

Acreage and Proportionate Extent of the Soils

Cass County, Iowa

Map symbol	Map unit name	Acres	Percent
7	Wiota silty clay loam, 0 to 2 percent slopes, rarely flooded	413	0.1
7B	Wiota silty clay loam, 2 to 5 percent slopes, rarely flooded	67	*
9	Marshall silty clay loam, 0 to 2 percent slopes	2,051	0.6
9B	Marshall silty clay loam, 2 to 5 percent slopes	29,301	8.1
9C2	Marshall silty clay loam, 5 to 9 percent slopes, moderately eroded	29,465	8.1
9C3	Marshall silty clay loam, 5 to 9 percent slopes, severely eroded	863	0.2
9D2	Marshall silty clay loam, 9 to 14 percent slopes, moderately eroded	168	*
15B	Olmitz-Ely-Zook complex, 2 to 5 percent slopes	8	*
16	Nodaway-Kennebec complex, 0 to 2 percent slopes, occasionally flooded	4,138	1.1
43	Bremer silty clay loam, 0 to 2 percent slopes, rarely flooded	1,189	0.3
54	Zook silty clay loam, 0 to 2 percent slopes, occasionally flooded	10,293	2.8
54+	Zook silt loam, 0 to 2 percent slopes, occasionally flooded, overwash	6,176	1.7
88	Nevin silty clay loam, 0 to 2 percent slopes, rarely flooded	2,788	0.8
99D2	Exira silty clay loam, 9 to 14 percent slopes, moderately eroded	45,187	12.5
99D3	Exira silty clay loam, 9 to 14 percent slopes, severely eroded	3,427	0.9
99E2	Exira silty clay loam, 14 to 18 percent slopes, moderately eroded	3,918	1.1
99E3	Exira silty clay loam, 14 to 18 percent slopes, severely eroded	1,254	0.3
113B	Colo, overwash-Ely complex, 2 to 5 percent slopes	21,043	5.8
136	Ankeny fine sandy loam, 0 to 2 percent slopes, occasionally flooded	99	*
212	Kennebec silt loam, 0 to 2 percent slopes, occasionally flooded	2,683	0.7
220	Nodaway silt loam, 0 to 2 percent slopes, occasionally flooded	12,345	3.4
229C2	Clarinda silty clay loam moderately eroded-severely eroded complex, 5 to 9 percent slopes	147	*
229D2	Clarinda silty clay loam moderately eroded-severely eroded complex, 9 to 14 percent slopes	1,194	0.3
247D2	Shelby, sandy substratum-Hesch, deep-Hesch complex, 9 to 14 percent slopes, moderately eroded	92	*
269	Humeston silty clay loam, 0 to 2 percent slopes, occasionally flooded	169	*
273B	Olmitz loam, 2 to 5 percent slopes	175	*
289D2	Dickman, loamy substratum-Marshall complex, 9 to 14 percent slopes, moderately eroded	401	0.1
300	Bremer silty clay loam, 0 to 2 percent slopes	346	*
337D2	Dickman, loamy substratum-Sharpsburg complex, 9 to 14 percent slopes, moderately eroded	24	*
370	Sharpsburg silty clay loam, 0 to 2 percent slopes	1,794	0.5
370B	Sharpsburg silty clay loam, 2 to 5 percent slopes	14,153	3.9
371C2	Sharpsburg-Nira complex, 5 to 9 percent slopes, moderately eroded	20,544	5.7
371D2	Sharpsburg-Nira complex, 9 to 14 percent slopes, moderately eroded	15,857	4.4
371E2	Sharpsburg-Nira complex, 14 to 18 percent slopes, moderately eroded	1,141	0.3
430	Ackmore silt loam, 0 to 2 percent slopes, occasionally flooded	48	*
431B	Judson-Ackmore-Colo, overwash complex, 1 to 5 percent slopes	35,781	9.9
435	Zook-Mt. Sterling complex, 0 to 2 percent slopes, occasionally flooded	241	*
469C2	Lamoni-Clarinda-Shelby complex, 5 to 9 percent slopes, moderately eroded	1	*
469C3	Lamoni-Clarinda-Shelby complex, 5 to 9 percent slopes, severely eroded	1	*
470D2	Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded	4,985	1.4
509B	Marshall silty clay loam, terrace, 2 to 5 percent slopes	3,623	1.0
509C	Marshall silty clay loam, terrace, 5 to 9 percent slopes	1	*
509C2	Marshall silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	1,574	0.4
545B	Zook-Ely-Gullied land complex, 2 to 5 percent slopes	4,198	1.2
733	Calco silty clay loam, 0 to 2 percent slopes, occasionally flooded	98	*
803	Melia silty clay loam, terrace, 0 to 2 percent slopes	3,183	0.9
824E3	Shelby-Lamoni complex, 14 to 18 percent slopes, severely eroded	1,477	0.4
870B	Sharpsburg silty clay loam, terrace, 1 to 5 percent slopes	93	*
1239	Corley-Minden complex, terrace, 0 to 2 percent slopes	999	0.3

* See footnote at end of table.

