

Agricultural Waste Management

Floyd 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
27: Terril-----	95	Not limited		Not limited		Not limited	
27B: Terril-----	95	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
41B: Sparta-----	100	Very limited Filtering capacity Leaching limitation Droughty	1.00 0.45 0.25	Very limited Filtering capacity Droughty	1.00 0.25	Very limited Filtering capacity Droughty Too steep for surface application	1.00 0.25 0.08
63C: Chelsea-----	95	Very limited Filtering capacity Droughty Leaching limitation	1.00 0.53 0.45	Very limited Filtering capacity Droughty	1.00 0.53	Very limited Filtering capacity Too steep for surface application Droughty Too steep for sprinkler application	1.00 0.66 0.53 0.01
83: Kenyon-----	100	Not limited		Not limited		Not limited	
83B: Kenyon-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
83C: Kenyon-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.91

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
83C2: Kenyon-----	100	Not limited		Not limited		Too steep for sprinkler application	0.02
						Somewhat limited	
						Too steep for surface application	0.91
84: Clyde-----	85	Very limited Depth to saturated zone Leaching limitation	1.00 0.70	Very limited Depth to saturated zone	1.00	Too steep for sprinkler application	0.02
						Very limited Depth to saturated zone	1.00
96: Turlin-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity Flooding	1.00 0.40	Very limited Filtering capacity	1.00
110B: Lamont-----	95	Very limited Filtering capacity Too acid	1.00 0.02	Very limited Filtering capacity Too acid	1.00 0.07	Very limited Filtering capacity Too steep for surface application Too acid	1.00 0.08 0.07
110C: Lamont-----	100	Very limited Filtering capacity Too acid	1.00 0.02	Very limited Filtering capacity Too acid	1.00 0.07	Very limited Filtering capacity Too steep for surface application Too acid Too steep for sprinkler application	1.00 0.91 0.07 0.02

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135: Coland-----	95	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
151: Marshan-----	95	Very limited Depth to saturated zone Filtering capacity Leaching limitation	1.00 1.00 0.70	Very limited Depth to saturated zone Filtering capacity	1.00 1.00	Very limited Depth to saturated zone Filtering capacity	1.00 1.00
152: Marshan-----	95	Very limited Depth to saturated zone Filtering capacity Leaching limitation	1.00 1.00 0.70	Very limited Depth to saturated zone Filtering capacity	1.00 1.00	Very limited Depth to saturated zone Filtering capacity	1.00 1.00
171: Bassett-----	95	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too acid	0.07
171B: Bassett-----	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
171C: Bassett-----	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

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
171C2: Basset-----	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
171D2: Basset-----	100	Somewhat limited Slope Too acid	0.63 0.02	Somewhat limited Slope Too acid	0.63 0.07	Very limited Too steep for surface application Too steep for sprinkler application Too acid	1.00 0.77 0.07
174: Bol-----	100	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
174B: Bol-----	100	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.08
174B2: Bol-----	100	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.08
174C2: Bol-----	100	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.91

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
175B: Dickinson-----	95	Very limited Filtering capacity Droughty	1.00 0.03	Very limited Filtering capacity Droughty	1.00 0.03	Too steep for sprinkler application	0.02
						Very limited Filtering capacity	1.00
						Too steep for surface application Droughty	0.08 0.03
175C: Dickinson-----	100	Very limited Filtering capacity Droughty	1.00 0.03	Very limited Filtering capacity Droughty	1.00 0.03	Very limited Filtering capacity	1.00
						Too steep for surface application	0.91
						Droughty Too steep for sprinkler application	0.03 0.02
177: Saude-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
177B: Saude-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.08
177C: Saude-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.91

