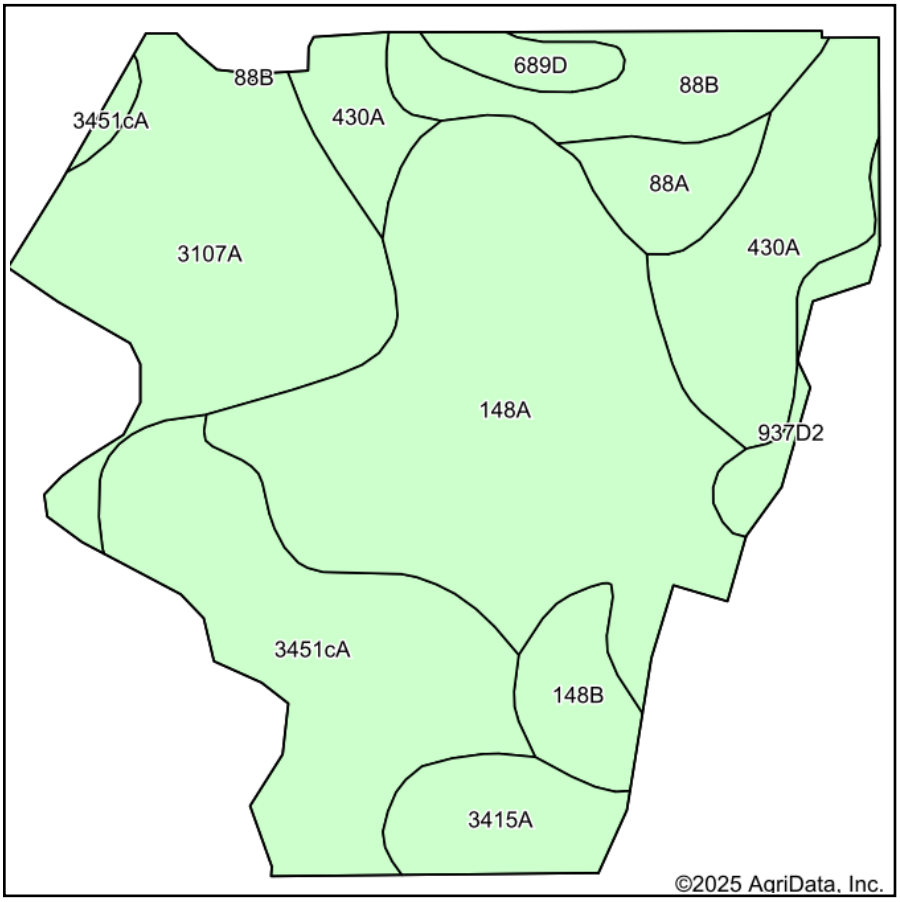
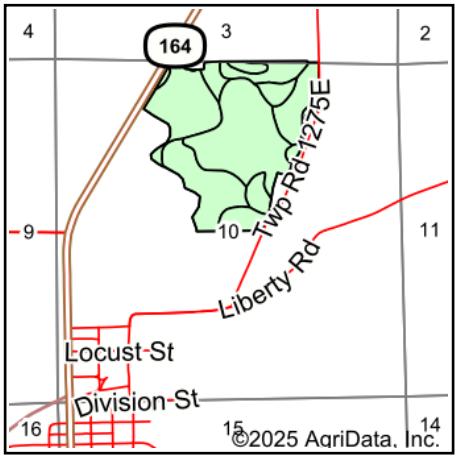
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henderson**
Location: **10-10N-5W**
Township: **Gladstone**
Acres: **117.39**
Date: **7/30/2025**

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N W E S

Area Symbol: IL071, Soil Area Version: 26

Code	Soil Description	Acres	Percent of field	Subsoil rooting *a*	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A *b*	Sorghum *c* Bu/A	Grass-legume *e* hay, T/A	Crop productivity index for optimum management
148A	Proctor silt loam, 0 to 2 percent slopes	37.01	31.5%	FAV	185	58	70	99	0	6.00	135
**3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	21.48	18.3%	FAV	**170	**54	**64	**88	**1	**5.00	**125
**3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	20.35	17.3%	FAV	**171	**55	**66	**87	0	**5.00	**126
430A	Raddle silt loam, 0 to 2 percent slopes	14.24	12.1%	FAV	189	59	73	97	0	7.00	138
**88B	Sparta loamy sand, Illinois till plain, 2 to 6 percent slopes	7.18	6.1%	FAV	**116	**40	**49	**56	0	**4.00	**89
**3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	5.47	4.7%	FAV	**162	**51	**59	**80	0	**5.00	**118
**148B	Proctor silt loam, 2 to 5 percent slopes	4.07	3.5%	FAV	**183	**57	**69	**98	0	**6.00	**134
**88A	Sparta loamy sand, Illinois till plain, 0 to 2 percent slopes	3.54	3.0%	FAV	**118	**41	**50	**57	0	**4.00	**91
**937D2	Seaton-Hickory silt loams, 10 to 18 percent slopes, eroded	2.18	1.9%	FAV	**126	**40	**51	**63	0	**4.00	**94

