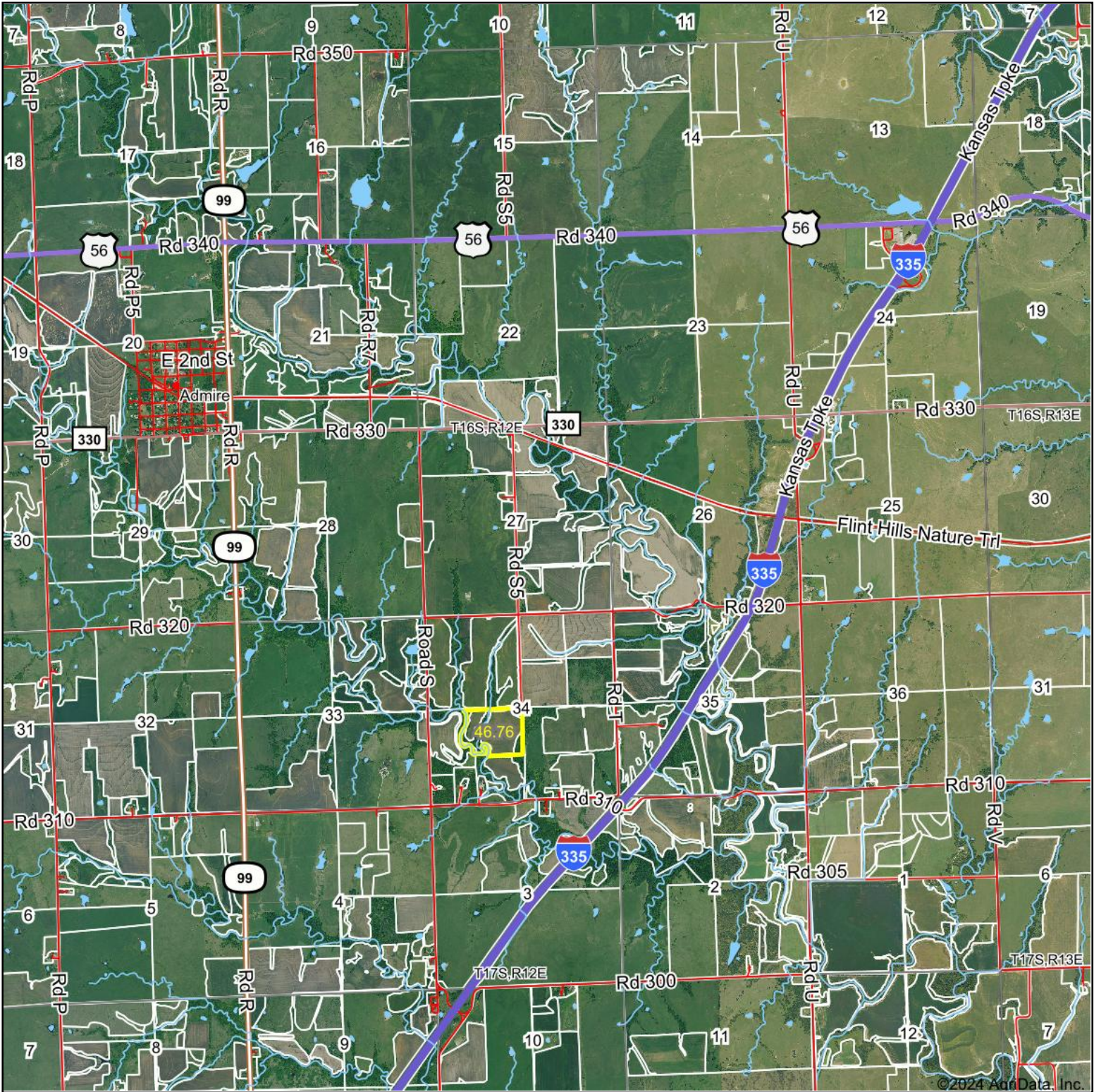


# Aerial Map



©2024 AgriData, Inc.



