HIGHLY ERODIBLE LAND
Union County, Iowa (IA175) : Detailed Soil Map Legend

Map Symbol	Soil name	HEL (water)	HEL (wind)
8B	JUDSON SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
11B	COLO-ELY SILTY CLAY LOAMS, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
13B	NODAWAY-VESSER SILT LOAMS, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
23C	ARISPE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
24C	SHELBY CLAY LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
24C2	SHELBY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
24D	SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES	HEL	NHEL
24D2	SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
24D3	SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	HEL	NHEL
24E	SHELBY CLAY LOAM, 14 TO 18 PERCENT SLOPES	HEL	NHEL
24E2	SHELBY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
24F2	SHELBY CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
51	VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
65E	LINDLEY LOAM, 14 TO 18 PERCENT SLOPES	HEL	NHEL
65F	LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	HEL	NHEL
69C	CLEARFIELD SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
76B	LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
76C	LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
76C2	LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
76D	LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES	HEL	NHEL
93D	ADAIR-SHELBY CLAY LOAMS, 9 TO 14 PERCENT SLOPES	HEL	NHEL
93D2	ADAIR-SHELBY CLAY LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
93E2	ADAIR-SHELBY CLAY LOAMS, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
94D2	MYSTIC-CALEB COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
122	SPERRY SILT LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
131C	PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
131C2	PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
131D	PERSHING SILT LOAM, 9 TO 14 PERCENT SLOPES	HEL	NHEL
132C	WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
133	COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
133B	COLO SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
175D	DICKINSON FINE SANDY LOAM, 5 TO 14 PERCENT SLOPES	PHEL	NHEL
179D	GARA LOAM, 9 TO 14 PERCENT SLOPES	HEL	NHEL
179D2	GARA LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
179E	GARA LOAM, 14 TO 18 PERCENT SLOPES	HEL	NHEL
179E2	GARA LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
179F	GARA LOAM, 18 TO 25 PERCENT SLOPES	HEL	NHEL
192C	ADAIR CLAY LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
192C2	ADAIR CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
192D2	ADAIR CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
212	KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
220	NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
222C	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
222C2	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
222D	CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	HEL	NHEL
222D2	CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
248	WABASH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
269	HUMESTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
273B	OLMITZ LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
362	HAIG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
364B	GRUNDY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
368	MACKSBURG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
368B	MACKSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
369	WINTERSET SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
370B	SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
370C	SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
370C2	SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
370D	SHARPSBURG SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	HEL	NHEL
371C	NIRA-SHARPSBURG SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES	HEL	NHEL
371C2	NIRA-SHARPSBURG SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
425C	KESWICK LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
451C2	CALEB LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	PHEL	NHEL
451D2	CALEB LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL

HEL, Highly erodible; NHEL, Not highly erodible; PHEL, Potentially highly erodible.

U. S. DEPARTMENT OF AGRICULTURE
04/01/2003

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Union County, Iowa (IA175) : Detailed Soil Map Legend

Map Symbol	Soil name	HEL (water)	HEL (wind)
451E2	CALEB LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
452C	LINEVILLE SILT LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
592C2	MYSTIC SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
592D2	MYSTIC SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
792C	ARMSTRONG LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
792C2	ARMSTRONG LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
792D2	ARMSTRONG LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
822C	LAMONI SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
822C2	LAMONI SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
822D	LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	HEL	NHEL
822D2	LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
993D2	GARA-ARMSTRONG LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
993E2	GARA-ARMSTRONG LOAMS, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
C220	NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES, CHANNELED	NHEL	NHEL
T76B	LADOGA SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
T76C	LADOGA SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES	HEL	NHEL
T130	BELINDA SILT LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
T131B	PERSHING SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
T131C	PERSHING SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES	HEL	NHEL

HEL, Highly erodible; NHEL, Not highly erodible; PHEL, Potentially highly erodible.