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

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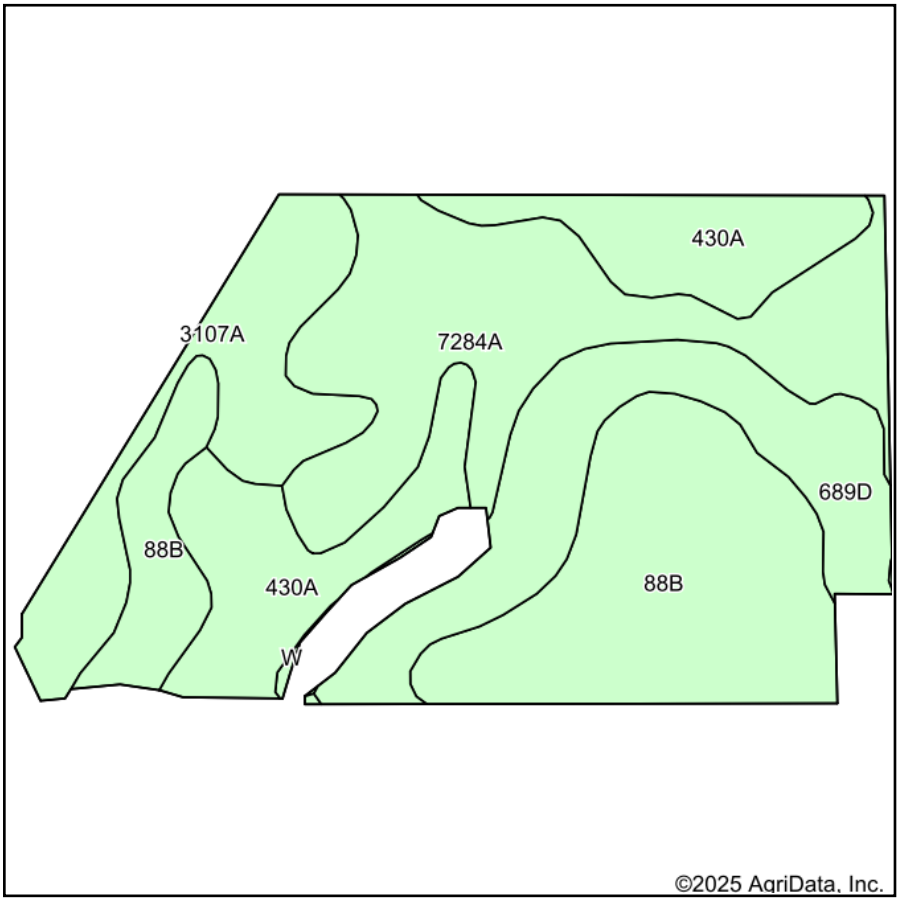
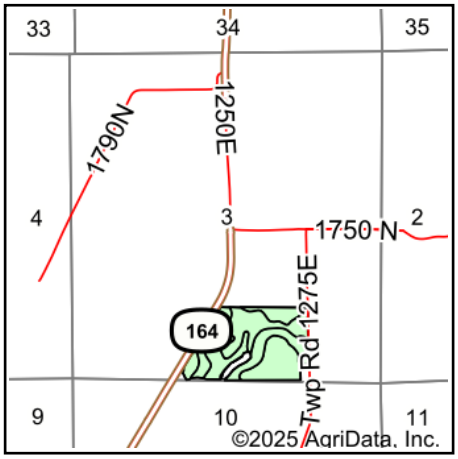
Code	Soil Description	Acres	Percent of field	Subsoil rooting ***a***	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ***b***	Sorghum ***c*** Bu/A	Grass-legume ***e*** hay, T/A	Crop productivity index for optimum management
**689D	Coloma sand, 7 to 15 percent slopes	1.87	1.6%	FAV	**95	**30	**43	**49	0	**3.00	**71
				Weighted Average	**170.4**	**54.1**	**65.4**	**88.4**	**0.2**	**5.5**	**125.2**

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture. Publication Date: 01-28-2025
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809
** Base indexes from Bulletin 811 adjusted for slope, erosion, flooding, and surface texture according to the Il. Soils EFOTG
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".
e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henderson**
Location: **3-10N-5W**
Township: **Gladstone**
Acres: **52.38**
Date: **7/30/2025**

Maps Provided By:
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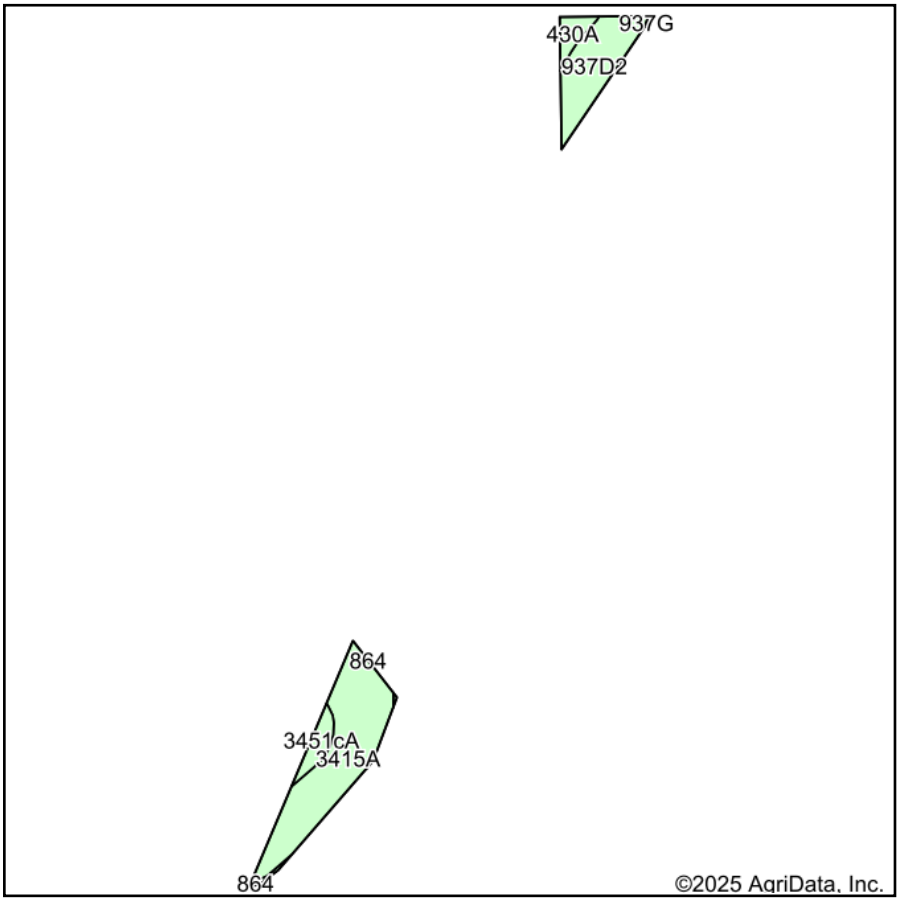
N W E S

