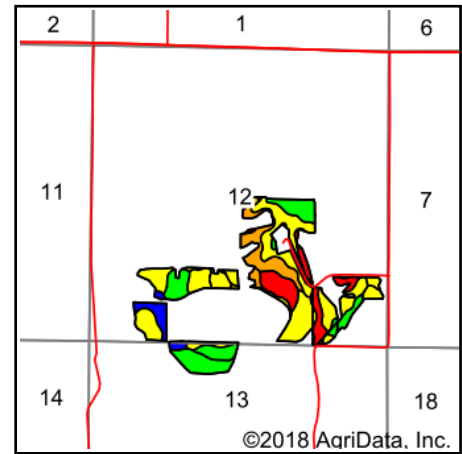


# Soils Map

Soils data provided by USDA and NRCS.



State: **Iowa**  
County: **Lucas**  
Location: **12-71N-23W**  
Township: **Union**  
Acres: **97.98**  
Date: **6/25/2018**



Maps Provided By:



Area Symbol: IA117, Soil Area Version: 25

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	*i Corn	*i Soybeans	CSR2**	CSR	Corn	Soybeans	NCCPI Overall	NCCPI Corn	NCCPI Small Grains
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	11.89	12.1%		IIle	80	23.2	62	50			82	82	49
831C	Pershing silt loam, terrace, 5 to 9 percent slopes	11.59	11.8%		IIle	80	23.2	67	49			67	67	46
192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	10.29	10.5%		IIle	137.6	39.9	48	30			60	60	32
831C2	Pershing silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	7.74	7.9%		IIle	80	23.2	64	45			59	59	35
54	Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	7.36	7.5%		IIw	164.8	47.8	68	75			73	73	14
470D2	Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded	7.12	7.3%		IVe	134.4	39	34	25			60	60	38
711	Lawson-Nodaway-Colo complex, 0 to 2 percent slopes, occasionally flooded	6.71	6.8%		IIw	80	23.2	83		215	62	91	88	47
364B	Grundy silty clay loam, 2 to 5 percent slopes	5.27	5.4%		Ile	80	23.2	72	75			78	78	44
453	Tuskeego silt loam, 0 to 2 percent slopes, rarely flooded	5.02	5.1%			80	23.2	0	53					
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	4.84	4.9%		IVe	88	25.5	24	5			56	56	34
269	Humeston silty clay loam, 0 to 2 percent slopes, occasionally flooded	4.28	4.4%		IIIw	80	23.2	70	58			85	85	14

484	Lawson silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	3.53	3.6%		llw	219.2	63.6	86	90			88	86	35
54+	Zook silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded, overwash	3.48	3.6%		llw	164.8	47.8	68	70			82	82	14
51+	Vesser silt loam, 0 to 2 percent slopes, overwash	2.78	2.8%		llw	198.4	57.5	74	70			94	94	61
587	Chequest silty clay loam, 0 to 2 percent slopes, occasionally flooded	2.08	2.1%		llw	185.6	53.8	62	67			78	78	13
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	1.95	2.0%		llw	200	58	68	53			80	79	14
24E2	Shelby clay loam, 14 to 18 percent slopes, moderately eroded	1.11	1.1%		IVe	144	41.8	40	38			59	59	42
192D2	Adair clay loam, heavy till, 9 to 14 percent slopes, moderately eroded	0.38	0.4%		IVe	108.8	31.6	24	15			58	58	31
822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	0.28	0.3%		Ille	129.6	37.6	36	30			49	49	46
51B	Vesser silt loam, 2 to 5 percent slopes, rarely flooded	0.21	0.2%		llw	190.4	55.2	75	66			94	92	17
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	0.07	0.1%		IVw	140.8	40.8	34	25			45	45	14
<b>Weighted Average</b>						<b>114</b>	<b>33.1</b>	<b>58</b>	<b>*-</b>	<b>14.7</b>	<b>4.2</b>	<b>68.9</b>	<b>68.6</b>	<b>34</b>

\*\*IA has updated the CSR values for each county to CSR2.

\*- CSR weighted average cannot be calculated on the current soils data, use prior data version for csr values.

\*i Yield data provided by the ISPAID Database version 8.1.1 developed by IA State University.

\*c: Using Capabilities Class Dominant Condition Aggregation Method

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