	Slope	0.16	Too steep for surface application	1.00
		Slope	0.16	Too acid	0.07	Filtering capacity	1.00
						Too steep for sprinkler application	0.39
						Droughty	0.29

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
51: Vesser-----	95	Too acid	0.02			Too acid	0.07
		Very limited		Very limited		Very limited	
		Depth to saturated zone Flooding	1.00 0.60	Depth to saturated zone Flooding	1.00 1.00	Depth to saturated zone Flooding	1.00 0.60
54: Zook-----	95	Very limited		Very limited		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	1.00	Restricted permeability	1.00
		Flooding	0.60	Restricted permeability	1.00	Flooding	0.60
		Leaching limitation	0.50				
54+: Zook-----	95	Very limited		Very limited		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	1.00	Restricted permeability	1.00
		Flooding	0.60	Restricted permeability	1.00	Flooding	0.60
		Leaching limitation	0.50				
58D2: Douds-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
		Too acid	0.02	Too acid	0.07	Too steep for sprinkler application	0.77
						Too acid	0.07
58E2: Douds-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Too steep for surface application	1.00
		Too acid	0.02	Too acid	0.07	Too steep for sprinkler 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					
65D: Lindley-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Too acid	0.07					
						Restricted permeability	0.30	Too acid	0.31	Very limited	1.00	
										Too steep for surface application		0.77
Too acid	0.08	Restricted permeability	0.22	Too acid	0.22							
65E: Lindley-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited	1.00					
						Too acid		0.37	Too acid	0.96		
											Too steep for surface application	1.00
Restricted permeability	0.30	Restricted permeability	0.22	Too acid	0.22							
65E2: Lindley-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited	1.00					
						Too steep for surface application		1.00				
									Too steep for sprinkler application	0.31		
											Too acid	0.31
Restricted permeability	0.30	Restricted permeability	0.22	Restricted permeability	0.22							
65G: Lindley-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited	1.00					
						Too steep for surface application		1.00				
									Too steep for sprinkler application	0.31		
Too acid	0.08	Restricted permeability	0.22	Too acid	0.22							

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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
76B: Ladoga-----	95	Restricted permeability	0.30	Too acid	0.31	Too steep for sprinkler application	1.00
		Too acid	0.08	Restricted permeability	0.22	Too acid	0.31
		Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Restricted permeability	0.22
76C: Ladoga-----	100	Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Somewhat limited Restricted permeability Too steep for surface application	0.08
		Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Too steep for surface application	0.91
76C2: Ladoga-----	100	Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Restricted permeability Too steep for sprinkler application	0.02
		Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Too steep for surface application	0.91
76D: Ladoga-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	0.77

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
76D2: Ladoga-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Restricted permeability	0.22
						Very limited Too steep for surface application	1.00
						Too steep for sprinkler application	0.77
80D: Clinton-----	95	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Restricted permeability	0.22
						Restricted permeability	0.77
						Too acid	0.22
80D2: Clinton-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Restricted permeability	0.22
						Too acid	0.07
						Very limited Too steep for surface application	1.00
130: Belinda-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Too steep for sprinkler application	0.77
						Depth to saturated zone	1.00
						Runoff limitation	0.40
131B: Pershing-----	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
131C: Pershing-----	90	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
		Too acid	0.08	Too acid	0.31	Too acid Too steep for surface application	0.31 0.08
132B: Weller-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	0.43	Depth to saturated zone	0.43	Too steep for surface application	0.91
		Too acid	0.08	Too acid	0.31	Depth to saturated zone Too acid Too steep for sprinkler application	0.43 0.31 0.02
132C: Weller-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	0.43	Depth to saturated zone	0.43	Too steep for surface application	0.91
		Too acid	0.08	Too acid	0.31	Depth to saturated zone Too acid Too steep for sprinkler application	0.43 0.31 0.02