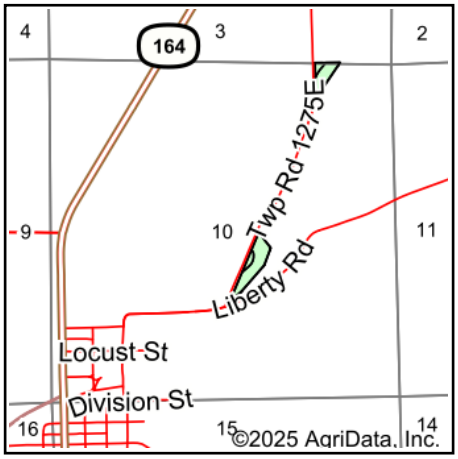
Area Symbol: IL071, Soil Area Version: 26											
Code	Soil Description	Acres	Percent of field	Subsoil rooting ***a***	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ***b***	Sorghum ***c*** Bu/A	Grass-legume ***e*** hay, T/A	Crop productivity index for optimum management
**88B	Sparta loamy sand, Illinois till plain, 2 to 6 percent slopes	14.82	28.4%	FAV	**116	**40	**49	**56	0	**4.00	**89
**7284A	Tice silt loam, 0 to 2 percent slopes, rarely flooded	12.75	24.3%	FAV	**184	**57	**70	**95	0	**6.00	**134
430A	Raddle silt loam, 0 to 2 percent slopes	9.64	18.4%	FAV	189	59	73	97	0	7.00	138
**689D	Coloma sand, 7 to 15 percent slopes	8.34	15.9%	FAV	**95	**30	**43	**49	0	**3.00	**71
**3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	6.72	12.8%	FAV	**170	**54	**64	**88	**1	**5.00	**125
W	Water	0.11	0.2%								
			Weighted Average		**149.3**	**47.8**	**59.4**	**75.9**	**0.1**	**5**	**110.5**

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture. Publication Date: 01-28-2025
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809
** Base indexes from Bulletin 811 adjusted for slope, erosion, flooding, and surface texture according to the Il. Soils EFOTG
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".
e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henderson**
Location: **10-10N-5W**
Township: **Gladstone**
Acres: **7.35**
Date: **7/30/2025**

Maps Provided By:
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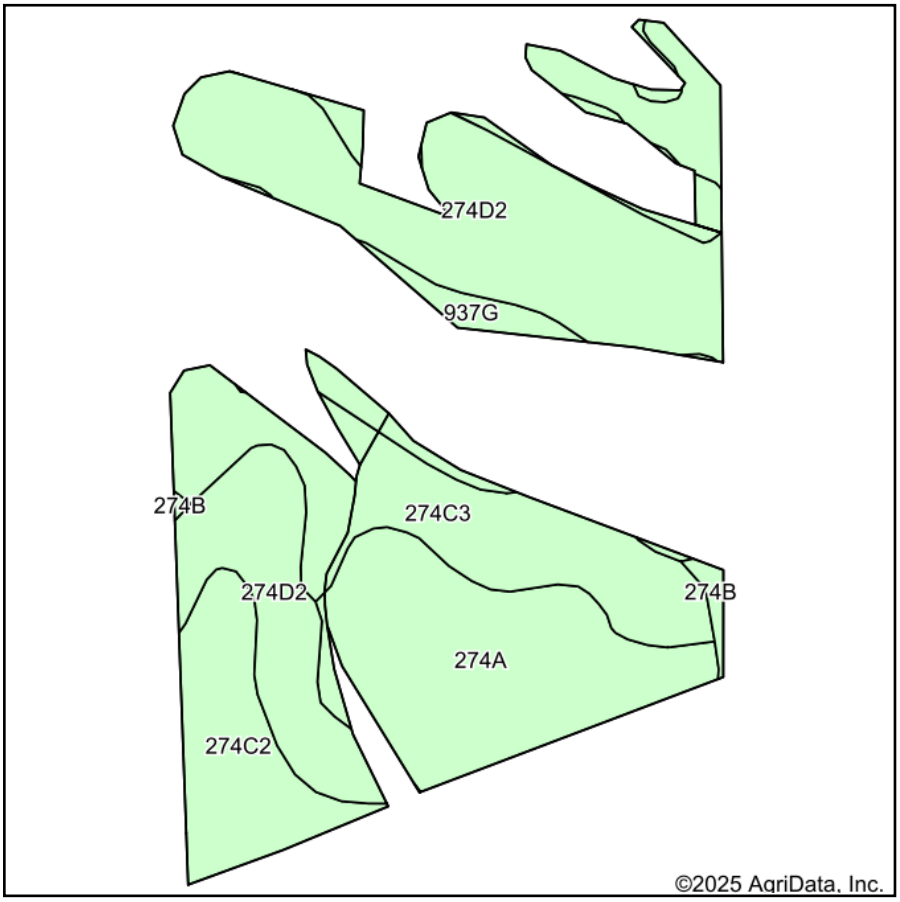
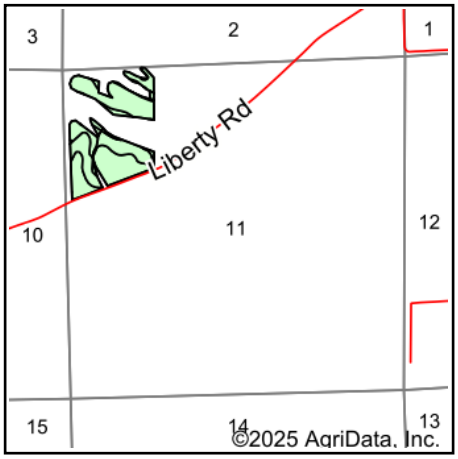
Area Symbol: IL071, Soil Area Version: 26											
Code	Soil Description	Acres	Percent of field	Subsoil rooting ***a***	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ***b***	Sorghum ***c*** Bu/A	Grass-legume ***e*** hay, T/A	Crop productivity index for optimum management
**3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	4.35	59.3%	FAV	**162	**51	**59	**80	0	**5.00	**118
**937D2	Seaton-Hickory silt loams, 10 to 18 percent slopes, eroded	2.12	28.8%	FAV	**126	**40	**51	**63	0	**4.00	**94
**3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	0.48	6.5%	FAV	**171	**55	**66	**87	0	**5.00	**126
430A	Raddle silt loam, 0 to 2 percent slopes	0.40	5.4%	FAV	189	59	73	97	0	7.00	138
				Weighted Average	**153.7**	**48.5**	**57.9**	**76.5**	*-	**4.8**	**112.7**

