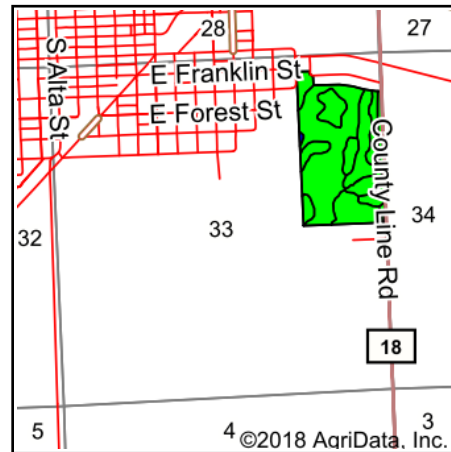
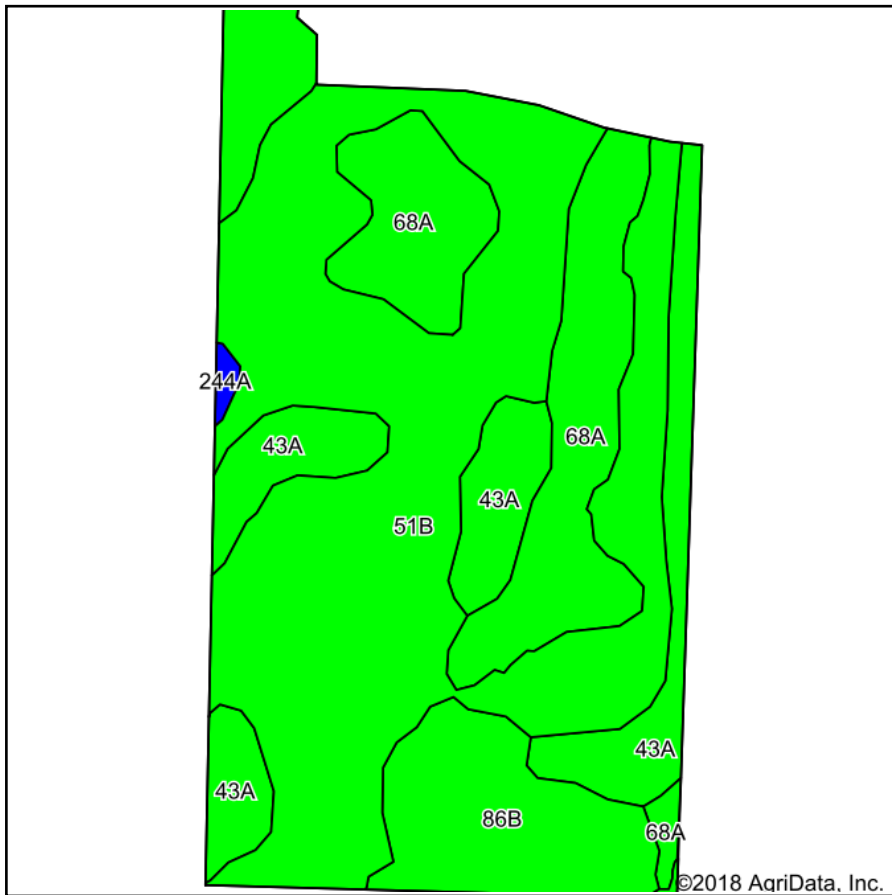
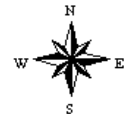


# Pleasant Plains - Ashland Cass Soils Map



State: **Illinois**  
 County: **Cass**  
 Location: **33-17N-8W**  
 Township: **Ashland**  
 Acres: **67.35**  
 Date: **7/10/2018**



Area Symbol: IL017, Soil Area Version: 13

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Alfalfa <sup>d</sup> hay, T/A	Grass-legume <sup>e</sup> hay, T/A	Crop productivity index for optimum management
**51B	Muscatune silt loam, 2 to 5 percent slopes	35.45	52.6%		FAV	**198	**63	**74	**103	**137	0.00	**5.96	**146
68A	Sable silty clay loam, 0 to 2 percent slopes	14.48	21.5%		FAV	192	63	74	99	0	0.00	5.77	143
43A	Ipava silt loam, 0 to 2 percent slopes	10.47	15.5%		FAV	191	62	77	100	0	0.00	5.90	142
**86B	Osco silt loam, 2 to 5 percent slopes	6.72	10.0%		FAV	**189	**59	**74	**101	0	**6.83	0.00	**140
244A	Hartsburg silty clay loam, 0 to 2 percent slopes	0.23	0.3%		FAV	182	59	68	89	0	0.00	5.39	134
<b>Weighted Average</b>						<b>194.7</b>	<b>62.4</b>	<b>74.4</b>	<b>101.4</b>	<b>72.1</b>	<b>0.68</b>	<b>5.31</b>	<b>144.1</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

<sup>a</sup> UNF = unfavorable; FAV = favorable

<sup>b</sup> Soils in the southern region were not rated for oats and are shown with a zero "0".

<sup>c</sup> Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

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

<sup>e</sup> Soils in the well drained group were not rated for grass-legume 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