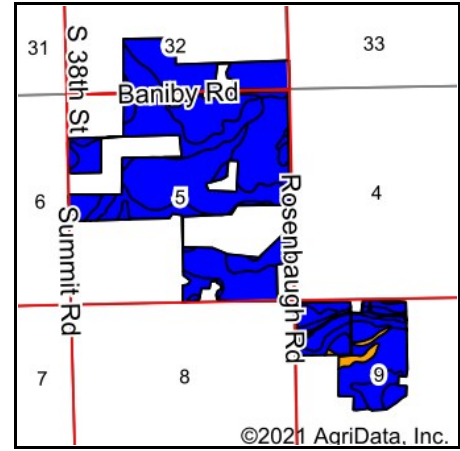
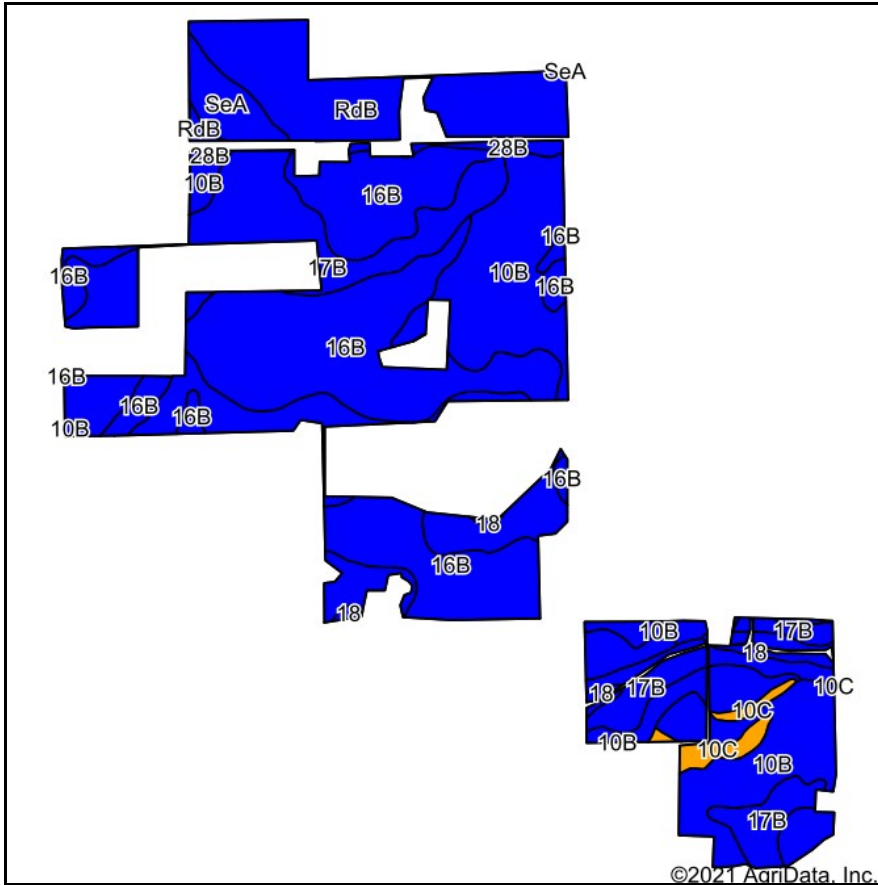


# Soils Map



State: **Michigan**  
 County: **St Joseph**  
 Location: **5-5S-9W**  
 Township: **Leonidas**  
 Acres: **511.97**  
 Date: **12/15/2021**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: MI077, Soil Area Version: 16

Area Symbol: MI149, Soil Area Version: 14

Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Water Table	Non-Irr Class *c	Irr Class *c	Corn Bu	Corn Irrigated Bu	Soybeans Bu	Soybeans Irrigated Bu	Winter wheat Bu	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Soybeans
16B	Elmdale sandy loam, 1 to 6 percent slopes	183.70	35.9%		2.5ft.	lle	lle	95	170	27	55	40	64	64	51
17B	Teasdale sandy loam, 0 to 4 percent slopes	133.71	26.1%		0.5ft.	llw		115		33		50	74	72	60
10B	Hillsdale sandy loam, 2 to 6 percent slopes	103.35	20.2%		> 6.5ft.	lle	lle	100	175	35	55	40	66	66	56
RdB	Riddles loam, 2 to 6 percent slopes	59.49	11.6%		> 6.5ft.	lle		110		38		50	69	69	65
SeA	Sleeth loam, 0 to 3 percent slopes	12.17	2.4%		2ft.	llw		120		42		48	65	58	65
18	Barry loam, 0 to 2 percent slopes	7.48	1.5%		0ft.	llw							74	74	61

Soils data provided by USDA and NRCS.