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture. Publication Date: 01-28-2025
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809
** Base indexes from Bulletin 811 adjusted for slope, erosion, flooding, and surface texture according to the Il. Soils EFOTG
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".
e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henderson**
Location: **11-10N-5W**
Township: **Gladstone**
Acres: **34.64**
Date: **7/30/2025**

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N W E S

Area Symbol: IL071, Soil Area Version: 26											
Code	Soil Description	Acres	Percent of field	Subsoil rooting ***a***	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ***b***	Sorghum ***c*** Bu/A	Grass-legume ***e*** hay, T/A	Crop productivity index for optimum management
**274D2	Seaton silt loam, 10 to 18 percent slopes, eroded	14.36	41.4%	FAV	**144	**44	**56	**74	0	**4.00	**104
274A	Seaton silt loam, 0 to 2 percent slopes	7.66	22.1%	FAV	166	51	64	85	0	5.00	120
**274C3	Seaton silt loam, 5 to 10 percent slopes, severely eroded	6.52	18.8%	FAV	**143	**44	**55	**73	0	**4.00	**103
**274C2	Seaton silt loam, 5 to 10 percent slopes, eroded	3.76	10.9%	FAV	**154	**47	**60	**79	0	**4.00	**112
**937G	Seaton-Hickory silt loams, 35 to 60 percent slopes	2.08	6.0%	FAV	**68	**22	**27	**34	0	**2.00	**51
**274B	Seaton silt loam, 2 to 5 percent slopes	0.26	0.8%	FAV	**164	**50	**63	**84	0	**5.00	**119
				Weighted Average	**145.3**	**44.6**	**56.3**	**74.5**	*-	**4.1**	**105.1**