Boundary Center: 38° 36' 48.85, -96° 4' 22.28

0ft 4373ft 8747ft

34-16S-12E  
Lyon County  
Kansas

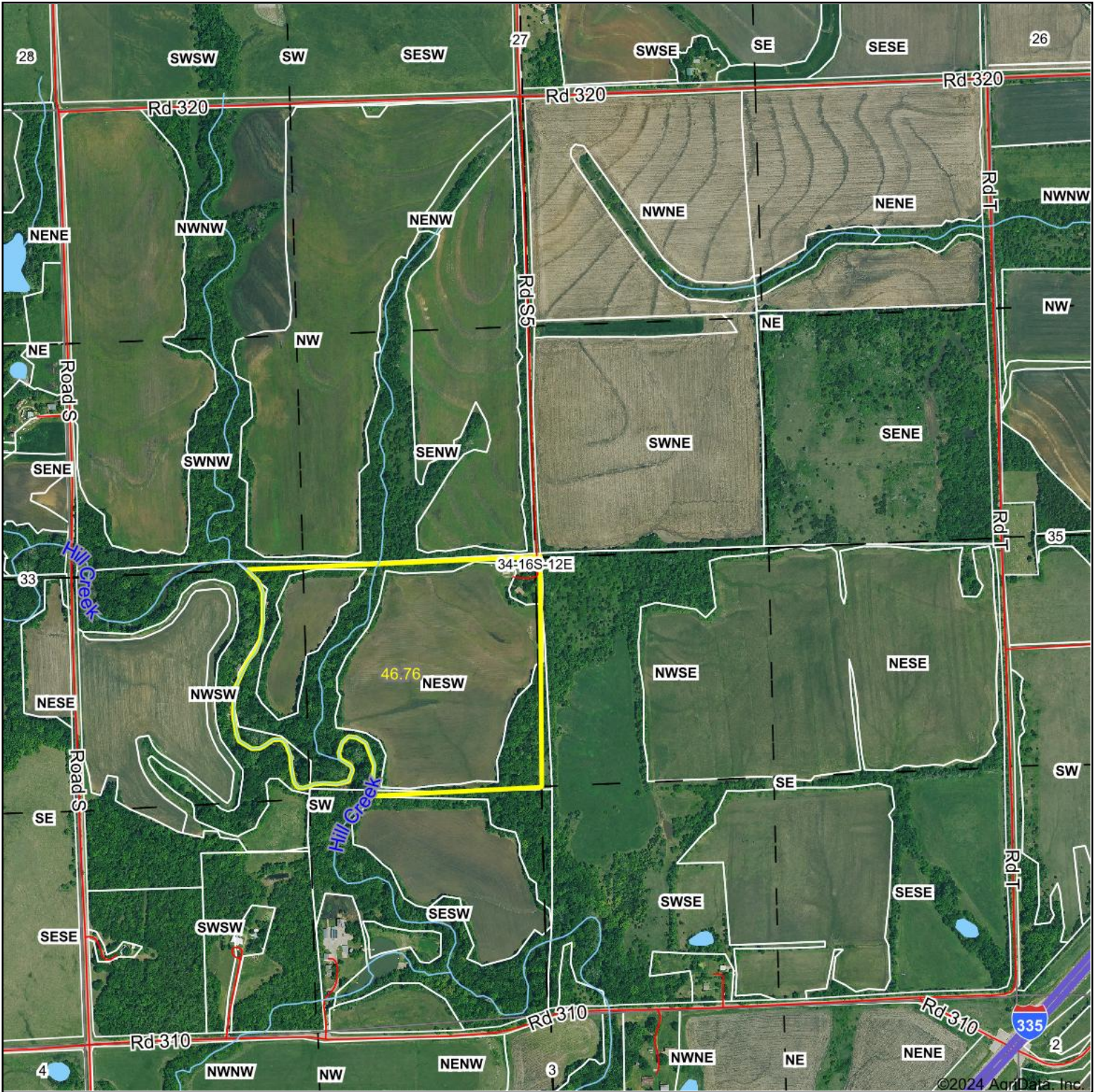


Maps Provided By:  
 **surety**  
CUSTOMIZED ONLINE MAPPING  
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2/6/2024

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

# Aerial Map



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Boundary Center: 38° 36' 48.85, -96° 4' 22.28



