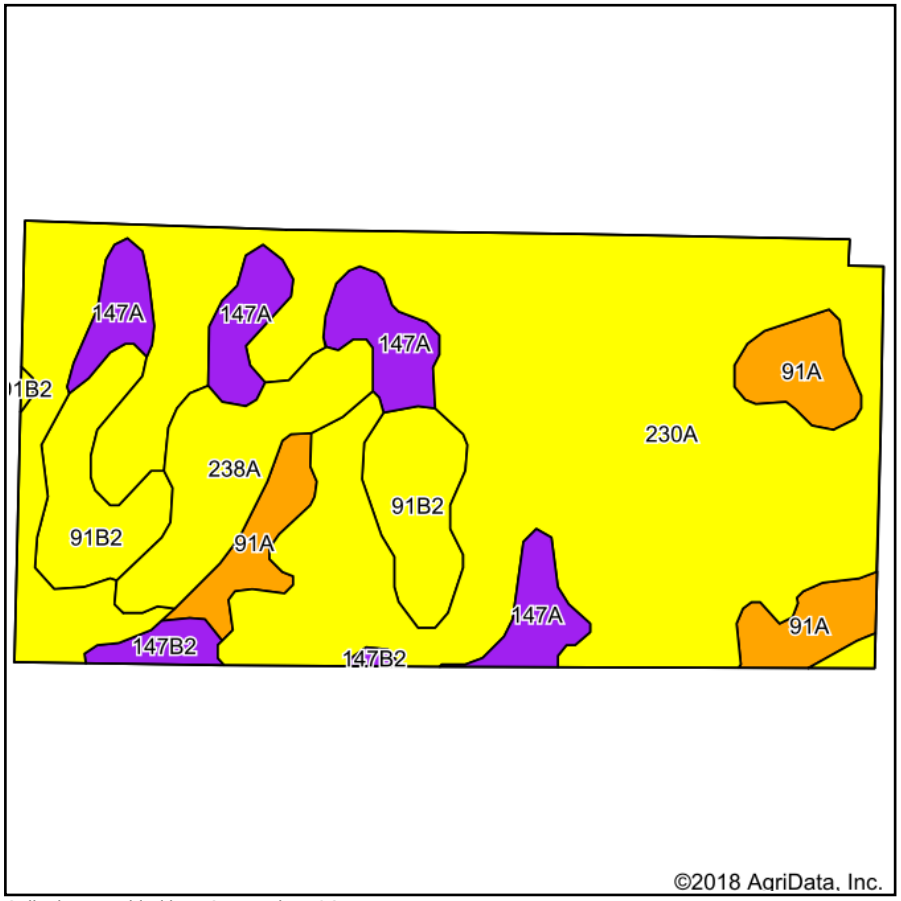
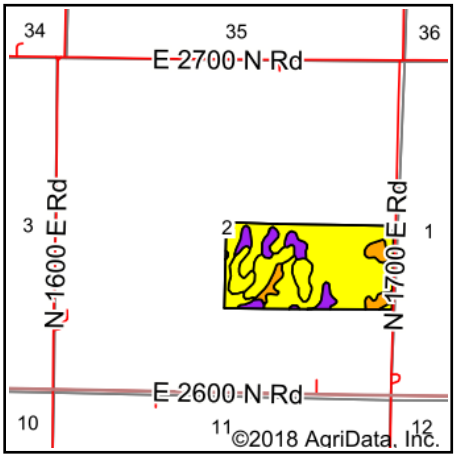
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Livingston**
Location: **2-29N-5E**
Township: **Esmen**
Acres: **79.61**
Date: **10/6/2018**

Maps Provided By:
surety CUSTOMIZED ONLINE MAPPING
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Area Symbol: IL105, Soil Area Version: 12

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting *a*	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A *b*	Sorghum *c* Bu/A	Alfalfa *d* hay, T/A	Grass-legume *e* hay, T/A	Crop productivity index for optimum management
230A	Rowe silty clay loam, 0 to 2 percent slopes	52.98	66.5%		FAV	148	49	59	70	0	0.00	4.26	111
**91B2	Swygert silty clay loam, 2 to 4 percent slopes, eroded	7.39	9.3%		UNF	**147	**48	**59	**73	0	0.00	**4.20	**110
147A	Clarence silty clay loam, 0 to 2 percent slopes	6.56	8.2%		UNF	140	49	59	65	0	0.00	4.39	107
91A	Swygert silty clay loam, 0 to 2 percent slopes	6.06	7.6%		UNF	158	52	63	79	0	0.00	4.52	118
238A	Rantoul silty clay, 0 to 2 percent slopes	5.53	6.9%		FAV	144	49	56	64	0	0.00	4.14	109
**147B2	Clarence silty clay loam, 2 to 4 percent slopes, eroded	1.09	1.4%		UNF	**130	**46	**55	**60	0	0.00	**4.08	**100
				Weighted Average		**147.5**	**49.1**	**59**	**70**	***-**	**0.00**	**4.27**	**110.8**

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
a UNF = unfavorable; FAV = favorable
b Soils in the southern region were not rated for oats and are shown with a zero "0".
c Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".
d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".
e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method