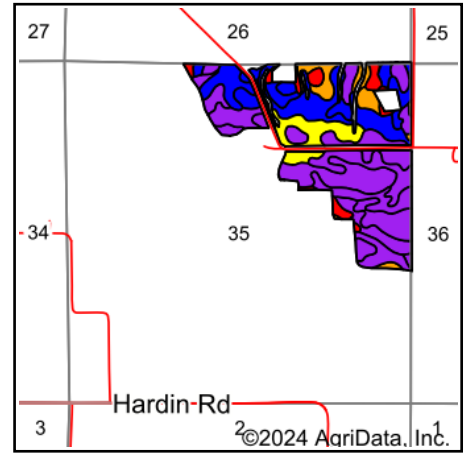
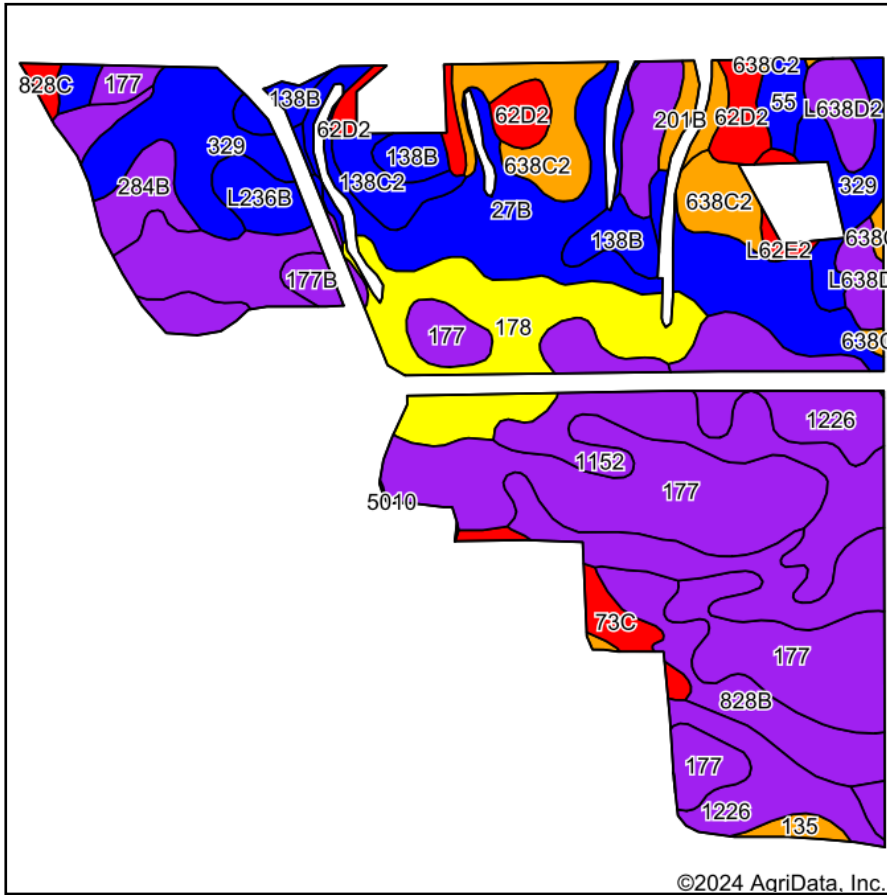


# WHOLE FARM

# Soils Map



State: **Iowa**  
 County: **Franklin**  
 Location: **35-90N-22W**  
 Township: **Oakland**  
 Acres: **132.1**  
 Date: **10/23/2024**

Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
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Soils data provided by USDA and NRCS.

