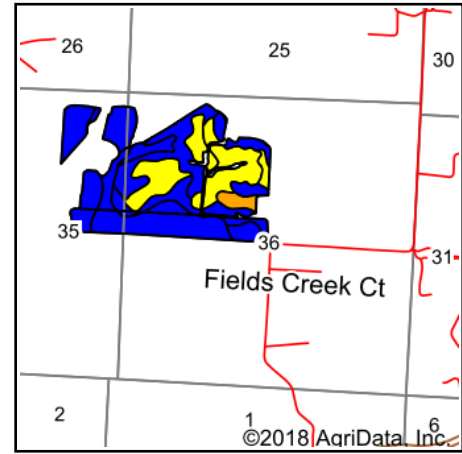
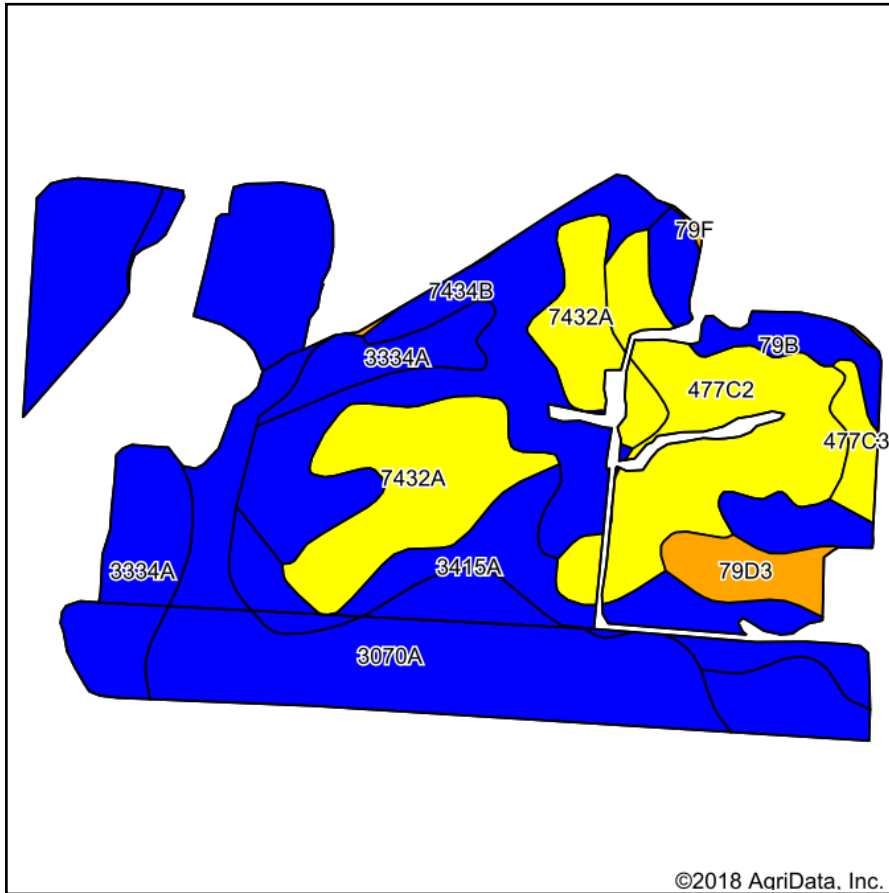


# Soils Map



State: **Illinois**  
 County: **Madison**  
 Location: **36-5N-8W**  
 Township: **Fort Russell**  
 Acres: **158.74**  
 Date: **4/24/2018**



Maps Provided By:



Soils data provided by USDA and NRCS.

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## Area Symbol: IL119, Soil Area Version: 12

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Soil Drainage	Corn Bu/A	Soybeans Bu/A	Crop productivity index for optimum management
3070A	Beaucoup silty clay loam, 0 to 2 percent slopes, frequently flooded	40.71	25.6%		Poorly drained	176	58	132
3334A	Birds silt loam, 0 to 2 percent slopes, frequently flooded	26.84	16.9%		Poorly drained	157	51	117
7434B	Ridgway silt loam, 2 to 5 percent slopes, rarely flooded	21.34	13.4%		Well drained	164	50	117
7432A	Geff silt loam, 0 to 2 percent slopes, rarely flooded	19.87	12.5%		Somewhat poorly drained	151	46	110
**477C2	Winfield silt loam, 5 to 10 percent slopes, eroded	19.75	12.4%		Moderately well drained	**151	**47	**111
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	14.90	9.4%		Somewhat poorly drained	180	57	131
**79B	Menfro silt loam, 2 to 5 percent slopes	8.61	5.4%		Well drained	**163	**50	**119
**79D3	Menfro silt loam, 10 to 18 percent slopes, severely eroded	4.24	2.7%		Well drained	**134	**41	**97
**477C3	Winfield silty clay loam, 5 to 10 percent slopes, severely eroded	2.21	1.4%		Moderately well drained	**139	**43	**102
**79F	Menfro silt loam, 18 to 35 percent slopes	0.27	0.2%		Well drained	**117	**36	**85
<b>Weighted Average</b>						<b>162.9</b>	<b>51.6</b>	<b>119.8</b>

**Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana.** Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site: <http://soilproductivity.nres.illinois.edu/>

\*\* Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

\*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.