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture. Publication Date: 01-28-2025
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809
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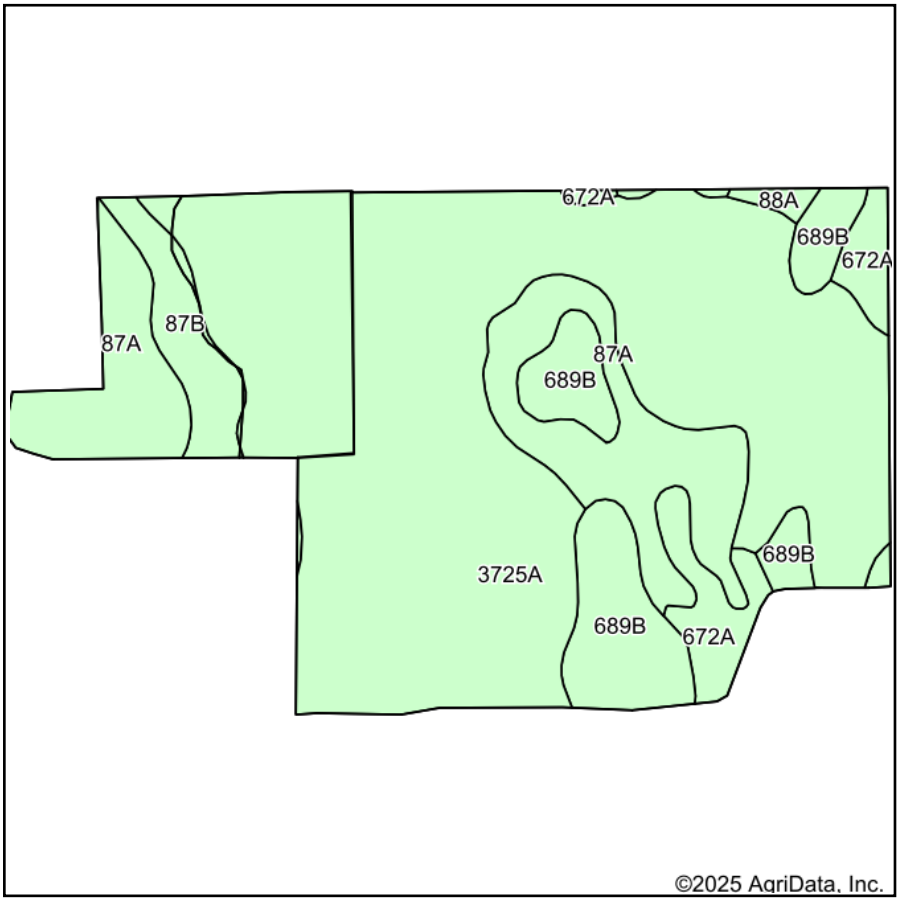
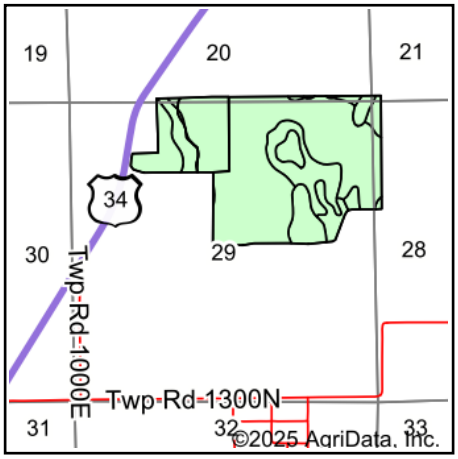
c Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".
e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henderson**
Location: **29-10N-5W**
Township: **Gladstone**
Acres: **198.47**
Date: **7/30/2025**

STEFFES

Maps Provided By:
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N W E S

Area Symbol: IL071, Soil Area Version: 26

Code	Soil Description	Acres	Percent of field	Subsoil rooting *a*	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A *b*	Sorghum *c* Bu/A	Grass-legume *e* hay, T/A	Crop productivity index for optimum management
**3725A	Otter-Lawson silt loams, 0 to 2 percent slopes, frequently flooded	129.14	65.2%	FAV	**167	**55	**64	**84	0	**5.00	**125
**87A	Dickinson sandy loam, 0 to 2 percent slopes	31.24	15.7%	FAV	**142	**46	**55	**73	0	**3.00	**103
**689B	Coloma sand, 1 to 7 percent slopes	20.14	10.1%	FAV	**99	**31	**45	**51	0	**4.00	**74
**672A	Cresent loam, 0 to 2 percent slopes	9.37	4.7%	FAV	**158	**51	**64	**83	0	**5.00	**117
**87B	Dickinson sandy loam, 2 to 5 percent slopes	7.62	3.8%	FAV	**141	**46	**54	**72	0	**3.00	**102
**88A	Sparta loamy sand, Illinois till plain, 0 to 2 percent slopes	0.96	0.5%	FAV	**118	**41	**50	**57	0	**4.00	**91
				Weighted Average	**154.5**	**50.5**	**60.2**	**78.3**	*-	**4.5**	**114.9**

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture. Publication Date: 01-28-2025
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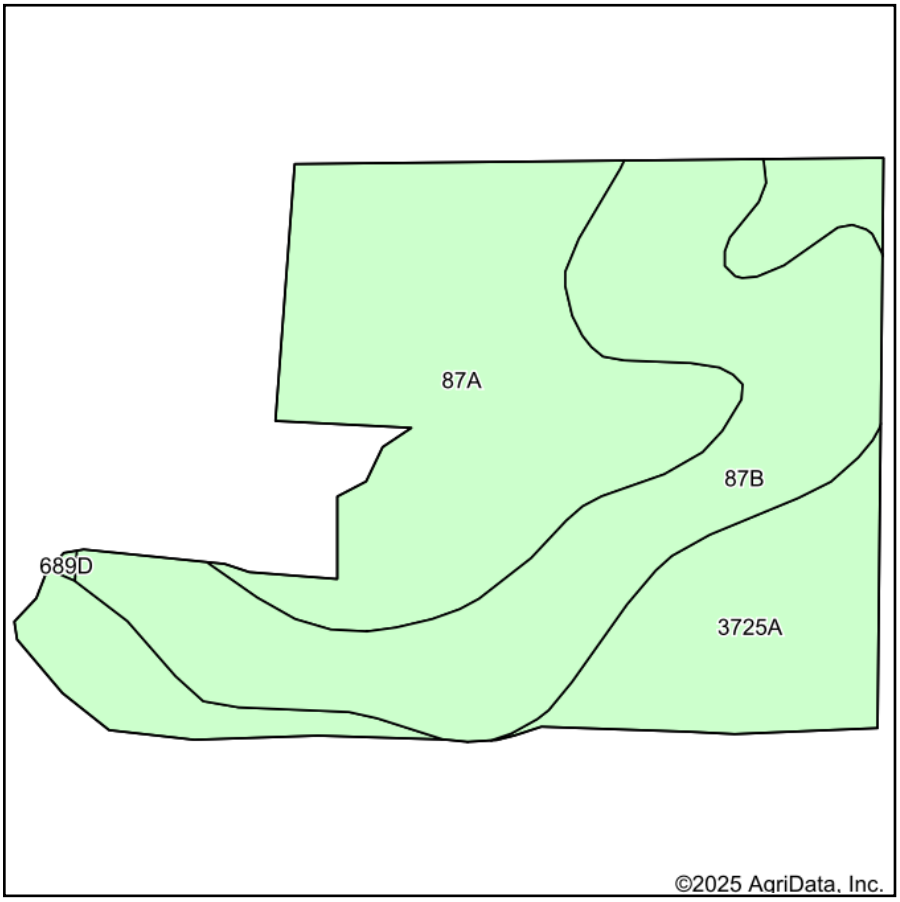
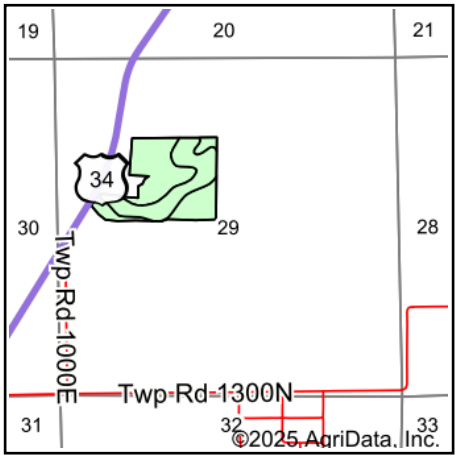
c Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".
e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henderson**
Location: **29-10N-5W**
Township: **Gladstone**
Acres: **42.91**
Date: **7/30/2025**