Area Symbol: IA069, Soil Area Version: 30

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class	CSR2**	CSR	*n NCCPI Overall
177	Saude loam, 0 to 2 percent slopes	29.29	22.3%		Ils	60	63	79
1226	Lawler loam, 0 to 2 percent slopes, rarely flooded	16.17	12.2%		Ils	59	72	83
27B	Terril loam, 2 to 6 percent slopes	15.63	11.8%		Ile	87	86	88
178	Waukee loam, 0 to 2 percent slopes	10.75	8.1%		Ils	69	79	84
329	Webster-Nicollet complex, 0 to 3 percent slopes	9.77	7.4%		Ilw	87	86	82
1152	Marshan clay loam, 0 to 2 percent slopes, rarely flooded	9.74	7.4%		Ilw	54	68	81
638C2	Clarion-Storden complex, 6 to 10 percent slopes, moderately eroded	6.48	4.9%		Ille	75	59	71
L638D2	Omsrud-Storden complex, Bemis moraine, 10 to 16 percent slopes, moderately eroded	5.66	4.3%		IVe	53		66
828B	Zenor sandy loam, 2 to 5 percent slopes	5.33	4.0%		Ille	51	46	51
284B	Flagler sandy loam, 1 to 5 percent slopes	4.37	3.3%		Ille	51	41	62
62D2	Storden loam, 10 to 16 percent slopes, moderately eroded	3.84	2.9%		IVe	41	42	65
138B	Clarion loam, 2 to 6 percent slopes	3.70	2.8%		Ile	89	82	83
138C2	Clarion loam, 6 to 10 percent slopes, moderately eroded	2.04	1.5%		Ille	83	65	70
L236B	Lester loam, Bemis moraine, 2 to 6 percent slopes	2.01	1.5%		Ile	85		88
73C	Hawick gravelly sandy loam, 6 to 12 percent slopes	1.79	1.4%		IVs	31	15	37
55	Nicollet clay loam, 1 to 3 percent slopes	1.34	1.0%		Iw	89	89	81
201B	Coland-Terril complex, 1 to 5 percent slopes	1.33	1.0%		Ile	79	80	92
177B	Saude loam, 2 to 5 percent slopes	0.99	0.7%		Ils	55	58	77

Soils data provided by USDA and NRCS.

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class	CSR2**	CSR	*n NCCPI Overall
135	Coland clay loam, 0 to 2 percent slopes, occasionally flooded	0.80	0.6%		IIw	76	80	83
L62E2	Storden loam, Bemis moraine, 10 to 22 percent slopes, moderately eroded	0.60	0.5%		IVe	32		58
828C	Zenor sandy loam, 5 to 14 percent slopes	0.47	0.4%		IIIe	28	30	50
Weighted Average					2.31	66	*-	*n 77.8

