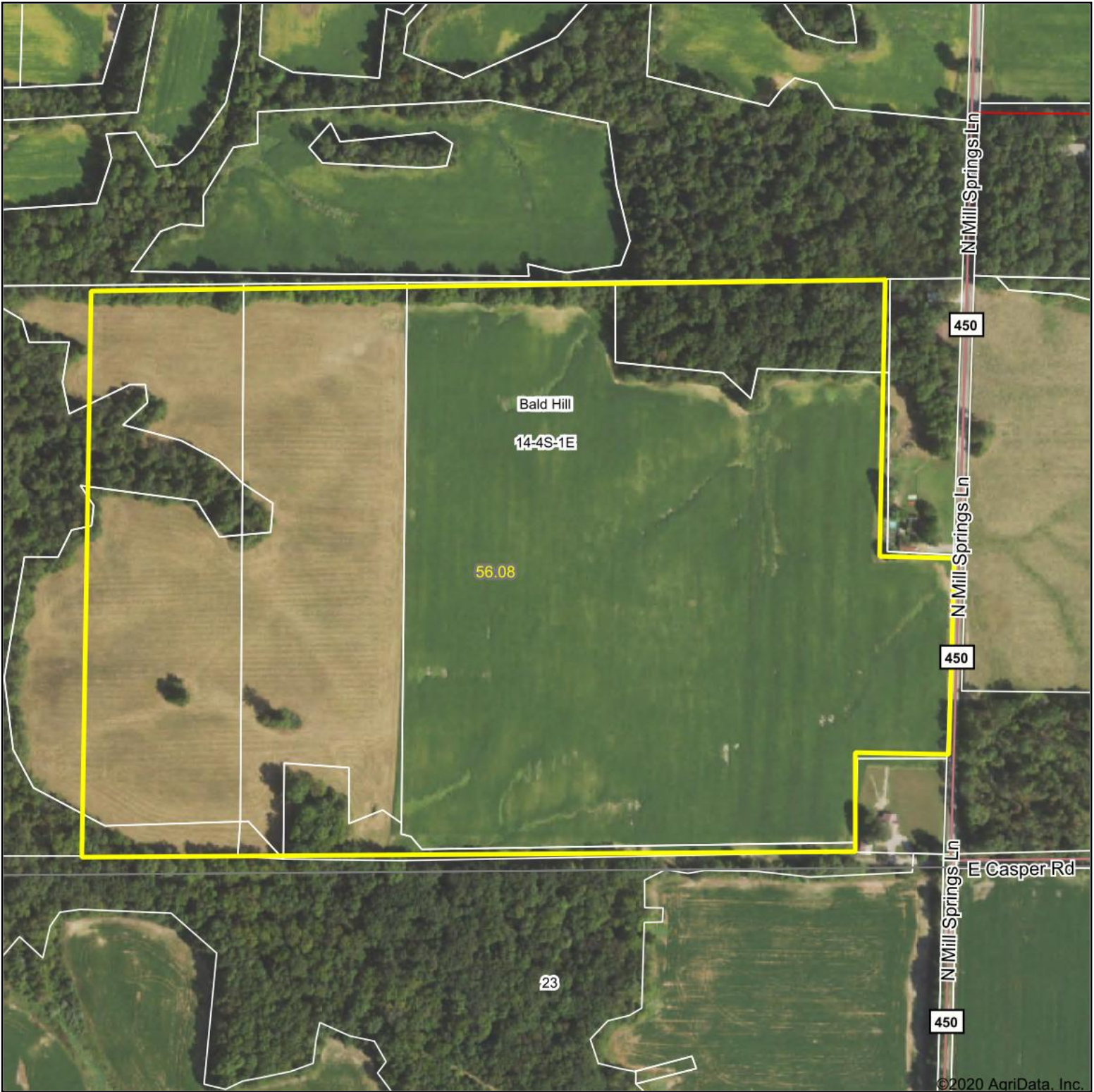


# Aerial Map



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Map Center: 38° 10' 13.11, -89° 4' 16.04



