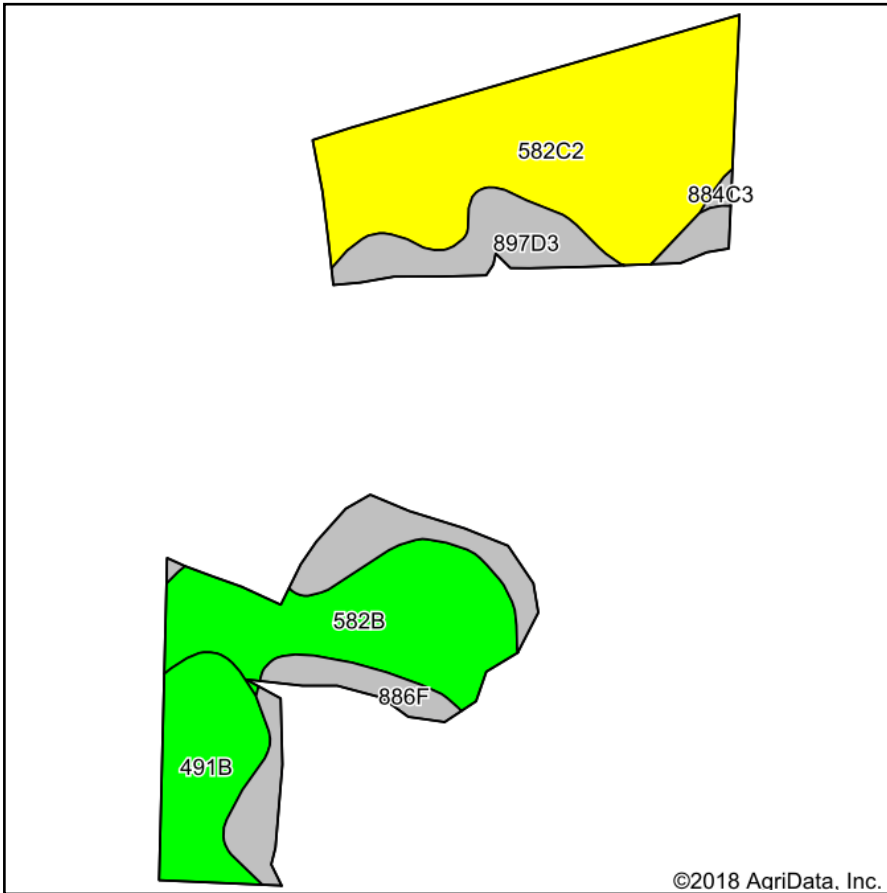
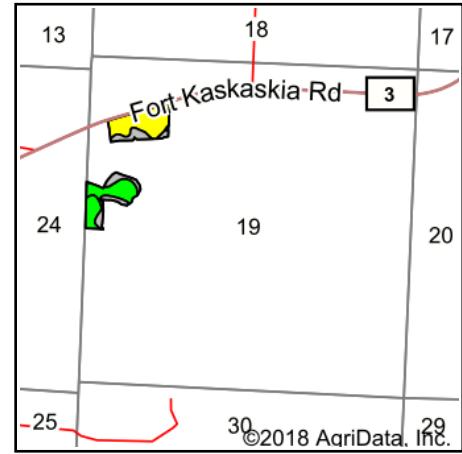


Soils Map



Soils data provided by USDA and NRCS.

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State: **Illinois**
 County: **Randolph**
 Location: **19-6S-6W**
 Township: **Palestine**
 Acres: **20.52**
 Date: **2/21/2018**



Area Symbol: IL157, 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 <i>d</i> hay, T/A	Crop productivity index for optimum management
**582C2	Homen silt loam, 5 to 10 percent slopes, eroded	8.39	40.9%	Yellow	**140	**44	**52	**3.50	**101
**582B	Homen silt loam, 2 to 5 percent slopes	4.58	22.3%	Green	**149	**47	**55	**3.72	**108
**886F	Ruma-Ursa silt loams, 18 to 35 percent slopes	2.91	14.2%	Grey	**97	**31	**37	0.00	**71
**491B	Ruma silt loam, 2 to 5 percent slopes	2.53	12.3%	Green	**160	**48	**59	**4.84	**115
**897D3	Bunkum-Atlas silty clay loams, 10 to 18 percent slopes, severely eroded	2.03	9.9%	Grey	**93	**32	**36	0.00	**72
**884C3	Bunkum-Coulterville silty clay loams, 5 to 10 percent slopes, severely eroded	0.08	0.4%	Grey	**110	**36	**41	0.00	**82
Weighted Average					133.6	42.1	49.8	2.86	97.1

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".

*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.