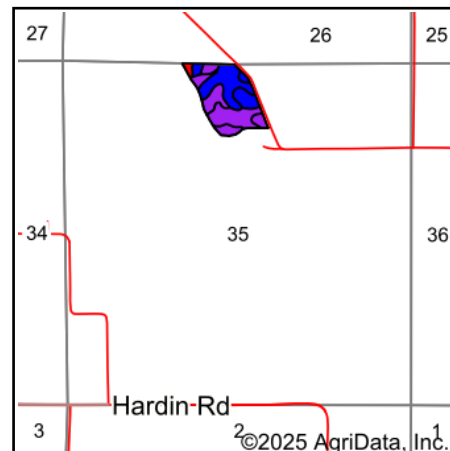
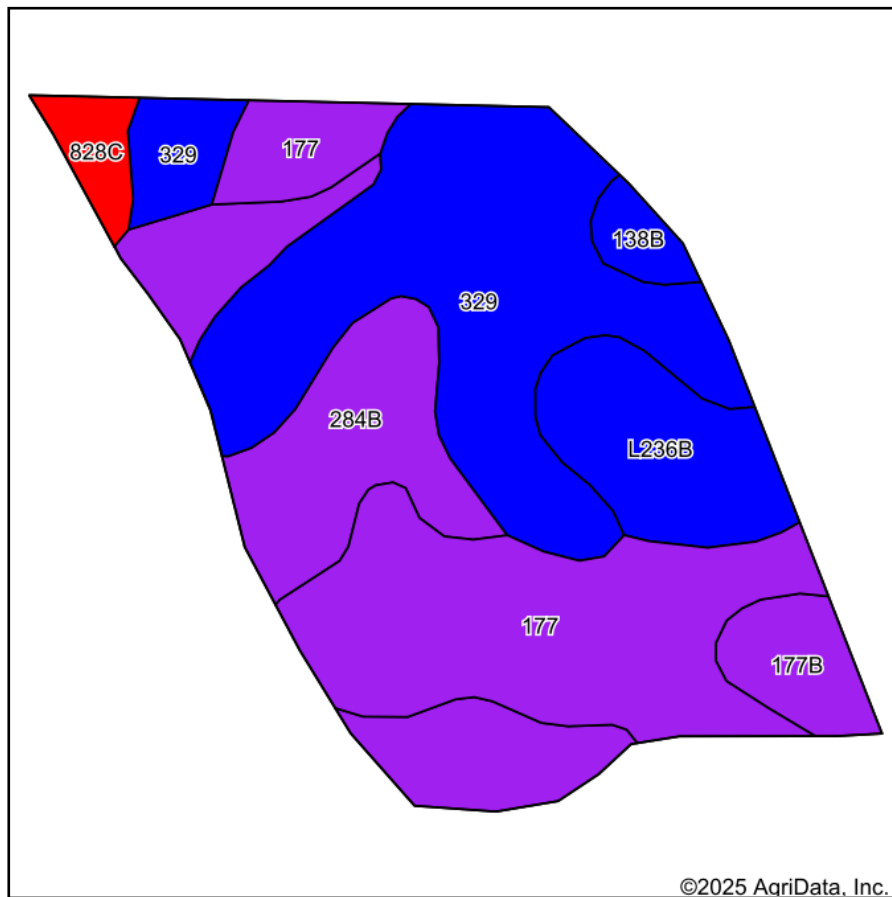
\*\*IA has updated the CSR values for each county to CSR2.

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

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

## TRACT 1

## Soils Map



State: **Iowa**  
 County: **Franklin**  
 Location: **35-90N-22W**  
 Township: **Oakland**  
 Acres: **19.99**  
 Date: **1/8/2025**

Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
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Area Symbol: IA069, Soil Area Version: 31								
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class	CSR2**	CSR	*n NCCPI Overall
329	Webster-Nicollet complex, 0 to 3 percent slopes	6.57	32.8%		IIw	87	86	82
177	Saude loam, 0 to 2 percent slopes	5.40	27.0%		IIIs	60	63	79
284B	Flagler sandy loam, 1 to 5 percent slopes	4.36	21.8%		IIIe	51	41	62
L236B	Lester loam, Bemis moraine, 2 to 6 percent slopes	1.95	9.8%		Ile	85		88
177B	Saude loam, 2 to 5 percent slopes	0.86	4.3%		IIIs	55	58	77
828C	Zenor sandy loam, 5 to 14 percent slopes	0.47	2.4%		IIIe	28	30	50
138B	Clarion loam, 2 to 6 percent slopes	0.38	1.9%		Ile	89	82	83
Weighted Average					2.24	68.9	*-	*n 76.5

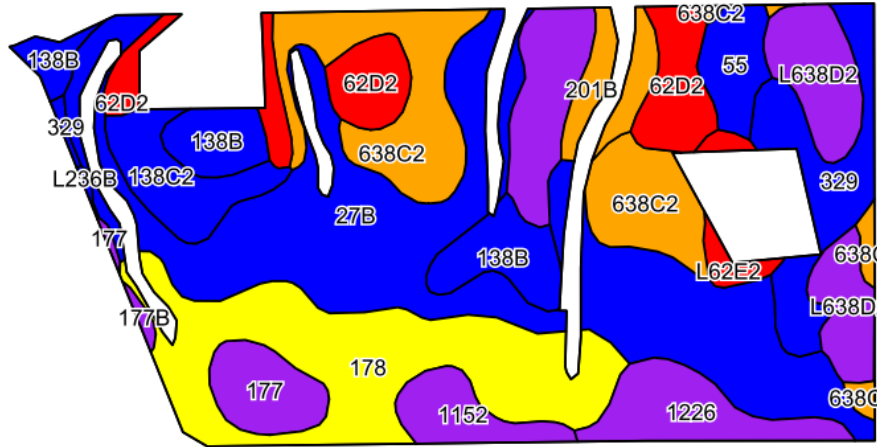
\*\*IA has updated the CSR values for each county to CSR2.