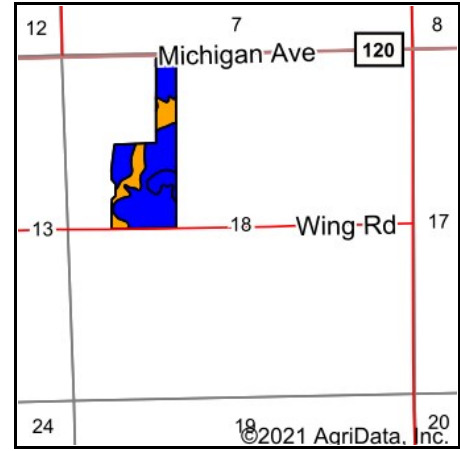
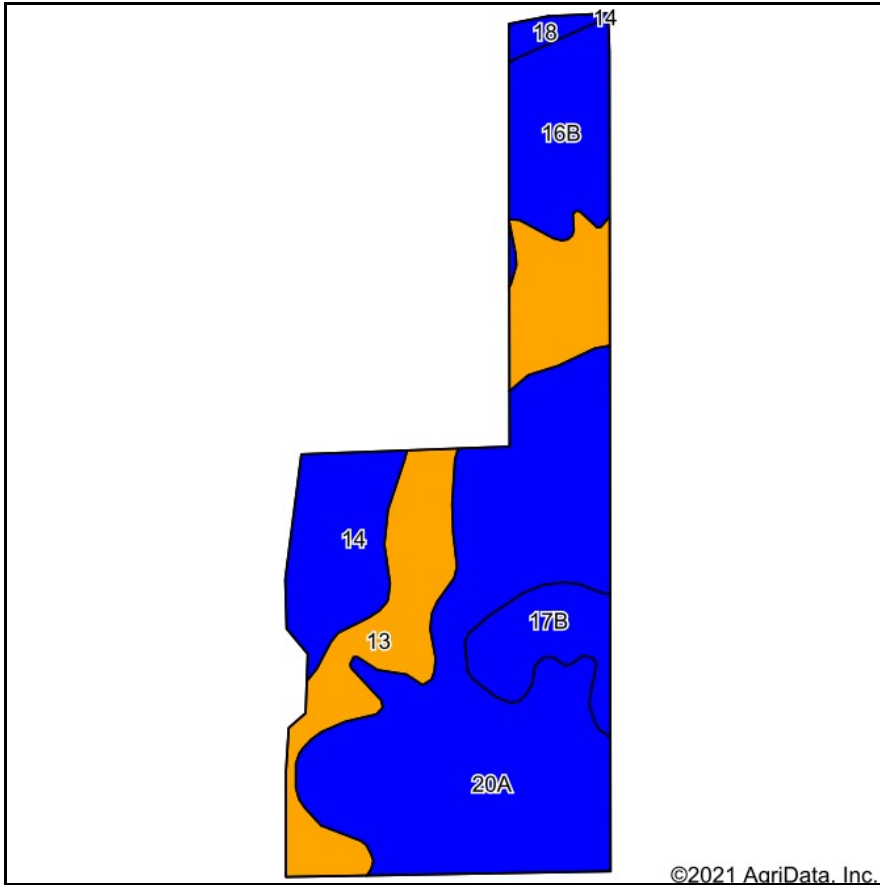


Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Water Table	Non-Irr Class *c	Irr Class *c	Corn Bu	Corn Irrigated Bu	Soybeans Bu	Soybeans Irrigated Bu	Winter wheat Bu	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Soybeans
10C	Hillsdale sandy loam, 6 to 12 percent slopes	7.33	1.4%		> 6.5ft.	lle	lle	85	165	32	50	35	65	65	55
28B	Riddles sandy loam, 2 to 6 percent slopes	4.74	0.9%		> 6.5ft.	lle		110		38		50	68	68	57
<b>Weighted Average</b>						<b>2.01</b>	<b>1.16</b>	<b>102.2</b>	<b>98.7</b>	<b>31.6</b>	<b>31.6</b>	<b>43.4</b>	<b>*n 67.8</b>	<b>*n 67.1</b>	<b>*n 56.6</b>

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

\*c: Using Capabilities Class Dominant Condition Aggregation Method

# Soils Map



State: **Michigan**  
 County: **St Joseph**  
 Location: **18-5S-9W**  
 Township: **Leonidas**  
 Acres: **38.54**  
 Date: **12/15/2021**



Soils data provided by USDA and NRCS.

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Area Symbol: MI149, Soil Area Version: 14

Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Water Table	Non-Irr Class *c	Irr Class *c	Corn Bu	Corn Irrigated Bu	Soybeans Bu	Soybeans Irrigated Bu	Winter wheat Bu	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Soybeans
20A	Bronson sandy loam, 0 to 3 percent slopes	19.04	49.4%		4.9ft.	Ils	Ils	100	170	30	55	40	66	66	44
13	Gilford sandy loam, 0 to 2 percent slopes, gravelly subsoil	8.27	21.5%		0ft.	IIIw		149		42		59	49	37	21
16B	Elmdale sandy loam, 1 to 6 percent slopes	4.07	10.6%		2.5ft.	Ile	Ile	95	170	27	55	40	64	64	51
14	Sebewa loam, 0 to 2 percent slopes	4.00	10.4%		0ft.	IIw							78	73	77
17B	Teasdale sandy loam, 0 to 4 percent slopes	2.68	7.0%		1.5ft.	IIw		115		33		50	74	72	60

Soils data provided by USDA and NRCS.



Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Water Table	Non-Irr Class *c	Irr Class *c	Corn Bu	Corn Irrigated Bu	Soybeans Bu	Soybeans Irrigated Bu	Winter wheat Bu	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Soybeans
18	Barry loam, 0 to 2 percent slopes	0.48	1.2%		2ft.	Ilw							74	74	61
<b>Weighted Average</b>						<b>2.21</b>	<b>1.20</b>	<b>99.4</b>	<b>101.9</b>	<b>29</b>	<b>33</b>	<b>40.1</b>	<b>*n 64</b>	<b>*n 60.8</b>	<b>*n 44.6</b>

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

\*c: Using Capabilities Class Dominant Condition Aggregation Method