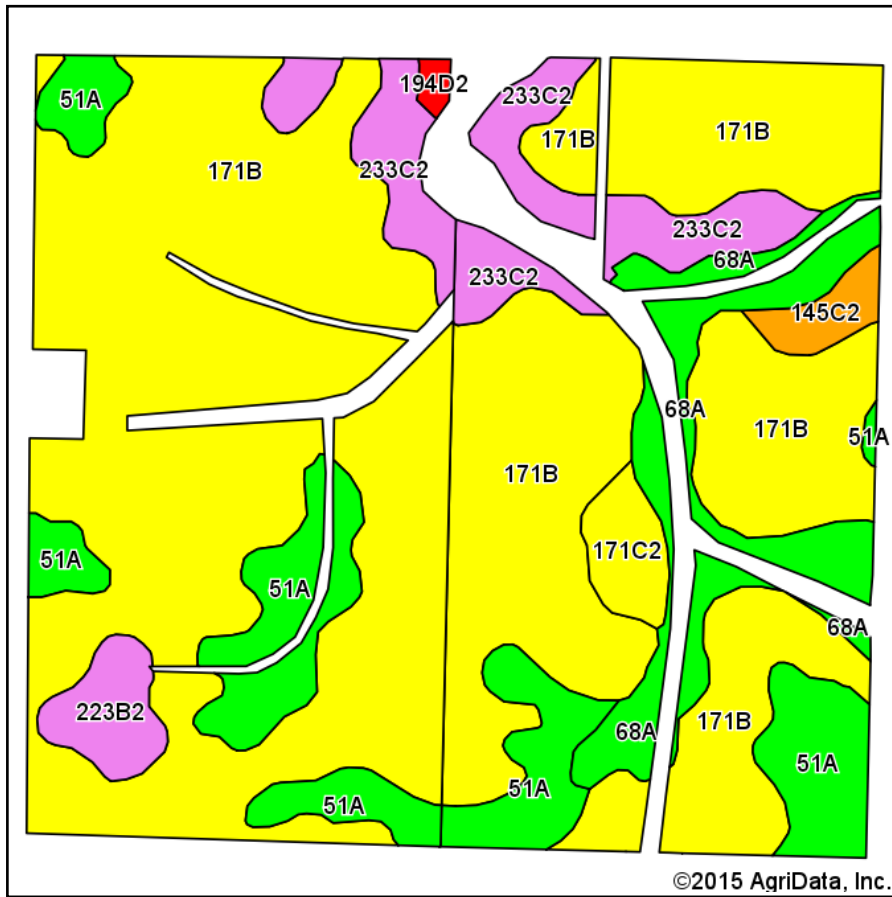
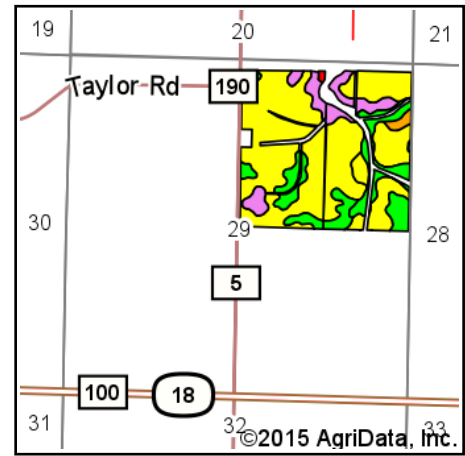


# Soil Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Putnam**  
 Location: **29-31N-1W**  
 Township: **Magnolia**  
 Acres: **138.66**  
 Date: **9/2/2015**



Maps Provided By:  
**surety**  
 CUSTOMIZED ONLINE MAPPING  
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## Area Symbol: IL155, Soil Area Version: 9

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management
**171B	Catlin silt loam, 2 to 5 percent slopes	96.02	69.2%		**185	**58	**72	**137
51A	Muscataune silt loam, 0 to 2 percent slopes	16.98	12.2%		200	64	75	147
**233C2	Birkbeck silt loam, 5 to 10 percent slopes, eroded	10.14	7.3%		**155	**48	**61	**113
68A	Sable silty clay loam, 0 to 2 percent slopes	8.74	6.3%		192	63	74	143
**223B2	Varna silty clay loam, 2 to 5 percent slopes, eroded	2.64	1.9%		**150	**48	**61	**110
**171C2	Catlin silt loam, 5 to 10 percent slopes, eroded	2.25	1.6%		**174	**55	**68	**128
**145C2	Saybrook silt loam, 5 to 10 percent slopes, eroded	1.53	1.1%		**166	**53	**64	**123
**194D2	Morley silty clay loam, 10 to 18 percent slopes, eroded	0.36	0.3%		**124	**42	**52	**93
Weighted Average					183.9	58	71.3	135.9

Area Symbol: IL155, Soil Area Version: 9

**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 (Updated 1/10/2012)

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site:

<https://www.ideals.illinois.edu/handle/2142/1027/>

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

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