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
178: Waukee-----	100	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Too steep for sprinkler application Very limited Filtering capacity	0.02 1.00
178B: Waukee-----	100	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.08
184: Klinger-----	95	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
194: Norville-----	100	Very limited Restricted permeability Filtering capacity	1.00 1.00	Very limited Restricted permeability Filtering capacity	1.00 1.00	Very limited Restricted permeability Filtering capacity	1.00 1.00
194B: Norville-----	90	Very limited Restricted permeability Filtering capacity	1.00 1.00	Very limited Restricted permeability Filtering capacity	1.00 1.00	Very limited Restricted permeability Filtering capacity Too steep for surface application	1.00 1.00 0.08
194C3: Norville-----	100	Very limited Restricted permeability Filtering capacity	1.00 1.00	Very limited Restricted permeability Filtering capacity	1.00 1.00	Very limited Restricted permeability Filtering capacity	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
198: Floyd-----	95	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Depth to saturated zone	0.43	Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
198B: Floyd-----	95	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	0.01
201B: Coland-----	50	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	1.00
						Flooding	0.60
Terril-----	40	Not limited		Not limited		Somewhat limited Too steep for surface application	0.01
213: Rockton-----	95	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.02 0.02	Somewhat limited Depth to bedrock Too acid Droughty	0.46 0.07 0.02	Somewhat limited Depth to bedrock	0.46
						Too acid	0.07
						Droughty	0.02
213B: Rockton-----	95	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.02 0.02	Somewhat limited Depth to bedrock Too acid Droughty	0.46 0.07 0.02	Somewhat limited Depth to bedrock	0.46
						Too steep for surface application	0.08
						Too acid	0.07
						Droughty	0.02

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
214: Rockton-----	100	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.40 0.02	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.40 0.07	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.40 0.07
214B: Rockton-----	95	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.40 0.02	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.40 0.07	Somewhat limited Depth to bedrock Droughty Too steep for surface application Too acid	0.46 0.40 0.08 0.07
214C: Rockton-----	95	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.40 0.02	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.40 0.07	Somewhat limited Too steep for surface application Depth to bedrock Droughty Too acid Too steep for sprinkler application	0.91 0.46 0.40 0.07 0.02
214C2: Rockton-----	95	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.40 0.02	Somewhat limited Depth to bedrock Droughty Too acid	0.46 0.40 0.07	Somewhat limited Too steep for surface application Depth to bedrock Droughty Too acid Too steep for sprinkler application	0.91 0.46 0.40 0.07 0.02
216B: Ripon-----	95	Somewhat limited Depth to bedrock Droughty	0.46 0.01	Somewhat limited Depth to bedrock Droughty	0.46 0.01	Somewhat limited Depth to bedrock Droughty Too steep for surface application	0.46 0.01 0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
217B: Ripon-----	95	Somewhat limited Depth to bedrock	0.46	Somewhat limited Depth to bedrock	0.46	Somewhat limited Depth to bedrock Too steep for surface application	0.46 0.01
221B: Palms-----	95	Very limited Depth to saturated zone Leaching limitation Low adsorption	1.00 0.90 0.36	Very limited Depth to saturated zone Low adsorption	1.00 1.00	Very limited Depth to saturated zone Low adsorption Too steep for surface application	1.00 0.36 0.01
225: Lawler-----	95	Very limited Filtering capacity Depth to saturated zone	1.00 0.43	Very limited Filtering capacity Depth to saturated zone	1.00 0.43	Very limited Filtering capacity Depth to saturated zone	1.00 0.43
226: Lawler-----	95	Very limited Filtering capacity Depth to saturated zone	1.00 0.43	Very limited Filtering capacity Depth to saturated zone	1.00 0.43	Very limited Filtering capacity Depth to saturated zone	1.00 0.43
284: Flagler-----	95	Very limited Filtering capacity Droughty	1.00 0.29	Very limited Filtering capacity Droughty	1.00 0.29	Very limited Filtering capacity Droughty	1.00 0.29
284B: Flagler-----	95	Very limited Filtering capacity Droughty	1.00 0.29	Very limited Filtering capacity Droughty	1.00 0.29	Very limited Filtering capacity Droughty Too steep for surface application	1.00 0.29 0.08
284C: Flagler-----	95	Very limited		Very limited		Very limited	