**14-4S-1E**  
**Jefferson County**  
**Illinois**



9/16/2020



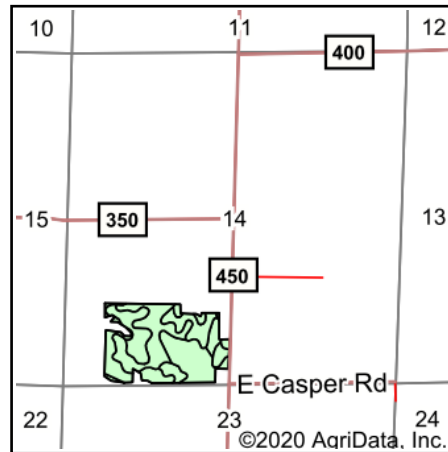
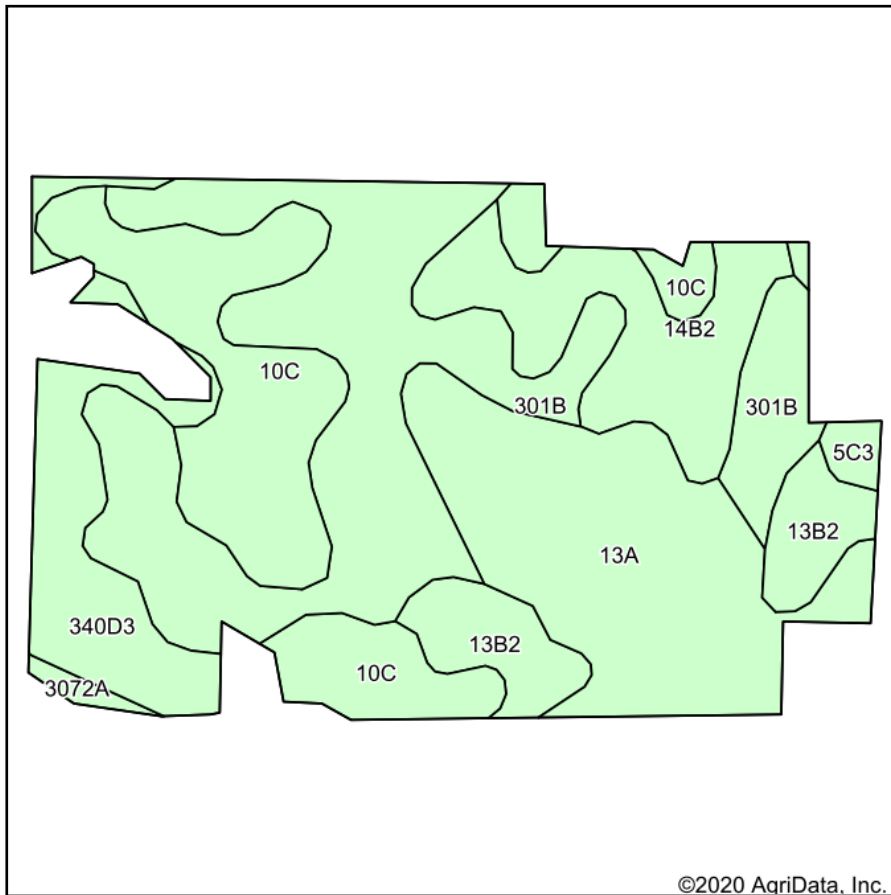
Maps Provided By:



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Field borders provided by Farm Service Agency as of 5/21/2008.

# Soils Map



State: **Illinois**  
 County: **Jefferson**  
 Location: **14-4S-1E**  
 Township: **Bald Hill**  
 Acres: **49.63**  
 Date: **9/16/2020**



Soils data provided by USDA and NRCS.

Area Symbol: IL081. Soil Area Version: 13									
Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
**301B	Grantsburg silt loam, 2 to 5 percent slopes	15.03	30.3%		**133	**46	**54	0.00	**101
13A	Bluford silt loam, 0 to 2 percent slopes	10.52	21.2%		136	44	55	3.39	101
**10C	Plumfield silty clay loam, 5 to 10 percent slopes	9.76	19.7%		**103	**34	**39	**3.37	**78
**14B2	Ava silt loam, 2 to 5 percent slopes, eroded	5.35	10.8%		**126	**41	**51	0.00	**93
**340D3	Zanesville silt loam, till plain, 10 to 18 percent slopes, severely eroded	4.78	9.6%		**86	**30	**37	**2.68	**65
**13B2	Bluford silt loam, 2 to 5 percent slopes, eroded	3.37	6.8%		**129	**42	**52	**3.22	**96
**5C3	Blair silty clay loam, 5 to 10 percent slopes, severely eroded	0.52	1.0%		**102	**33	**41	**3.25	**77
3072A	Sharon silt loam, 0 to 2 percent slopes, frequently flooded	0.30	0.6%		164	53	63	0.00	122
<b>Weighted Average</b>					<b>122</b>	<b>40.8</b>	<b>49.1</b>	<b>1.89</b>	<b>91.7</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/>

