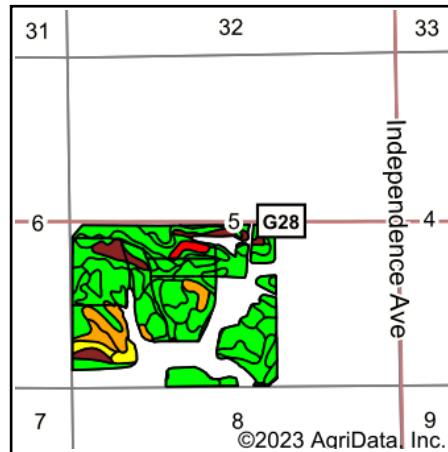
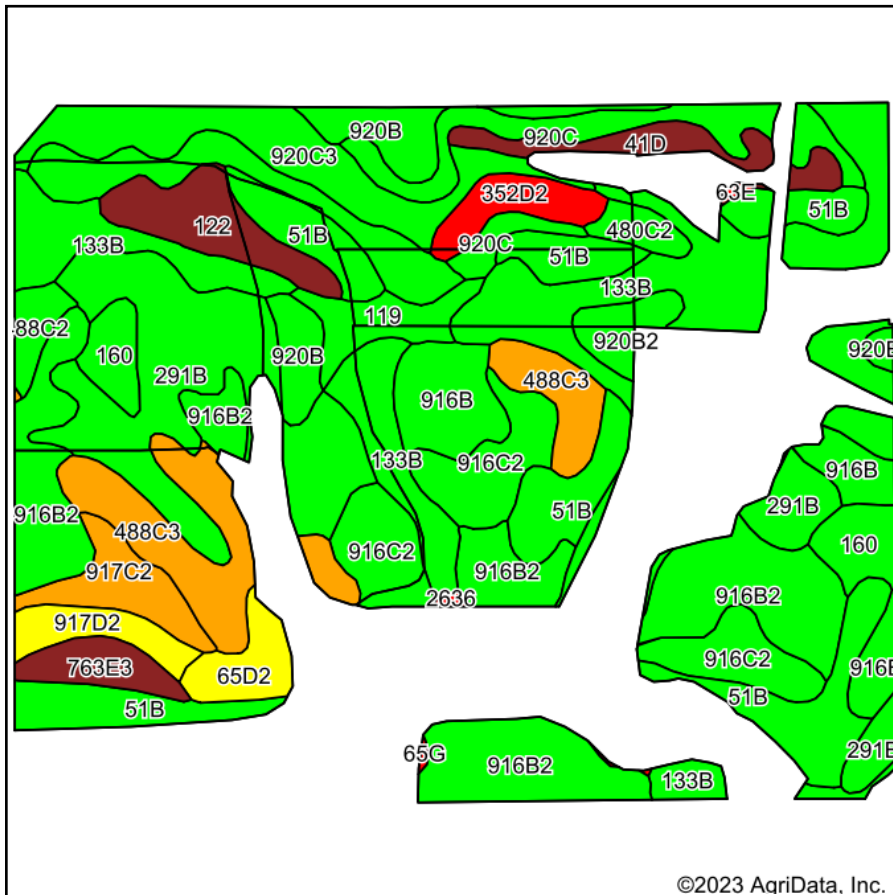


# Soils Map



State: **Iowa**  
 County: **Muscatine**  
 Location: **8-76N-3W**  
 Township: **Seventy-Six**  
 Acres: **141.87**  
 Date: **10/27/2023**



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

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Area Symbol: IA139, Soil Area Version: 29

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	Irr Class *c	CSR2**	CSR	
133B	Colo-Ely complex, 0 to 5 percent slopes	18.73	13.2%			IIw	86	75	
916B2	Downs silt loam, sandy substratum, 2 to 5 percent slopes, eroded	18.13	12.8%			IIe	84	75	
291B	Atterberry silt loam, 2 to 5 percent slopes	15.69	11.1%			IIe	85	90	
51B	Vesser silt loam, 2 to 5 percent slopes	14.96	10.5%			IIw	75	65	
916C2	Downs silt loam, sandy substratum, 5 to 9 percent slopes, eroded	8.87	6.3%			IIIe	80	62	
920B	Tama silt loam, sandy substratum, 2 to 5 percent slopes	8.71	6.1%			IIe	92	82	
488C3	Newvienna silty clay loam, 5 to 9 percent slopes, severely eroded	8.54	6.0%			IVe	70	68	
920C3	Tama silty clay loam, sandy substratum, 5 to 9 percent slopes, severely eroded	6.85	4.8%			IIIe	77	47	
916B	Downs silt loam, sandy substratum, 2 to 5 percent slopes	5.97	4.2%			IIe	88	77	
920C	Tama silt loam, sandy substratum, 5 to 9 percent slopes	5.49	3.9%			IIIe	87	62	
122	Sperry silt loam, depressional, 0 to 1 percent slopes	3.81	2.7%			IIIw	36	63	
160	Walford silt loam, 0 to 2 percent slopes	3.30	2.3%			IIw	82	65	
917C2	Fayette silt loam, sandy substratum, 5 to 9 percent slopes, eroded	2.89	2.0%			IIIe	66	57	
41D	Sparta loamy fine sand, 5 to 14 percent slopes	2.60	1.8%			IVs	IIe	37	15
119	Muscatine silty clay loam, 0 to 2 percent slopes	2.38	1.7%			Iw	100	100	
352D2	Whittier silt loam, 9 to 14 percent slopes, moderately eroded	2.23	1.6%			IVe	15	23	
65D2	Lindley loam, 5 to 14 percent slopes, moderately eroded	2.13	1.5%			IVe	47	38	
916C	Downs silt loam, sandy substratum, 5 to 9 percent slopes	2.06	1.5%			IIIe	82	65	
917D2	Fayette silt loam, sandy substratum, 9 to 14 percent slopes, eroded	2.04	1.4%			IIIe	42	37	
763E3	Exette silty clay loam, 14 to 18 percent slopes, severely eroded	2.01	1.4%			VIe	39	40	
920B2	Tama silt loam, sandy substratum, 2 to 5 percent slopes, eroded	1.89	1.3%			IIe	89	77	
488C2	Newvienna silt loam, 5 to 9 percent slopes, moderately eroded	1.19	0.8%			IIIe	77	71	
480C2	Orwood silt loam, 5 to 9 percent slopes, moderately eroded	1.08	0.8%			IIIe	74	63	
2636	Radford-Hanlon silt loams, channeled, 0 to 2 percent slopes	0.15	0.1%			Vw	5	25	



63E	Chelsea loamy fine sand, 14 to 25 percent slopes	0.11	0.1%		VIIIs		5	5		
65G	Lindley loam, 25 to 50 percent slopes	0.06	0.0%		VIIe		5	5		
<b>Weighted Average</b>							<b>2.51</b>	<b>*-</b>	<b>77.3</b>	<b>68.6</b>

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

\*c: Using Capabilities Class Dominant Condition Aggregation Method

\*- Irr Class weighted average cannot be calculated on the current soils data due to missing data.

Soils data provided by USDA and NRCS.