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285B: Burkhardt-----	95	Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Droughty	0.29	Droughty	0.29	Too steep for surface application	0.91
						Droughty	0.29
						Too steep for sprinkler application	0.02
285C: Burkhardt-----	100	Very limited		Very limited		Very limited	
		Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Droughty	0.73	Droughty	0.73	Droughty	0.73
		Too acid	0.02	Too acid	0.07	Too steep for surface application	0.08
285F: Burkhardt-----	100					Too acid	0.07
		Very limited		Very limited		Very limited	
		Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Droughty	0.73	Droughty	0.73	Too steep for surface application	0.91
303: Pinicon-----	95	Too acid	0.02	Too acid	0.07	Droughty	0.73
						Too acid	0.07
						Too steep for sprinkler application	0.02
		Very limited		Very limited		Very limited	
303: Pinicon-----	95	Slope	1.00	Slope	1.00	Too steep for surface application	1.00
		Filtering capacity	1.00	Filtering capacity	1.00	Too steep for sprinkler application	1.00
		Droughty	0.73	Droughty	0.73	Filtering capacity	1.00
		Too acid	0.02	Too acid	0.07	Droughty	0.73
				Too acid	0.07		

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377: Dinsdale-----	100	Depth to saturated zone	0.95	Depth to saturated zone	0.95	Depth to saturated zone	0.95
		Too acid	0.08	Too acid	0.31	Too acid	0.31
377B: Dinsdale-----	100	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too acid	0.07
		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
382: Maxfield-----	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
		Leaching limitation	0.70				
391B: Clyde-----	60	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	0.70				
Floyd-----	40	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 0.01
394: Ostrander-----	90	Not limited		Not limited		Not limited	
394B: Ostrander-----	85	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
394C: Ostrander-----	95	Not limited		Not limited		Somewhat limited	

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394C2: Ostrander-----	100	Not limited		Not limited		Too steep for surface application	0.91
						Too steep for sprinkler application	0.02
398: Tripoli-----	95	Very limited Depth to saturated zone Leaching limitation	1.00 0.70	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
399: Readlyn-----	95	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
399B: Readlyn-----	95	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 steep for surface application Too acid	0.43 0.08 0.07
407B: Schley-----	95	Very limited Depth to saturated zone Too acid	1.00 0.08	Very limited Depth to saturated zone Too acid	1.00 0.31	Very limited Depth to saturated zone Too acid Too steep for surface application	1.00 0.31 0.01

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408B: Olin-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
412C: Emeline-----	95	Very limited Depth to bedrock Droughty Runoff limitation	1.00 1.00 0.40	Very limited Droughty Depth to bedrock	1.00 1.00	Very limited Droughty Depth to bedrock Too steep for surface application Too steep for sprinkler application	1.00 1.00 0.66 0.01
412E: Emeline-----	95	Very limited Depth to bedrock Droughty Slope Runoff limitation	1.00 1.00 0.96 0.40	Very limited Droughty Depth to bedrock Slope	1.00 1.00 0.96	Very limited Droughty Depth to bedrock Too steep for surface application Too steep for sprinkler application	1.00 1.00 1.00 0.97
412G: Emeline-----	95	Very limited Slope Depth to bedrock Droughty Runoff limitation	1.00 1.00 1.00 0.40	Very limited Droughty Depth to bedrock Slope	1.00 1.00 1.00	Very limited Droughty Depth to bedrock Too steep for surface application Too steep for sprinkler application	1.00 1.00 1.00 1.00
444B: Jacwin-----	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 Depth to saturated zone	1.00 0.43

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
457: Du Page-----	95	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Too steep for surface application Somewhat limited Flooding	0.01 0.60
471: Oran-----	95	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
471B: Oran-----	95	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 steep for surface application Too acid	0.43 0.08 0.07
482: Racine-----	85	Somewhat limited Too acid	0.02	Somewhat limited Too acid	0.07	Somewhat limited Too acid	0.07
482B: Racine-----	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
482C: Racine-----	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
482C2: Racine-----	100	Somewhat limited		Somewhat 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 acid	0.02	Too acid	0.07	Too steep for surface application	0.91
						Too acid	0.07
						Too steep for sprinkler application	0.02
485: Spillville-----	95	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
491B: Renova-----	95	Somewhat limited Too acid	0.03	Somewhat limited Too acid	0.14	Somewhat limited Too acid Too steep for surface application	0.14 0.01
507: Canisteo-----	100	Very limited Depth to saturated zone Leaching limitation	1.00 0.70	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
535: Shellwood-----	95	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
536: Hanlon-----	95	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
537: Du Page-----	50	Somewhat limited Flooding	0.60	Very limited Flooding	1.00	Somewhat limited Flooding	0.60
Calco-----	35	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
551: Calamine-----	95	Very limited		Very limited		Very limited	