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
133: Colo-----	100	Very limited Depth to saturated zone Leaching limitation Flooding	1.00 0.70 0.60	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
133+: Colo-----	100	Very limited Depth to saturated zone Leaching limitation Flooding	1.00 0.70 0.60	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
133B: Colo-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Too steep for surface application	1.00 0.08
179D2: Gara-----	90	Somewhat limited Slope  Restricted permeability	0.63  0.30	Somewhat limited Slope  Restricted permeability	0.63  0.22	Very limited Too steep for surface application Too steep for sprinkler application Restricted permeability	1.00  0.77 0.22
179E2: Gara-----	100	Very limited Slope  Restricted permeability	1.00  0.30	Very limited Slope  Restricted permeability	1.00  0.22	Very limited Too steep for surface application Too steep for sprinkler application Restricted permeability	1.00  1.00 0.22
179F: Gara-----	90	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
179F2: Gara-----	90	Slope	1.00	Slope	1.00	Too steep for surface application	1.00
		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	Very limited Too steep for surface application	1.00
192D2: Adair-----	90	Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	1.00
						Restricted permeability	0.22
		Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Too steep for surface application	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Restricted permeability	1.00
211: Edina-----	95	Slope	0.63	Slope	0.63	Depth to saturated zone	1.00
						Too steep for sprinkler application	0.77
		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
220: Nodaway-----	95	Runoff limitation	0.40	Too acid	0.07	Too acid	0.07
		Too acid	0.02				
		Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
222C: Clarinda-----	90	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
222C2: Clarinda-----	90	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	Too acid	0.07	Too steep for surface application	0.91
		Too acid	0.02			Too acid	0.07
						Too steep for sprinkler application	0.02
222D2: Clarinda-----	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	Too acid	0.07	Too steep for surface application	0.91
		Too acid	0.02			Too acid	0.07
						Too steep for sprinkler application	0.02
222D2: Clarinda-----	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
		Slope	0.63	Slope	0.63	Too steep for surface application	1.00
		Runoff limitation	0.40	Too acid	0.07	Depth to saturated zone	1.00
		Too acid	0.02			Too steep for sprinkler application	0.77
						Too acid	0.07
223C2: Rinda-----	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

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
223D2: Rinda-----	95	Runoff limitation	0.40			Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
		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	Too steep for surface application	1.00
		Slope	0.63	Slope	0.63	Depth to saturated zone	1.00
		Runoff limitation	0.40			Too steep for sprinkler application	0.77
260: Beckwith-----	95	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	Too acid	0.31	Too acid	0.31
		Too acid	0.08				
263: Okaw-----	95	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	Too acid	0.31	Too acid	0.31
		Too acid	0.08				
273C: Olmitz-----	100	Not limited		Not limited		Somewhat limited	
						Too steep for surface application	0.91
						Too steep for sprinkler application	0.02

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
279: Taintor-----	90	Very limited Depth to saturated zone Leaching limitation Restricted permeability	1.00 0.50 0.30	Very limited Depth to saturated zone Restricted permeability	1.00 0.22	Very limited Depth to saturated zone Restricted permeability	1.00 0.22
280: Mahaska-----	90	Somewhat limited Depth to saturated zone Too acid	0.43 0.02	Somewhat limited Depth to saturated zone Too acid	0.43 0.07	Somewhat limited Depth to saturated zone Too acid	0.43 0.07
281B: Otley-----	95	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application Too acid	0.08 0.07
281C: Otley-----	95	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application Too acid Too steep for sprinkler application	0.91 0.07 0.02
281C2: Otley-----	100	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too steep for surface application Too acid Too steep for sprinkler application	0.91 0.07 0.02
313D: Gosport-----	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
313D2: Gosport-----	95	Depth to saturated zone	0.95	Depth to saturated zone	0.95	Too steep for surface application	1.00
		Droughty	0.70	Droughty	0.70	Depth to saturated zone	0.95
		Slope	0.63	Slope	0.63	Too steep for sprinkler application	0.77
		Depth to bedrock	0.46	Depth to bedrock	0.46	Droughty	0.70
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	0.95	Depth to saturated zone	0.95	Too steep for surface application	1.00
		Droughty	0.70	Droughty	0.70	Depth to saturated zone	0.95
313E: Gosport-----	85	Slope	0.63	Slope	0.63	Too steep for sprinkler application	0.77
		Depth to bedrock	0.46	Depth to bedrock	0.46	Droughty	0.70
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Slope	1.00	Slope	1.00	Too steep for surface application	1.00
		Depth to saturated zone	0.95	Depth to saturated zone	0.95	Too steep for sprinkler application	1.00
		Droughty	0.70	Droughty	0.70	Depth to saturated zone	0.95
		Depth to bedrock	0.46	Depth to bedrock	0.46	Droughty	0.70
313E2: Gosport-----	85	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Slope	1.00	Slope	1.00	Too steep for surface application	1.00
		Depth to saturated zone	0.95	Depth to saturated zone	0.95	Too steep for sprinkler 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
313F: Gosport-----	85	Droughty	0.70	Droughty	0.70	Depth to saturated zone	0.95
		Depth to bedrock	0.46	Depth to bedrock	0.46	Droughty	0.70
		Very limited Slope	1.00	Very limited Restricted permeability Slope	1.00	Very limited Restricted permeability	1.00
		Restricted permeability	1.00			Too steep for surface application	1.00
		Depth to saturated zone	0.95	Depth to saturated zone	0.95	Too steep for sprinkler application	1.00
		Droughty	0.70	Droughty	0.70	Depth to saturated zone	0.95
		Depth to bedrock	0.46	Depth to bedrock	0.46	Droughty	0.70
362: Haig-----	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	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Leaching limitation	0.50				
364B: Grundy-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	0.95	Depth to saturated zone	0.95	Depth to saturated zone	0.95
						Too steep for surface application	0.08
419D2: Vanmeter-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Droughty	0.96	Droughty	0.96	Too steep for surface application	1.00
		Depth to saturated zone	0.95	Depth to saturated zone	0.95	Droughty	0.96
		Slope	0.63	Slope	0.63	Depth to saturated zone	0.95