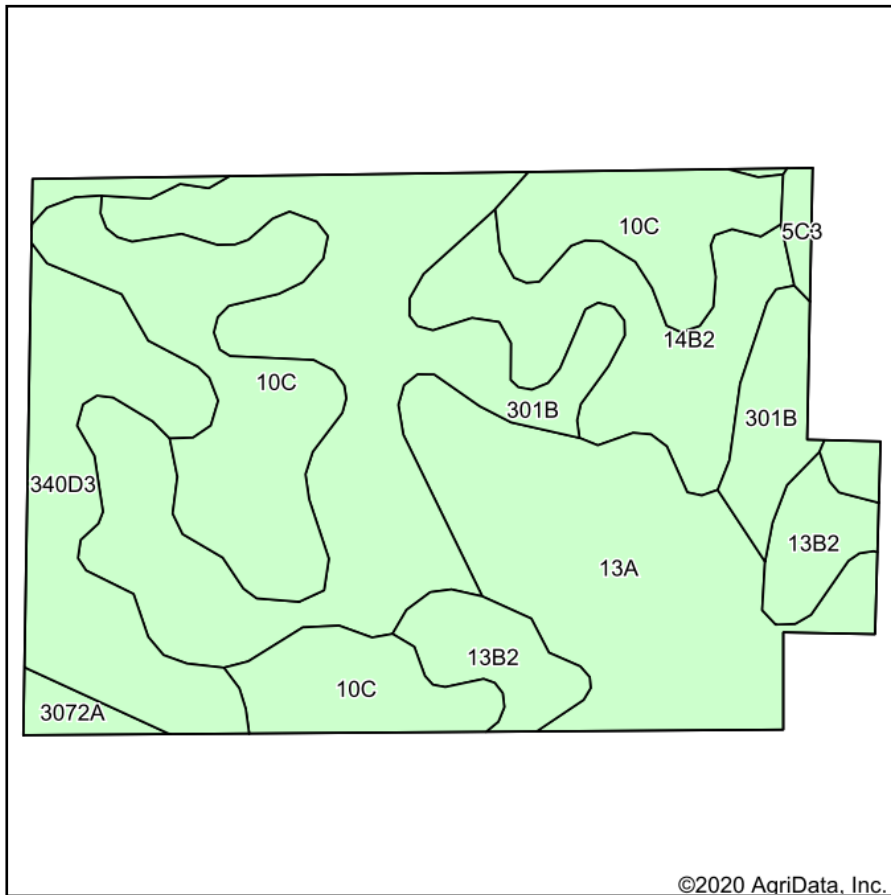
\*\* Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

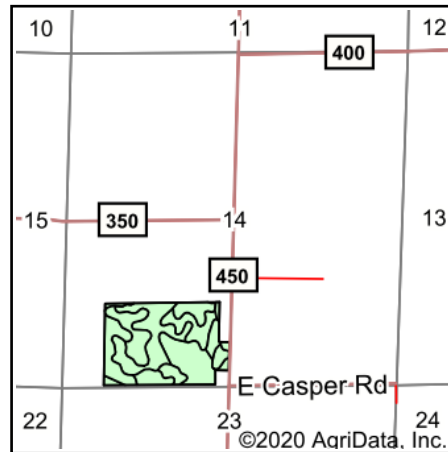
\*c: Using Capabilities Class Dominant Condition Aggregation Method

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

# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Jefferson**  
 Location: **14-4S-1E**  
 Township: **Bald Hill**  
 Acres: **56.08**  
 Date: **9/16/2020**



Area Symbol: IL081. Soil Area Version: 13									
Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
**301B	Grantsburg silt loam, 2 to 5 percent slopes	15.76	28.1%		**133	**46	**54	0.00	**101
**10C	Plumfield silty clay loam, 5 to 10 percent slopes	12.57	22.4%		**103	**34	**39	**3.37	**78
13A	Bluford silt loam, 0 to 2 percent slopes	10.57	18.8%		136	44	55	3.39	101
**340D3	Zanesville silt loam, till plain, 10 to 18 percent slopes, severely eroded	6.78	12.1%		**86	**30	**37	**2.68	**65
**14B2	Ava silt loam, 2 to 5 percent slopes, eroded	5.63	10.0%		**126	**41	**51	0.00	**93
**13B2	Bluford silt loam, 2 to 5 percent slopes, eroded	3.37	6.0%		**129	**42	**52	**3.22	**96
**5C3	Blair silty clay loam, 5 to 10 percent slopes, severely eroded	0.78	1.4%		**102	**33	**41	**3.25	**77
3072A	Sharon silt loam, 0 to 2 percent slopes, frequently flooded	0.62	1.1%		164	53	63	0.00	122
<b>Weighted Average</b>					<b>120.1</b>	<b>40.2</b>	<b>48.3</b>	<b>1.96</b>	<b>90.3</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/>