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559: Talcot-----	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				
595: Harpster-----	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
		Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Leaching limitation	0.70				
612C2: Mottland-----	90	Not limited		Not limited		Somewhat limited	
						Too steep for surface application	0.91
612D2: Mottland-----	90	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Very limited	
						Too steep for surface application	1.00
616: Aureola-----	100	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
						Too steep for sprinkler application	0.77
616B: Aureola-----	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
616C2: Aureola-----	95	Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity Too steep for surface application	1.00 0.08
		Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application Too steep for sprinkler application	1.00 0.91 0.02
616D2: Aureola-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Too steep for surface application	1.00
		Slope	0.84	Slope	0.84	Filtering capacity Too steep for sprinkler application	1.00 0.89
631: Limecreek-----	100	Not limited		Not limited		Not limited	
631B: Limecreek-----	95	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08
631C: Limecreek-----	95	Not limited		Not limited		Somewhat limited Too steep for surface application Too steep for sprinkler application	0.91 0.02
651: Faxon-----	100	Very limited		Very limited		Very limited	

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662B: Mt. Carroll-----	100	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Leaching limitation	0.70	Depth to bedrock	0.46	Depth to bedrock	0.46
		Depth to bedrock	0.46	Droughty	0.07	Droughty	0.07
		Droughty	0.07				
697: Rocksan-----	100	Not limited		Not limited		Somewhat limited	
						Too steep for surface application	0.08
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
713: Winneshiek-----	95	Depth to saturated zone	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Filtering capacity	1.00	Filtering capacity	1.00	Filtering capacity	1.00
		Somewhat limited		Somewhat limited		Somewhat limited	
		Depth to bedrock	0.46	Depth to bedrock	0.46	Depth to bedrock	0.46
713B: Winneshiek-----	90	Droughty	0.04	Droughty	0.04	Droughty	0.04
		Somewhat limited		Somewhat limited		Somewhat limited	
		Depth to bedrock	0.46	Depth to bedrock	0.46	Depth to bedrock	0.46
		Droughty	0.04	Droughty	0.04	Too steep for surface application	0.08
714B: Winneshiek-----	95	Droughty	0.04	Droughty	0.04	Droughty	0.04
		Very limited		Very limited		Very limited	
		Restricted permeability	1.00	Restricted permeability	1.00	Restricted permeability	1.00
		Depth to bedrock	0.46	Depth to bedrock	0.46	Depth to bedrock	0.46
714C: Winneshiek-----	95	Droughty	0.45	Droughty	0.45	Droughty	0.45
						Too steep for surface application	0.08
		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
		Droughty	0.49	Droughty	0.49	Too steep for surface application	0.91
		Depth to bedrock	0.46	Depth to bedrock	0.46	Droughty	0.49
725: Hayfield-----	95	Depth to bedrock	0.46	Depth to bedrock	0.46	Depth to bedrock	0.46
						Too steep for sprinkler application	0.02
		Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
726: Hayfield-----	95	Depth to saturated zone	0.02	Depth to saturated zone	0.02	Depth to saturated zone	0.02
		Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
		Depth to saturated zone	0.02	Depth to saturated zone	0.02	Depth to saturated zone	0.02
733: Calco-----	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	0.70	Flooding	1.00	Flooding	0.60
		Flooding	0.60				
761: Franklin-----	95	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 acid	0.08	Too acid	0.31	Too acid	0.31
771: Waubee-----	100	Not limited		Not limited		Not limited	
771B: Waubee-----	100	Not limited		Not limited		Somewhat limited Too steep for surface application	0.08