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N W E S

Area Symbol: IL071, Soil Area Version: 26

Code	Soil Description	Acres	Percent of field	Subsoil rooting *a*	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A *b*	Sorghum *c* Bu/A	Grass-legume *e* hay, T/A	Crop productivity index for optimum management
**87B	Dickinson sandy loam, 2 to 5 percent slopes	16.05	37.4%	FAV	**141	**46	**54	**72	0	**3.00	**102
**87A	Dickinson sandy loam, 0 to 2 percent slopes	15.90	37.1%	FAV	**142	**46	**55	**73	0	**3.00	**103
**3725A	Otter-Lawson silt loams, 0 to 2 percent slopes, frequently flooded	10.90	25.4%	FAV	**167	**55	**64	**84	0	**5.00	**125
**689D	Coloma sand, 7 to 15 percent slopes	0.06	0.1%	FAV	**95	**30	**43	**49	0	**3.00	**71
				Weighted Average	**147.9**	**48.3**	**56.9**	**75.4**	*-	**3.5**	**108.2**

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture. Publication Date: 01-28-2025
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809
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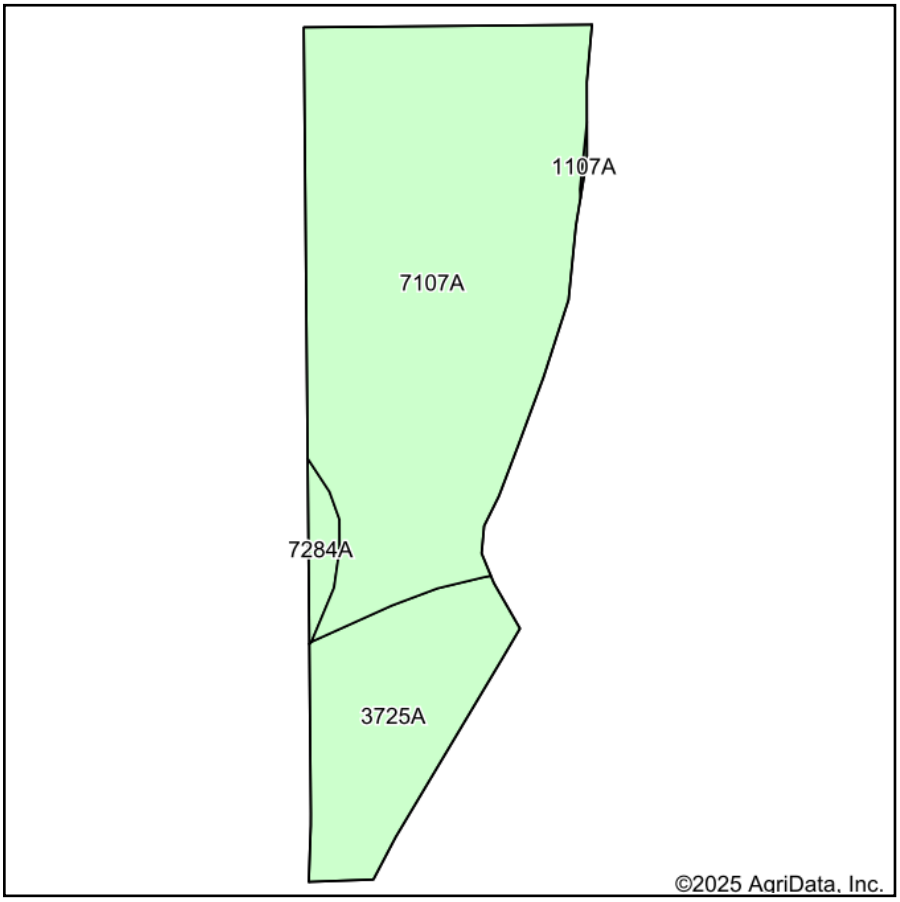
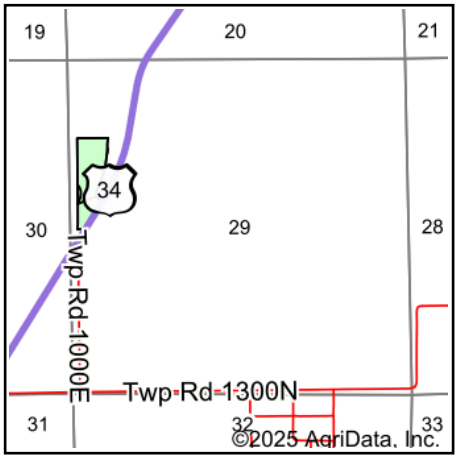
c Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".
e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henderson**
Location: **29-10N-5W**
Township: **Gladstone**
Acres: **11.58**
Date: **7/30/2025**

