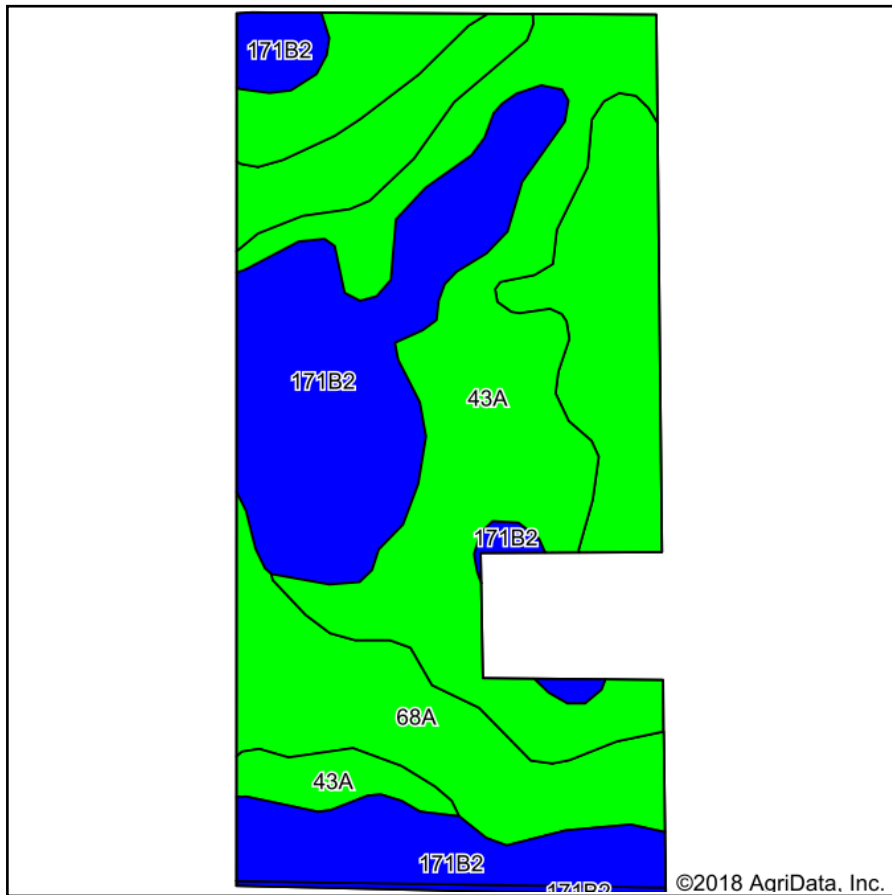
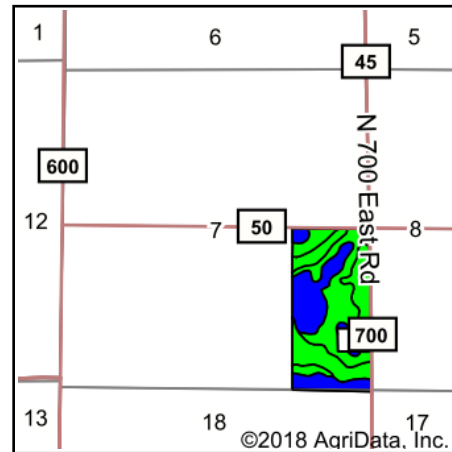


Pleasant Plains - Waynesville Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **McLean**
 Location: **7-21N-1E**
 Township: **Funks Grove**
 Acres: **75.33**
 Date: **7/10/2018**



Area Symbol: IL039, Soil Area Version: 9
 Area Symbol: IL113, Soil Area Version: 13

| 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 |
|-------------------------|---|-------|------------------|-------------------------------------|------------------------------|--------------|---------------|-------------|------------------------|---------------------------|-------------------------------|------------------------------------|--|
| 43A | Ipava silt loam, 0 to 2 percent slopes | 27.80 | 36.9% | | FAV | 191 | 62 | 77 | 100 | 0 | 0.00 | 5.90 | 142 |
| 68A | Sable silty clay loam, 0 to 2 percent slopes | 23.74 | 31.5% | | FAV | 192 | 63 | 74 | 99 | 0 | 0.00 | 5.77 | 143 |
| **171B2 | Catlin silt loam, 2 to 5 percent slopes, eroded | 23.20 | 30.8% | | FAV | **178 | **56 | **69 | **94 | 0 | **6.43 | 0.00 | **131 |
| **171B2 | Catlin silt loam, 2 to 5 percent slopes, eroded | 0.59 | 0.8% | | FAV | **178 | **56 | **69 | **94 | 0 | **6.43 | 0.00 | **131 |
| Weighted Average | | | | | | 187.2 | 60.4 | 73.5 | 97.8 | *- | 2.03 | 4.00 | 138.8 |

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".

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