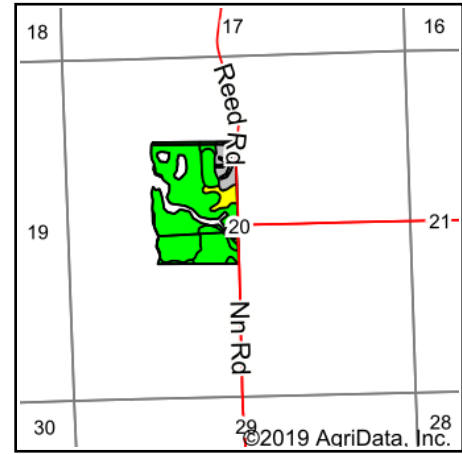
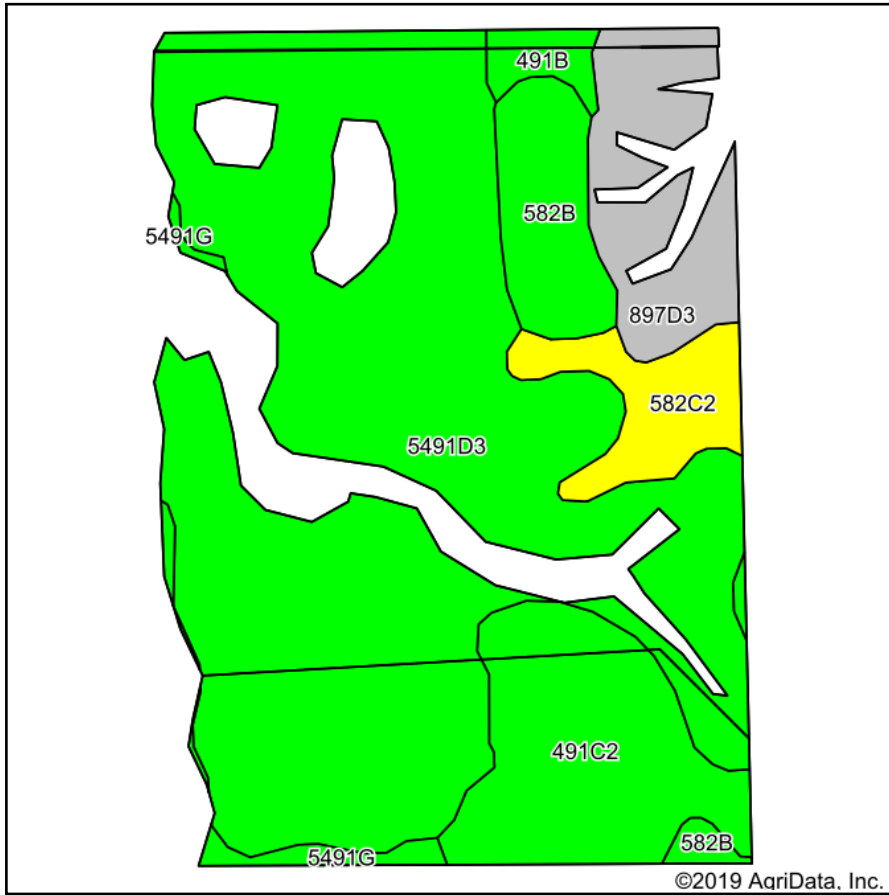


Soils Map



State: **Illinois**
 County: **Monroe**
 Location: **20-4S-9W**
 Township: **Precinct 9**
 Acres: **49.24**
 Date: **3/8/2019**



Soils data provided by USDA and NRCS.

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Area Symbol: IL133, Soil Area Version: 11

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Alfalfa ^d hay, T/A	Crop productivity index for optimum management
5491D3	Ruma silty clay loam, karst, 12 to 25 percent slopes, severely eroded	31.56	64.1%		162	48	60	4.89	116
**491C2	Ruma silt loam, 5 to 10 percent slopes, eroded	6.43	13.1%		**151	**45	**56	**4.55	**108
**897D3	Bunkum-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded	4.02	8.2%		**93	**32	**36	0.00	**72
**582B	Homen silt loam, 2 to 5 percent slopes	3.17	6.4%		**149	**47	**55	**3.72	**108
**582C2	Homen silt loam, 5 to 10 percent slopes, eroded	2.52	5.1%		**140	**44	**52	**3.50	**101
5491G	Ruma silt loam, karst, 25 to 60 percent slopes	0.79	1.6%		162	48	60	4.89	116
**491B	Ruma silt loam, 2 to 5 percent slopes	0.75	1.5%		**160	**48	**59	**4.84	**115
Weighted Average					152.9	46	56.8	4.30	110.1

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

^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

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

*c: Using Capabilities Class Dominant Condition Aggregation Method