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N W E S

Area Symbol: IL071, Soil Area Version: 26

Code	Soil Description	Acres	Percent of field	Subsoil rooting ***a***	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ***b***	Sorghum ***c*** Bu/A	Grass-legume ***e*** hay, T/A	Crop productivity index for optimum management
**7107A	Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded	8.80	76.0%	FAV	**189	**60	**71	**98	**1	**6.00	**139
**3725A	Otter-Lawson silt loams, 0 to 2 percent slopes, frequently flooded	2.53	21.8%	FAV	**167	**55	**64	**84	0	**5.00	**125
**7284A	Tice silt loam, 0 to 2 percent slopes, rarely flooded	0.25	2.2%	FAV	**184	**57	**70	**95	0	**6.00	**134
				Weighted Average	**184.1**	**58.8**	**69.4**	**94.9**	**0.8**	**5.8**	**135.8**

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture. Publication Date: 01-28-2025
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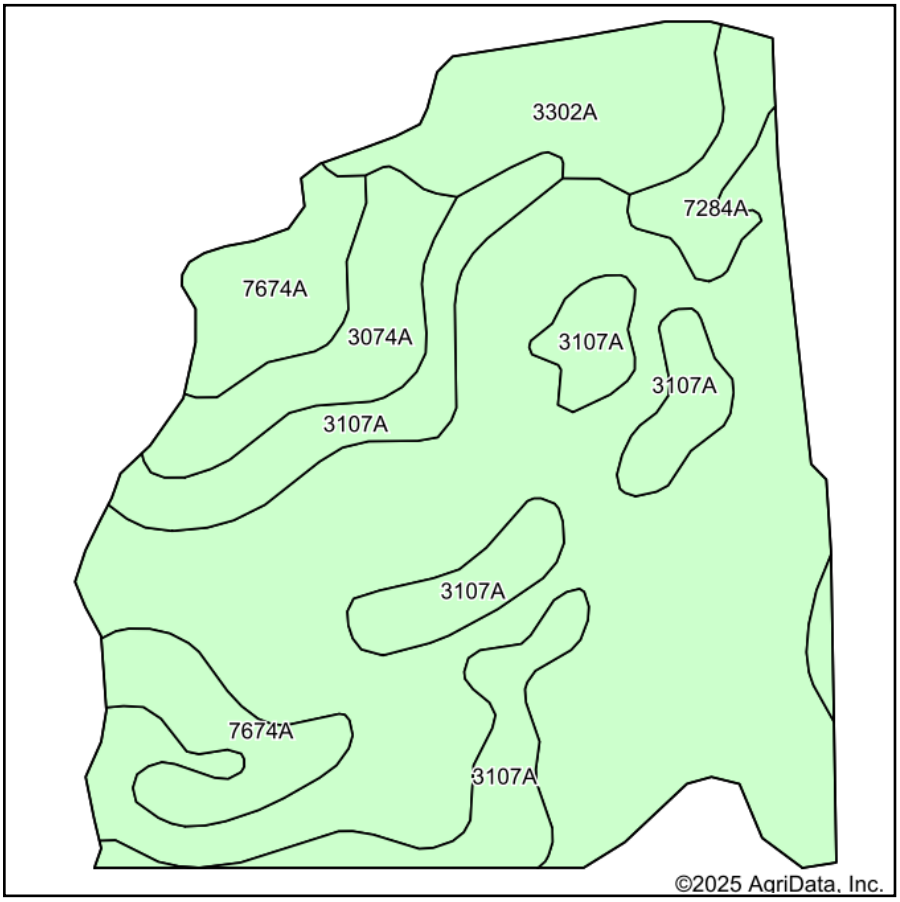
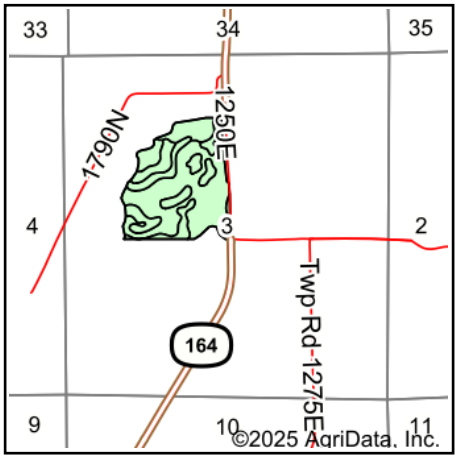
c Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".
e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henderson**
Location: **3-10N-5W**
Township: **Gladstone**
Acres: **66.1**
Date: **7/30/2025**