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

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

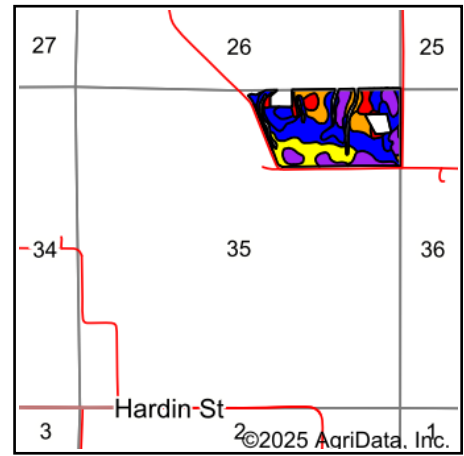
## TRACT 2

## Soils Map



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Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Franklin**  
 Location: **35-90N-22W**  
 Township: **Oakland**  
 Acres: **57.54**  
 Date: **1/8/2025**

Maps Provided By:



Area Symbol: IA069, Soil Area Version: 31

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class	CSR2**	CSR	*n NCCPI Overall
27B	Terril loam, 2 to 6 percent slopes	15.59	27.2%		Ile	87	86	88
178	Waukee loam, 0 to 2 percent slopes	8.51	14.8%		Ils	69	79	84
638C2	Clarion-Storden complex, 6 to 10 percent slopes, moderately eroded	6.48	11.3%		IIle	75	59	71
L638D2	Omsrud-Storden complex, Bemis moraine, 10 to 16 percent slopes, moderately eroded	5.66	9.8%		IVe	53		66
62D2	Storden loam, 10 to 16 percent slopes, moderately eroded	3.84	6.7%		IVe	41	42	65
138B	Clarion loam, 2 to 6 percent slopes	3.32	5.8%		Ile	89	82	83
329	Webster-Nicollet complex, 0 to 3 percent slopes	3.19	5.5%		IIw	87	86	82
1226	Lawler loam, 0 to 2 percent slopes, rarely flooded	2.31	4.0%		Ils	59	72	83
138C2	Clarion loam, 6 to 10 percent slopes, moderately eroded	2.04	3.5%		IIle	83	65	70
177	Saude loam, 0 to 2 percent slopes	1.70	3.0%		Ils	60	63	79
1152	Marshan clay loam, 0 to 2 percent slopes, rarely flooded	1.44	2.5%		IIw	54	68	81
55	Nicollet clay loam, 1 to 3 percent slopes	1.34	2.3%		Iw	89	89	81
201B	Coland-Terril complex, 1 to 5 percent slopes	1.33	2.3%		Ile	79	80	92
L62E2	Storden loam, Bemis moraine, 10 to 22 percent slopes, moderately eroded	0.60	1.0%		IVe	32		58
177B	Saude loam, 2 to 5 percent slopes	0.13	0.2%		Ils	55	58	77
L236B	Lester loam, Bemis moraine, 2 to 6 percent slopes	0.06	0.1%		Ile	85		88
Weighted Average					2.48	73	*-	*n 79.5