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2428	Ely-Colo, overwash-Mt. Sterling complex, 0 to 2 percent slopes	3,128	0.9
4946C	Udorthents-Highway complex, 0 to 9 percent slopes	1,236	0.3
5030	Pits, limestone quarries	245	*
5040	Udorthents, loamy	701	0.2
5080	Udorthents, sanitary landfill	52	*
AW	Animal waste lagoon	19	*
SL	Sewage lagoon	34	*
W	Water	1,422	0.4
Y8B	Judson silty clay loam, MLRA 108D, 2 to 5 percent slopes	2,908	0.8
Y8C	Judson silty clay loam, MLRA 108D, 5 to 9 percent slopes	208	*
Y24C2	Shelby clay loam, MLRA 108D, 5 to 9 percent slopes, moderately eroded	291	*
Y24D2	Shelby clay loam, MLRA 108D, 9 to 14 percent slopes, moderately eroded	2,459	0.7
Y24D3	Shelby clay loam, MLRA 108D, 9 to 14 percent slopes, severely eroded	862	0.2
Y24E	Shelby clay loam, MLRA 108D, 14 to 18 percent slopes	8	*
Y24E2	Shelby clay loam, MLRA 108D, 14 to 18 percent slopes, moderately eroded	5,876	1.6
Y24E3	Shelby clay loam, MLRA 108D, 14 to 18 percent slopes, severely eroded	1,200	0.3
Y24F2	Shelby clay loam, MLRA 108D, 18 to 25 percent slopes, moderately eroded	1,195	0.3
Y24F3	Shelby clay loam, MLRA 108D, 18 to 25 percent slopes, severely eroded	400	0.1
Y82C3	Adair-Shelby complex, MLRA 108D, 5 to 9 percent slopes, severely eroded	197	*
Y93D2	Shelby-Adair complex, MLRA 108D, 9 to 14 percent slopes, moderately eroded	779	0.2
Y93D3	Shelby-Adair complex, MLRA 108D, 9 to 14 percent slopes, severely eroded	2,191	0.6
Y93E2	Shelby-Adair complex, MLRA 108D, 14 to 18 percent slopes, moderately eroded	241	*
Y192C2	Adair clay loam, MLRA 108D, 5 to 9 percent slopes, moderately eroded	989	0.3
Y192D2	Adair clay loam, MLRA 108D, 9 to 14 percent slopes, moderately eroded	6,123	1.7
Y222C2	Clarinda silty clay loam, MLRA 108D, 5 to 9 percent slopes, moderately eroded	910	0.3
Y222D2	Clarinda silty clay loam, MLRA 108D, 9 to 14 percent slopes, moderately eroded	1,174	0.3
Y222D3	Clarinda silty clay loam, MLRA 108D, 9 to 14 percent slopes, severely eroded	9	*
Z8B	Judson silty clay loam, MLRA 107B, 2 to 5 percent slopes	11,517	3.2
Z8C	Judson silty clay loam, MLRA 107B, 5 to 9 percent slopes	279	*
Z24D2	Shelby clay loam, MLRA 107B, 9 to 14 percent slopes, moderately eroded	2,865	0.8
Z24D3	Shelby clay loam, MLRA 107B, 9 to 14 percent slopes, severely eroded	362	0.1
Z24E2	Shelby clay loam, MLRA 107B, 14 to 18 percent slopes, moderately eroded	2,936	0.8
Z24E3	Shelby clay loam, MLRA 107B, 14 to 18 percent slopes, severely eroded	3,971	1.1
Z24F2	Shelby clay loam, MLRA 107B, 18 to 25 percent slopes, moderately eroded	791	0.2
Z82D3	Adair-Shelby complex, MLRA 107B, 9 to 14 percent slopes, severely eroded	13,203	3.7
Z93C2	Shelby-Adair complex, MLRA 107B, 5 to 9 percent slopes, moderately eroded	1,128	0.3
Z93D2	Shelby-Adair complex, MLRA 107B, 9 to 14 percent slopes, moderately eroded	12	*
Z93E2	Shelby-Adair complex, MLRA 107B, 14 to 18 percent slopes, moderately eroded	341	*
Z192C3	Adair clay loam, MLRA 107B, 5 to 9 percent slopes, severely eroded	220	*
Z222D2	Clarinda silty clay loam, MLRA 107B, 9 to 14 percent slopes, moderately eroded	2	*
Total		361,700	100.0

* Less than 0.1 percent.