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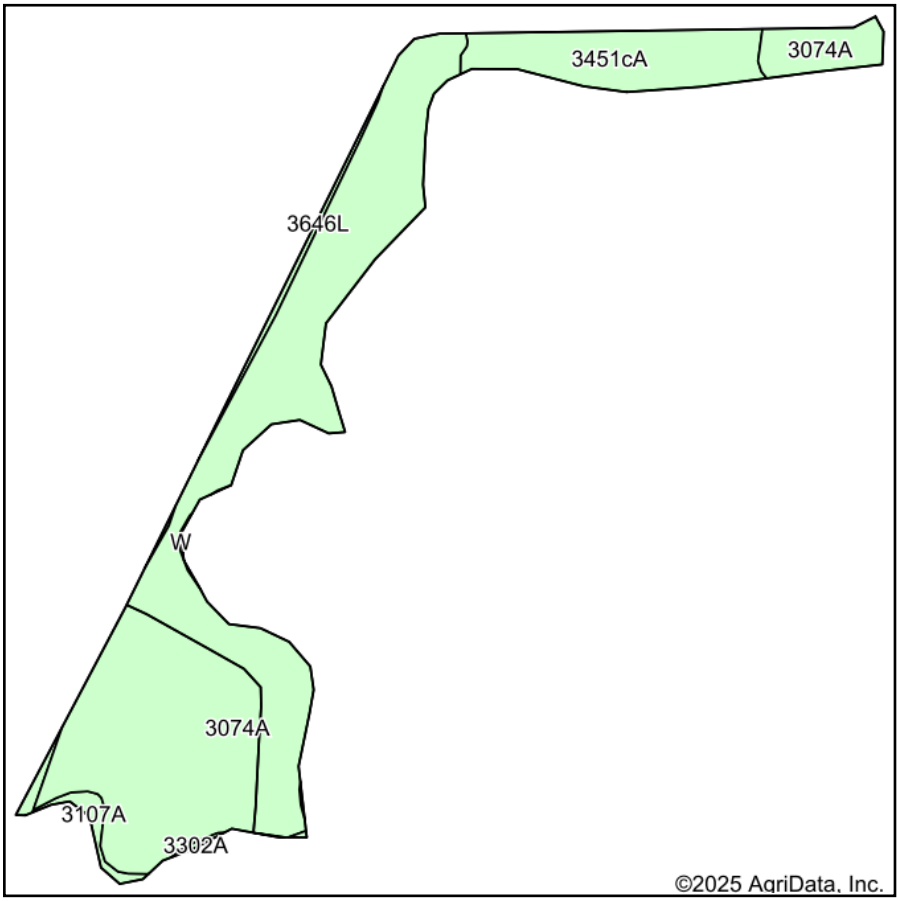
N W E S

Area Symbol: IL071, Soil Area Version: 26

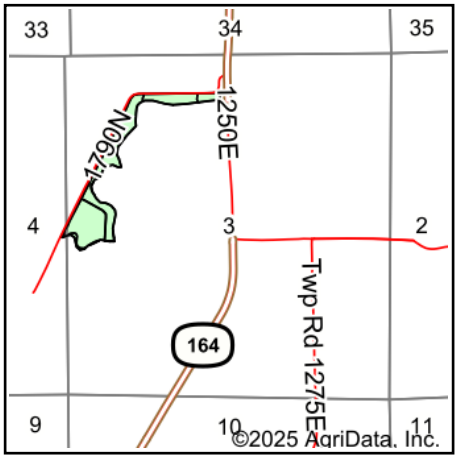
Code	Soil Description	Acres	Percent of field	Subsoil rooting *a*	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A *b*	Sorghum *c* Bu/A	Grass-legume *e* hay, T/A	Crop productivity index for optimum management
**3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	36.51	55.4%	FAV	**171	**55	**66	**87	0	**5.00	**126
**3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	11.45	17.3%	FAV	**170	**54	**64	**88	**1	**5.00	**125
7674A	Dozaville silt loam, 0 to 2 percent slopes, rarely flooded	6.29	9.5%	FAV	185	58	71	0	128	7.00	137
**3302A	Ambraw loam, 0 to 2 percent slopes, frequently flooded	5.65	8.5%	FAV	**142	**46	**56	**69	0	**5.00	**106
**3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded	3.86	5.8%	FAV	**167	**52	**66	**89	0	**5.00	**122
**7284A	Tice silt loam, 0 to 2 percent slopes, rarely flooded	2.34	3.5%	FAV	**184	**57	**70	**95	0	**6.00	**134
				Weighted Average	**169.9**	**54.2**	**65.4**	**77.8**	**12.4**	**5.2**	**125.2**

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture. Publication Date: 01-28-2025
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809
** Base indexes from Bulletin 811 adjusted for slope, erosion, flooding, and surface texture according to the Il. Soils EFOTG
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".
e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Henderson**
Location: **3-10N-5W**
Township: **Gladstone**
Acres: **23.9**
Date: **7/30/2025**

STEFFES

Maps Provided By:
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N W E S

Area Symbol: IL071, Soil Area Version: 26

Code	Soil Description	Acres	Percent of field	Subsoil rooting *a*	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A *b*	Sorghum *c* Bu/A	Grass-legume *e* hay, T/A	Crop productivity index for optimum management
**3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded	19.82	82.8%	FAV	**167	**52	**66	**89	0	**5.00	**122
**3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	3.22	13.5%	FAV	**171	**55	**66	**87	0	**5.00	**126
**3646L	Fluvaquents, 0 to 2 percent slopes, frequently flooded, long duration	0.47	2.0%	0	**0	**0	**0	0	0	0.00	**0
**3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	0.33	1.4%	FAV	**170	**54	**64	**88	**1	**5.00	**125
**3302A	Ambraw loam, 0 to 2 percent slopes, frequently flooded	0.06	0.3%	FAV	**142	**46	**56	**69	0	**5.00	**106
				Weighted Average	**164.2**	**51.4**	**64.6**	**86.9**	*-	**4.9**	**120.1**

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, flooding, and surface texture. Publication Date: 01-28-2025
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809
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e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".