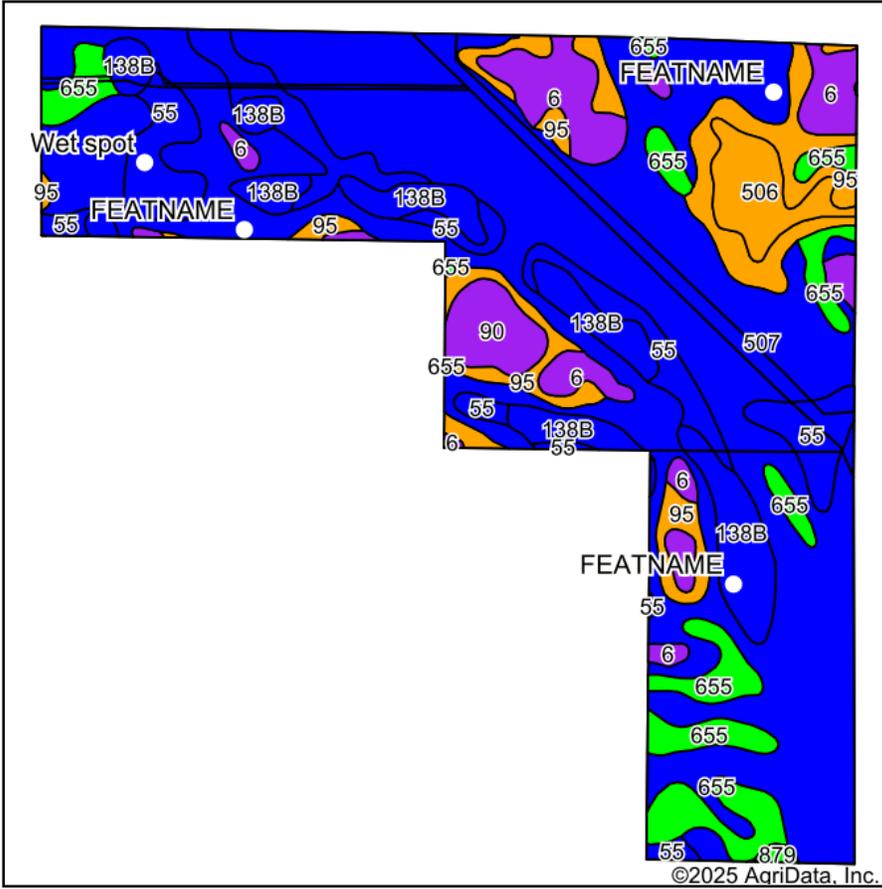
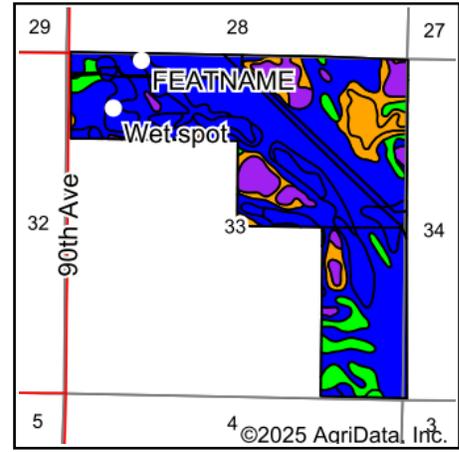


Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**
 County: **Kossuth**
 Location: **33-99N-29W**
 Township: **Harrison**
 Acres: **318.59**
 Date: **12/23/2025**



Maps Provided By:



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Area Symbol: IA109, Soil Area Version: 32

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Restrictive Layer	Soil Drainage	Non-Irr Class *c	*j Corn Bu	*i Alfalfa Tons	*j Soybeans Bu	*j Bluegrass Tons	*i Tall Grasses Tons	*i Water-Holding Inch	CSR2**	CSR	*n NC Ov
507	Canisteo clay loam, 0 to 2 percent slopes	173.90	54.7%		> 6.5ft.	Poorly drained	llw	224.0	4.7	65.0	4.0	6.7	10.0	84	75	
55	Nicollet clay loam, 1 to 3 percent slopes	31.68	9.9%		> 6.5ft.	Somewhat poorly drained	lw	233.6	6.1	67.7	4.2	7.0	10.5	89	85	
95	Harps clay loam, 0 to 2 percent slopes	26.32	8.3%		> 6.5ft.	Poorly drained	llw	198.4	4.2	57.5	3.6	6.0	11.1	72	60	
138B	Clarion loam, 2 to 6 percent slopes	26.26	8.2%		> 6.5ft.	Moderately well drained	lle	225.6	6.3	65.4	4.1	6.8	11.3	89	77	
655	Crippin loam, 1 to 3 percent slopes	23.67	7.4%		> 6.5ft.	Somewhat poorly drained	le	233.6	6.1	67.7	4.2	7.0	11.3	91	80	
6	Okoboji silty clay loam, 0 to 1 percent slopes	21.07	6.6%		> 6.5ft.	Very poorly drained	lllw	177.6	3.7	51.5	3.2	5.3	11.7	59	54	

Soils data provided by USDA and NRCS.



Code	Soil Description	Acres	Percent of field	CSR2 Legend	Restrictive Layer	Soil Drainage	Non-Irr Class *c	*i Corn Bu	*i Alfalfa Tons	*i Soybeans Bu	*j Bluegrass Tons	*j Tall Grasses Tons	*i Water-Holding Inch	CSR2**	CSR	*n NC Ove	
506	Wacousta silty clay loam, 0 to 1 percent slopes	8.43	2.6%		> 6.5ft.	Very poorly drained	Illw	198.4	4.2	57.5	3.6	6.0	12.6	74	72		
90	Okoboji mucky silt loam, 0 to 1 percent slopes	6.70	2.1%		> 6.5ft.	Very poorly drained	Illw	164.8	3.5	47.8	3.0	4.9	13.5	56	56		
879	Fostoria loam, 0 to 2 percent slopes	0.56	0.2%		> 6.5ft.	Somewhat poorly drained	lw	233.6	6.1	67.7	4.2	7.0	12.6	95	85		
Weighted Average								1.94	218.7	4.9	63.4	3.9	6.6	10.6	82	73.4	*n

**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.

*n: The aggregation method is "Weighted Average using all components"

*c: Using Capabilities Class Dominant Condition Aggregation Method

Symbol	Name	Description
CAC	FEATNAME	FEATDESC
CPD	FEATNAME	FEATDESC
SIK	FEATNAME	FEATDESC
WDR	FEATNAME	FEATDESC
WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically__to__ acres.