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
419E2: Vanmeter-----	100	Depth to bedrock	0.46	Depth to bedrock	0.46	Too steep for sprinkler application	0.77
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Slope	1.00	Slope	1.00	Too steep for surface application	1.00
		Droughty	0.96	Droughty	0.96	Too steep for sprinkler application	1.00
423D2: Bucknell-----	95	Depth to saturated zone	0.95	Depth to saturated zone	0.95	Droughty	0.96
		Depth to bedrock	0.46	Depth to bedrock	0.46	Depth to saturated zone	0.95
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Restricted permeability	1.00
424E2: Lindley-----	60	Slope	0.63	Slope	0.63	Depth to saturated zone	1.00
		Runoff limitation	0.40	Too acid	0.07	Too steep for sprinkler application	0.77
		Too acid	0.02			Too steep for sprinkler application	0.77
		Very limited		Very limited		Too acid	0.07
		Slope	1.00	Slope	1.00	Very limited	
Keswick-----	30	Restricted permeability	0.30	Too acid	0.31	Too steep for surface application	1.00
		Too acid	0.08	Restricted permeability	0.22	Too steep for sprinkler application	1.00
		Very limited		Very limited		Too acid	0.31
						Restricted permeability	0.22

Agricultural Waste Management

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Monroe 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
425C: Keswick-----	95	Restricted permeability	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Restricted permeability	1.00
		Slope	0.63	Slope	0.63	Depth to saturated zone	1.00
		Too acid	0.08	Too acid	0.31	Too steep for sprinkler application	0.77
						Too acid	0.31
		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
		Too acid	0.08	Too acid	0.31	Too steep for surface application	0.91
						Too acid	0.31
				Too steep for sprinkler application	0.02		
425D: Keswick-----	95	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Restricted permeability	1.00
		Slope	0.63	Slope	0.63	Depth to saturated zone	1.00
		Too acid	0.08	Too acid	0.31	Too steep for sprinkler application	0.77
						Too acid	0.31
425D2: Keswick-----	100	Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Too steep for surface application	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Restricted permeability	1.00

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Monroe 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
428B: Ely-----	95	Slope	0.63	Slope	0.63	Depth to saturated zone	1.00
		Too acid	0.08	Too acid	0.31	Too steep for sprinkler application	0.77
						Too acid	0.31
452C: Lineville-----	100	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43
						Too steep for surface application	0.08
452C: Lineville-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to dense layer	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too acid	0.07	Too steep for surface application	0.91
		Too acid	0.02			Too acid	0.07
						Too steep for sprinkler application	0.02
478G: Gosport-----	60	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Slope	1.00	Slope	1.00	Too steep for surface application	1.00
		Depth to saturated zone	0.95	Depth to saturated zone	0.95	Too steep for sprinkler application	1.00
		Droughty	0.50	Droughty	0.50	Depth to saturated zone	0.95
		Depth to bedrock	0.46	Depth to bedrock	0.46	Droughty	0.50
Rock Outcrop-----	30	Not rated		Not rated		Not rated	

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Monroe 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
484: Lawson-----	95	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60
594C2: Galland-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability Too steep for surface application Too steep for sprinkler application	1.00 0.91 0.02
594D2: Galland-----	95	Very limited Restricted permeability Slope	1.00 0.63	Very limited Restricted permeability Slope	1.00 0.63	Very limited Too steep for surface application Restricted permeability Too steep for sprinkler application	1.00 1.00 0.77
688: Koszta-----	95	Somewhat limited Depth to saturated zone Too acid	0.86 0.02	Somewhat limited Depth to saturated zone Too acid	0.86 0.07	Somewhat limited Depth to saturated zone Too acid	0.86 0.07
731C2: Pershing-----	90	Very limited Restricted permeability Depth to saturated zone Too acid	1.00 0.43 0.08	Very limited Restricted permeability Depth to saturated zone Too acid	1.00 0.43 0.31	Very limited Restricted permeability Too steep for surface application Depth to saturated zone Too acid	1.00 0.91 0.43 0.31