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

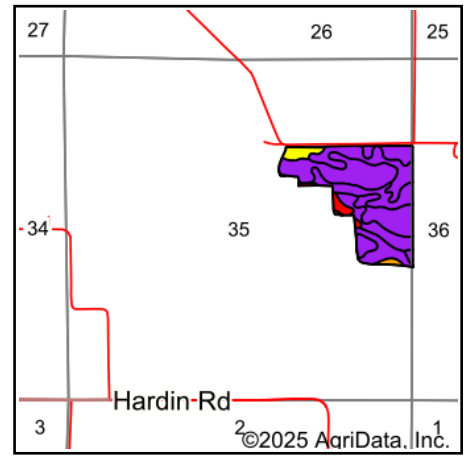
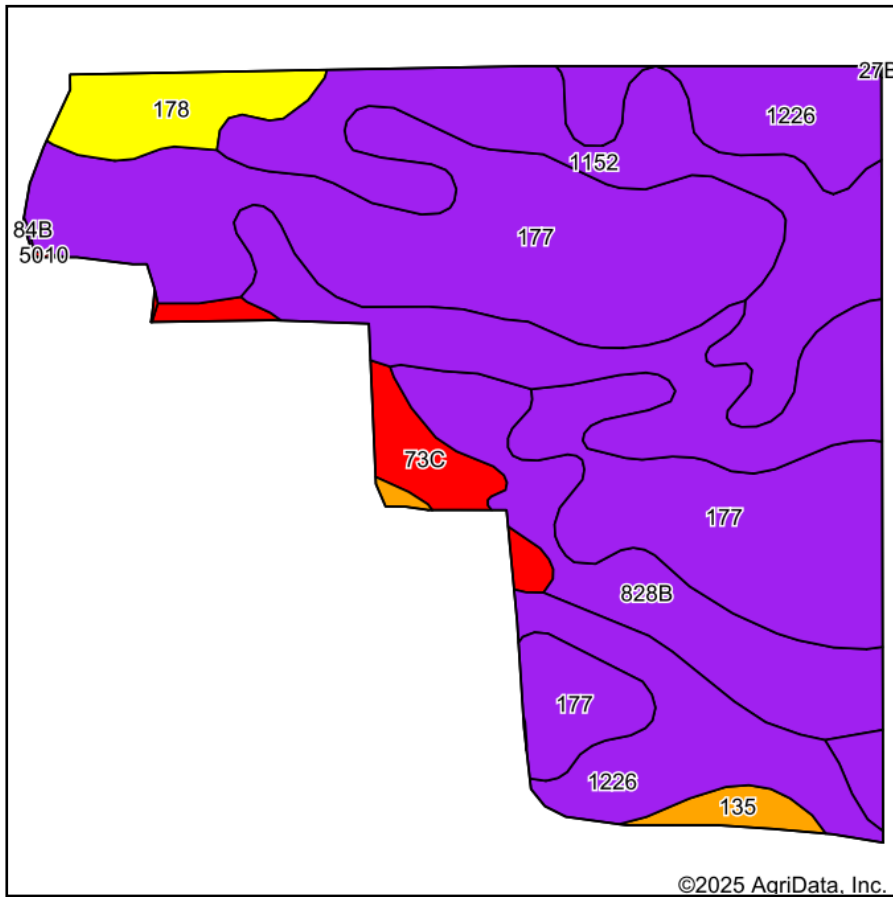
\*- CSR weighted average cannot be calculated on the current soils data, use prior data version for csr values.

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

Soils data provided by USDA and NRCS.

## TRACT 3

## Soils Map



State: **Iowa**  
 County: **Franklin**  
 Location: **35-90N-22W**  
 Township: **Oakland**  
 Acres: **54.57**  
 Date: **1/8/2025**

Maps Provided By:  
  
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Area Symbol: IA069, Soil Area Version: 31

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class	CSR2**	CSR	*n NCCPI Overall
177	Saude loam, 0 to 2 percent slopes	22.24	40.7%		Ils	60	63	79
1226	Lawler loam, 0 to 2 percent slopes, rarely flooded	13.86	25.4%		Ils	59	72	83
1152	Marshan clay loam, 0 to 2 percent slopes, rarely flooded	8.31	15.2%		Ilw	54	68	81
828B	Zenor sandy loam, 2 to 5 percent slopes	5.33	9.8%		Ille	51	46	51
178	Waukee loam, 0 to 2 percent slopes	2.24	4.1%		Ils	69	79	84
73C	Hawick gravelly sandy loam, 6 to 12 percent slopes	1.79	3.3%		IVs	31	15	39
135	Coland clay loam, 0 to 2 percent slopes, occasionally flooded	0.80	1.5%		Ilw	76	80	83
Weighted Average					2.16	57.6	63.7	*n 76.5

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

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