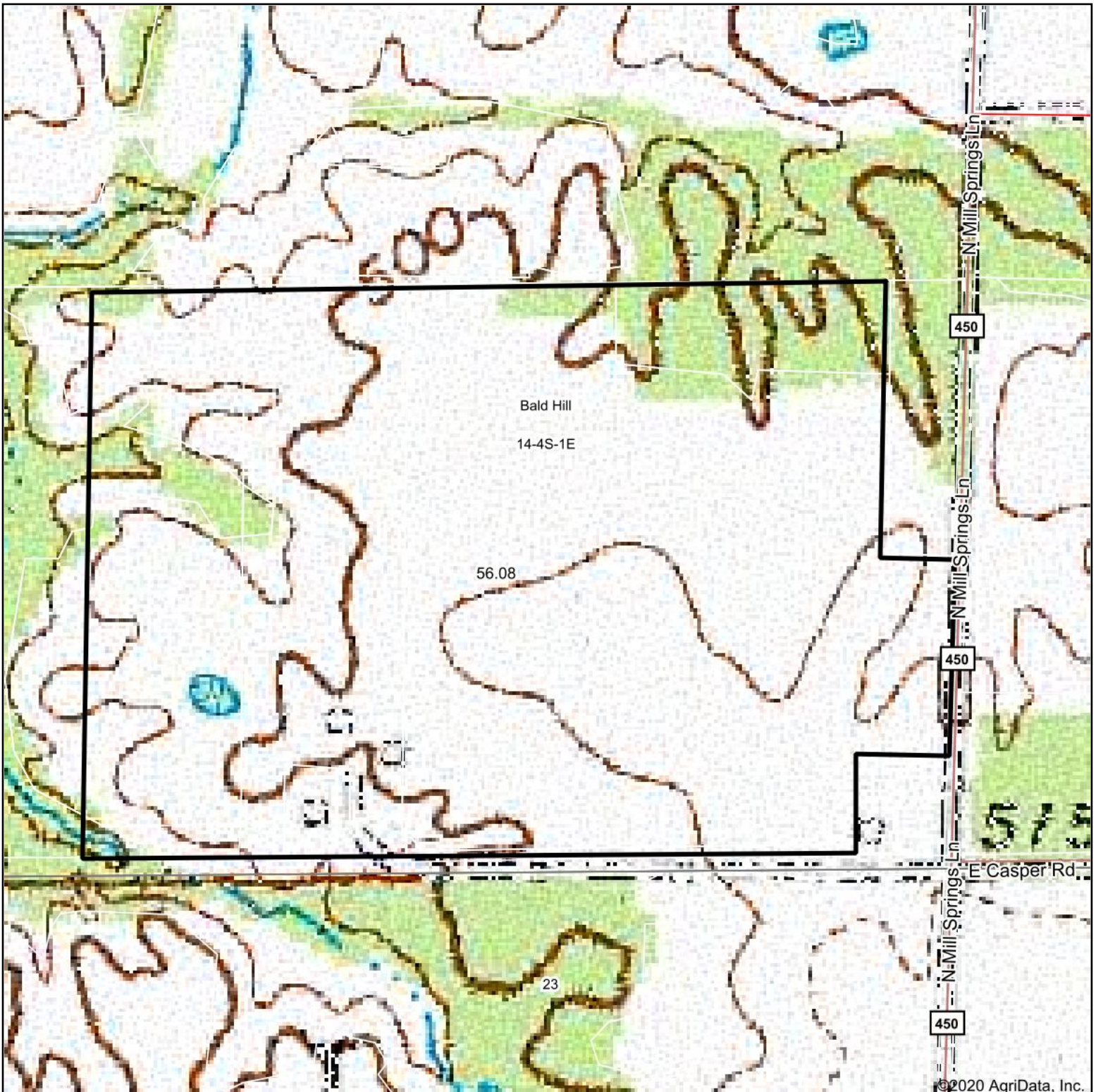
\*\* Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

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

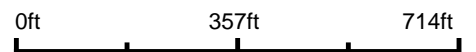
Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

# Topography Map

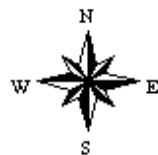


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map center: 38° 10' 13.11, -89° 4' 16.04



**14-4S-1E**  
**Jefferson County**  
**Illinois**



9/16/2020



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Field borders provided by Farm Service Agency as of 5/21/2008.