Agricultural Waste Management

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Monroe 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
731D2: Pershing-----	90	Very limited Restricted permeability Slope Depth to saturated zone Too acid	1.00 0.63 0.43 0.08	Very limited Restricted permeability Slope Depth to saturated zone Too acid	1.00 0.63 0.43 0.31	Too steep for sprinkler application	0.02
						Very limited Too steep for surface application	1.00
						Restricted permeability	1.00
						Too steep for sprinkler application	0.77
						Depth to saturated zone	0.43
732C2: Weller-----	90	Very limited Restricted permeability Depth to saturated zone Too acid	1.00 0.43 0.08	Very limited Restricted permeability Depth to saturated zone Too acid	1.00 0.43 0.31	Too steep for sprinkler application	0.43
						Very limited Too steep for surface application	1.00
						Restricted permeability	0.91
						Depth to saturated zone	0.43
						Too acid	0.31
732D2: Weller-----	90	Very limited Restricted permeability Slope Depth to saturated zone Too acid	1.00 0.63 0.43 0.08	Very limited Restricted permeability Slope Depth to saturated zone Too acid	1.00 0.63 0.43 0.31	Too steep for sprinkler application	0.02
						Very limited Too steep for surface application	1.00
						Restricted permeability	1.00
						Too steep for sprinkler application	0.77
						Depth to saturated zone	0.43
792C2: Armstrong-----	95	Very limited		Very limited		Very limited	

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Monroe 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
792D2: Armstrong-----	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
						Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
		Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Too steep for surface application	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Restricted permeability	1.00
		Slope	0.63	Slope	0.63	Depth to saturated zone	1.00
						Too steep for sprinkler application	0.77
795D: Ashgrove-----	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	Too steep for surface application	1.00
		Slope	0.63	Slope	0.63	Depth to saturated zone	1.00
		Runoff limitation	0.40	Too acid	0.31	Too steep for sprinkler application	0.77
		Too acid	0.08			Too acid	0.31
822D2: Lamoni-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Too steep for surface application	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Restricted permeability	1.00
		Slope	0.63	Slope	0.63	Depth to saturated zone	1.00

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Monroe 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
832C2: Weller-----	90	Too acid	0.02	Too acid	0.07	Too steep for sprinkler application Too acid	0.77 0.07
		Very limited Restricted permeability Depth to saturated zone	1.00 0.43	Very limited Restricted permeability Depth to saturated zone	1.00 0.43	Very limited Restricted permeability Too steep for surface application	1.00 0.91
		Too acid	0.08	Too acid	0.31	Depth to saturated zone Too acid Too steep for sprinkler application	0.43 0.31 0.02
876B: Ladoga-----	100	Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Somewhat limited Restricted permeability Too steep for surface application	0.22 0.08
876C2: Ladoga-----	95	Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Somewhat limited Too steep for surface application Restricted permeability Too steep for sprinkler application	0.91 0.22 0.02
993D2: Gara-----	60	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited Too steep for surface application	1.00
		Restricted permeability	0.30	Restricted permeability	0.22	Too steep for sprinkler application	0.77

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Monroe 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				
Armstrong-----	30	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Restricted permeability	0.22				
						Depth to saturated zone Slope	1.00 0.63	Very limited Restricted permeability	1.00 0.63	Very limited	1.00
										Too steep for surface application	1.00
										Restricted permeability	1.00
Too steep for sprinkler application	0.77										
993E2: Gara-----	60	Very limited Slope	1.00	Very limited Slope	1.00	Very limited	1.00				
						Restricted permeability	0.30	Restricted permeability	0.22	Too steep for surface application	1.00
										Too steep for sprinkler application	0.22
Restricted permeability	0.22										
Armstrong-----	30	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited	1.00				
						Depth to saturated zone Slope	1.00 0.63	Very limited Restricted permeability	1.00 0.63	Too steep for surface application	1.00
										Restricted permeability	1.00
										Depth to saturated zone	1.00
Too steep for sprinkler application	0.77										
1130: Belinda-----	100	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited	1.00				
						Depth to saturated zone Runoff limitation	1.00 0.40	Very limited Restricted permeability	1.00	Restricted permeability	1.00
										Depth to saturated zone	1.00
										Depth to saturated zone	1.00
1131C: Pershing-----	100	Very limited		Very 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
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to saturated zone	0.43	Depth to saturated zone	0.43	Too steep for surface application	0.91
		Too acid	0.08	Too acid	0.31	Depth to saturated zone	0.43
1279: Taintor-----	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
		Leaching limitation	0.50	Restricted permeability	0.22	Restricted permeability	0.22
		Restricted permeability	0.30				
5020: Dumps-----	50	Not rated		Not rated		Not rated	
Pits-----	50	Not rated		Not rated		Not rated	
5021: Orthents-----	100	Not rated		Not rated		Not rated	
5030: Pits-----	100	Not rated		Not rated		Not rated	

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Monroe 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
5040: Orthents-----	100	Not rated		Not rated		Not rated	
W: Water-----	100	Not rated		Not rated		Not rated	