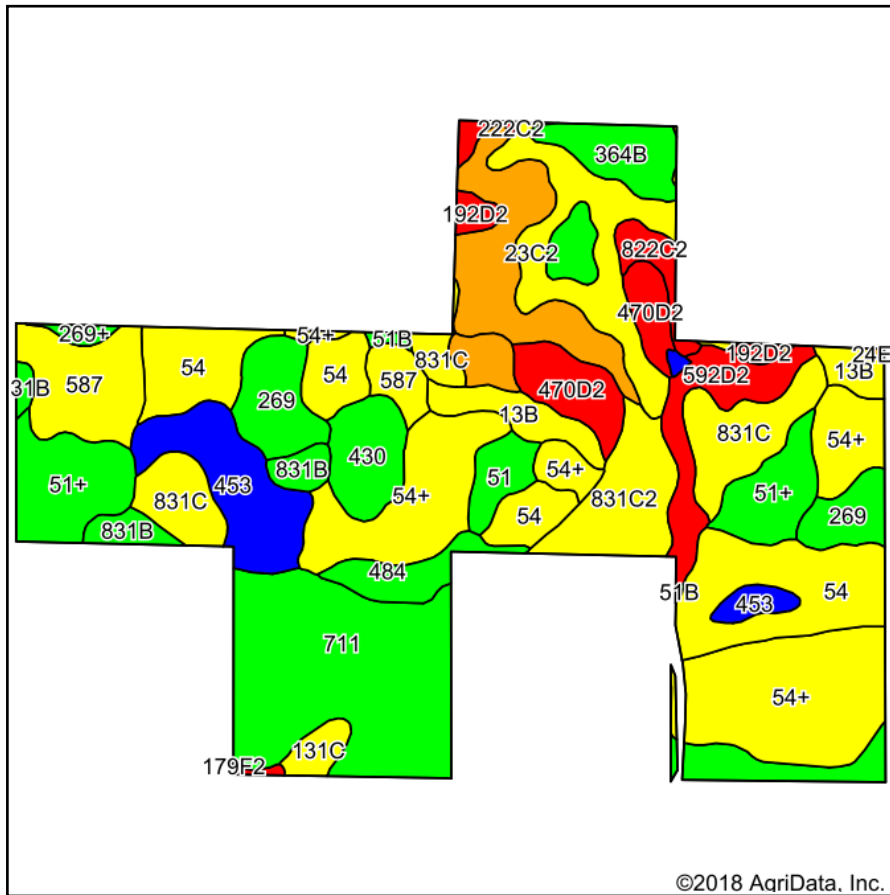
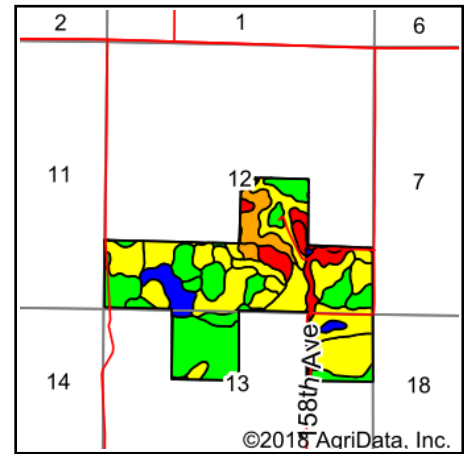


Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**
 County: **Lucas**
 Location: **12-71N-23W**
 Township: **Union**
 Acres: **280**
 Date: **8/10/2018**

PEOPLES™
 COMPANY
 INNOVATIVE. REAL ESTATE. SOLUTIONS.

Maps Provided By:

surety®
 CUSTOMIZED ONLINE MAPPING
 © AgriData, Inc. 2018 www.AgriDataInc.com



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
54+	Zook silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded, overwash	41.60	14.9%		IIw	164.8	47.8	68	70			82	82	14
711	Lawson-Nodaway-Colo complex, 0 to 2 percent slopes, occasionally flooded	37.56	13.4%		IIw	80	23.2	83		215	62	91	88	47
54	Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	29.29	10.5%		IIw	164.8	47.8	68	75			73	73	14
51+	Vesser silt loam, 0 to 2 percent slopes, overwash	15.98	5.7%		IIw	198.4	57.5	74	70			94	94	61
831C	Pershing silt loam, terrace, 5 to 9 percent slopes	15.35	5.5%		IIIe	80	23.2	67	49			67	67	46
192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	14.22	5.1%		IIIe	137.6	39.9	48	30			60	60	32
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	14.09	5.0%		IIIe	80	23.2	62	50			82	82	49
453	Tuskeego silt loam, 0 to 2 percent slopes, rarely flooded	13.59	4.9%			80	23.2	0	53					
587	Chequest silty clay loam, 0 to 2 percent slopes, occasionally flooded	13.16	4.7%		IIw	185.6	53.8	62	67			78	78	13
269	Humeston silty clay loam, 0 to 2 percent slopes, occasionally flooded	10.92	3.9%		IIIw	80	23.2	70	58			85	85	14
831C2	Pershing silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	10.07	3.6%		IIIe	80	23.2	64	45			59	59	35

470D2	Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded	8.88	3.2%		IVe	134.4	39	34	25			60	60	38	
364B	Grundy silty clay loam, 2 to 5 percent slopes	8.54	3.0%		Ile	80	23.2	72	75			78	78	44	
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	8.20	2.9%		IVe	88	25.5	24	5			56	56	34	
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	6.91	2.5%		Ilw	200	58	68	53			80	79	14	
430	Ackmore silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	6.75	2.4%		Ilw	203.2	58.9	77	83			86	86	30	
831B	Pershing silt loam, terrace, 2 to 5 percent slopes	4.56	1.6%		Ille	80	23.2	71	67			71	71	46	
484	Lawson silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	4.44	1.6%		Ilw	219.2	63.6	86	90			88	86	35	
51	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded	3.58	1.3%		Ilw	198.4	57.5	75	71			93	92	15	
24E2	Shelby clay loam, 14 to 18 percent slopes, moderately eroded	2.72	1.0%		IVe	144	41.8	40	38			59	59	42	
192D2	Adair clay loam, heavy till, 9 to 14 percent slopes, moderately eroded	2.69	1.0%		IVe	108.8	31.6	24	15			58	58	31	
822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	2.64	0.9%		Ille	129.6	37.6	36	30			49	49	46	
131C	Pershing silt loam, 5 to 9 percent slopes	2.10	0.8%		Ille	80	23.2	65	49			72	72	44	
269+	Humeston silt loam, 0 to 2 percent slopes, overwash	0.89	0.3%		Illw	80	23.2	72	63			74	74	58	
51B	Vesser silt loam, 2 to 5 percent slopes, rarely flooded	0.51	0.2%		Ilw	190.4	55.2	75	66			94	92	17	
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	0.32	0.1%		Ille	123.2	35.7	24	27			53	53	34	
W	Water	0.32	0.1%			0	0	0	0				0	0	
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	0.12	0.0%		IVw	140.8	40.8	34	25			45	45	14	
Weighted Average						129.3	37.5	62.6	*-	28.8		8.3	73.7	73.2	30.2

**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

Soils data provided by USDA and NRCS.