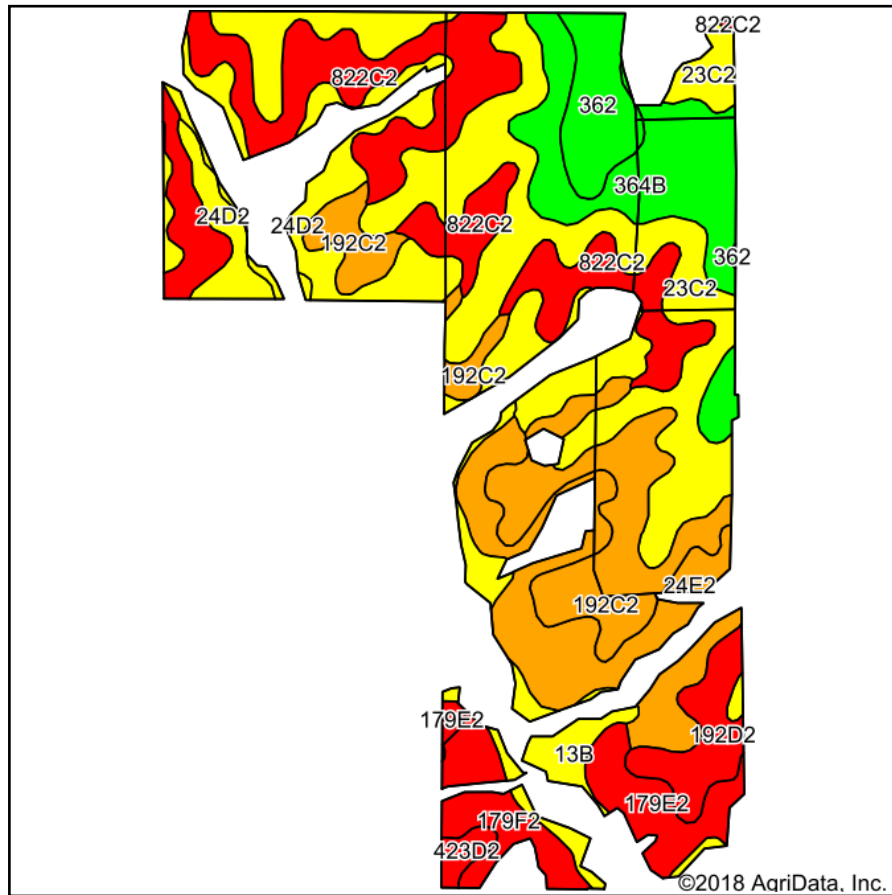
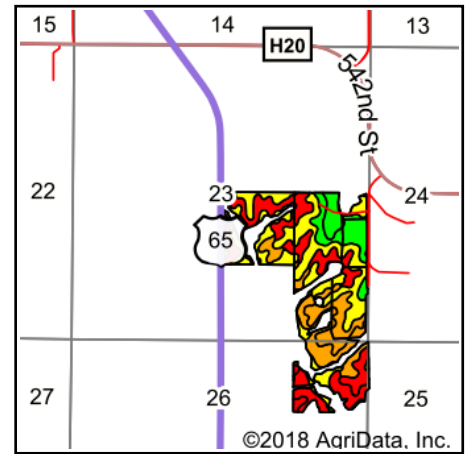


# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Lucas**  
 Location: **23-73N-23W**  
 Township: **Otter Creek**  
 Acres: **126.24**  
 Date: **9/5/2018**

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Maps Provided By:  
**surety**  
 CUSTOMIZED ONLINE MAPPING  
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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	NCCPI Overall	NCCPI Corn	NCCPI Small Grains
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	26.48	21.0%		IIIe	80	23.2	62	50	82	82	49
822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	22.09	17.5%		IIIe	129.6	37.6	36	30	49	49	46
192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	14.85	11.8%		IIIe	137.6	39.9	48	30	60	60	32
24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	13.23	10.5%		IIIe	168	48.7	52	48	67	67	46
24E2	Shelby clay loam, 14 to 18 percent slopes, moderately eroded	12.77	10.1%		IVe	144	41.8	40	38	59	59	42
364B	Grundy silty clay loam, 2 to 5 percent slopes	11.81	9.4%		IIe	80	23.2	72	75	78	78	44
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	5.53	4.4%		IIw	200	58	68	53	80	79	14
362	Haig silt loam, 0 to 2 percent slopes	4.93	3.9%		IIw	80	23.2	83	70	75	75	16
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	4.77	3.8%		VIe	139.2	40.4	23	33	55	55	38
179F2	Gara clay loam, 18 to 25 percent slopes, moderately eroded	4.58	3.6%		IVe	115.2	33.4	11	13	46	46	26
192D2	Adair clay loam, heavy till, 9 to 14 percent slopes, moderately eroded	4.27	3.4%		IVe	108.8	31.6	24	15	58	58	31
423D2	Bucknell silty clay loam, 9 to 14 percent slopes, moderately eroded	0.93	0.7%		IVe	97.6	28.3	7	13	60	60	35
Weighted Average						121	35.1	49.5	42.5	65.7	65.7	40.2

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

\*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.