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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
776C: Lilah-----	100	Very limited Filtering capacity Droughty Leaching limitation Too acid	1.00 1.00 0.45 0.02	Very limited Filtering capacity Droughty Too acid	1.00 1.00 0.07	Very limited Filtering capacity Droughty Too steep for surface application Too acid Too steep for sprinkler application	1.00 1.00 0.91 0.07 0.02
777: Wapsie-----	90	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00
777B: Wapsie-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application	1.00 0.08
777C: Wapsie-----	95	Very limited Filtering capacity	1.00	Very limited Filtering capacity	1.00	Very limited Filtering capacity Too steep for surface application Too steep for sprinkler application	1.00 0.91 0.02
781B: Lourdes-----	95	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
781C: Lourdes-----	95	Somewhat limited		Somewhat limited		Somewhat 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
781C2: Lourdes-----	95	Restricted permeability	0.30	Restricted permeability	0.22	Too steep for surface application	0.91
						Restricted permeability	0.22
						Too steep for sprinkler application	0.02
782: Donnan-----	95	Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Somewhat limited Too steep for surface application	0.91
						Restricted permeability	0.22
						Too steep for sprinkler application	0.02
782B: Donnan-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	0.86	Depth to saturated zone	0.86	Depth to saturated zone	0.86
		Too acid	0.02	Too acid	0.07	Too acid	0.07
782B: Donnan-----	95	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00	Very limited Restricted permeability	1.00
		Depth to saturated zone	0.86	Depth to saturated zone	0.86	Depth to saturated zone	0.86
		Too acid	0.02	Too acid	0.07	Too steep for surface application	0.08
783B: Cresco-----	90	Somewhat limited Restricted permeability	0.30	Somewhat limited Restricted permeability	0.22	Somewhat limited Restricted permeability	0.22
						Too steep for surface application	0.08
		Too acid	0.02	Too acid	0.07	Too acid	0.07

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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
783C: Cresco-----	90	Somewhat limited	0.30	Somewhat limited	0.22	Somewhat limited	0.91
		Restricted permeability		Restricted permeability		Too steep for surface application	
		Too acid		Too acid		Restricted permeability	
						Too acid	0.07
						Too steep for sprinkler application	0.02
784B: Riceville-----	95	Somewhat limited	0.43	Somewhat limited	0.43	Somewhat limited	0.43
		Depth to saturated zone		Depth to saturated zone		Depth to saturated zone	
		Restricted permeability		Too acid		Too acid	
		Too acid		Restricted permeability		Restricted permeability	
						Too steep for surface application	0.01
789: Oakton-----	100	Very limited	1.00	Very limited	1.00	Very limited	1.00
		Filtering capacity		Filtering capacity		Filtering capacity	
		Depth to saturated zone		Depth to saturated zone		Depth to saturated zone	
						Too acid	0.07
797: Jameston-----	100	Very limited	1.00	Very limited	1.00	Very limited	1.00
		Depth to saturated zone		Depth to saturated zone		Depth to saturated zone	
		Leaching limitation		Restricted permeability		Restricted permeability	
							0.22
							0.22
798B: Protivin-----	95	Somewhat limited	0.43	Somewhat limited	0.43	Somewhat limited	0.43
		Depth to saturated zone		Depth to saturated zone		Depth to saturated zone	
		Restricted permeability		Restricted permeability		Restricted permeability	
		Too acid		Too acid		Too acid	
							0.22
							0.22
							0.07

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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
806B: Whalan-----	95					Too steep for surface application	0.01
		Somewhat limited		Somewhat limited		Somewhat limited	
		Restricted permeability	0.89	Restricted permeability	0.78	Restricted permeability	0.78
		Depth to bedrock	0.46	Depth to bedrock	0.46	Depth to bedrock	0.46
936: Coland-----	50					Too steep for surface application	0.01
		Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Leaching limitation	0.70	Flooding	1.00	Flooding	0.60
Spillville-----	40	Flooding	0.60	Flooding	1.00	Flooding	0.60
976: Raddle-----	100	Not limited		Not limited		Not limited	
1537: Du Page-----	40	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
Shellwood-----	30	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
Calco-----	20	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	1.00	Flooding	1.00	Flooding	1.00
1936: Spillville-----	35	Leaching limitation	0.70				
		Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
Hanlon-----	30	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	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
Coland-----	15	Very limited Depth to saturated zone Flooding Leaching limitation	1.00 1.00 0.70	Very limited Depth to saturated zone Flooding	1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 1.00
4000: Urban Land-----	100	Not rated		Not rated		Not rated	
5010: Pits, Sand And Gravel-----	100	Not rated		Not rated		Not rated	
5030: Pits, Limestone Quarry-----	100	Not rated		Not rated		Not rated	
5040: Orthents-----	95	Not rated		Not rated		Not rated	
5060: Pits, Clay-----	100	Not rated		Not rated		Not rated	