34-16S-12E  
Lyon County  
Kansas

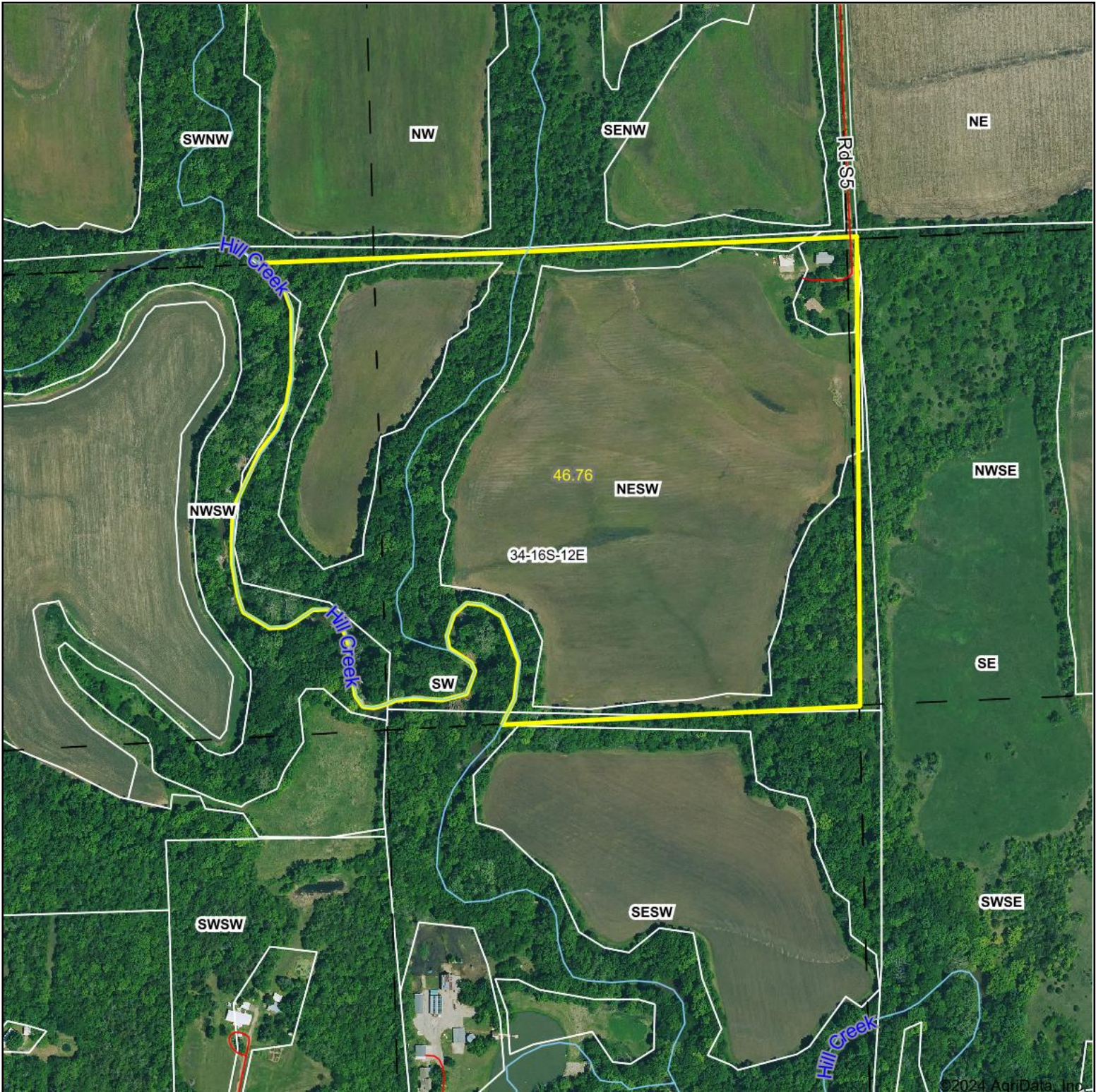


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Field borders provided by Farm Service Agency as of 5/21/2008.

# Aerial Map



©2024 AgriData, Inc.



Boundary Center: 38° 36' 48.85, -96° 4' 22.28



**34-16S-12E**  
**Lyon County**  
**Kansas**

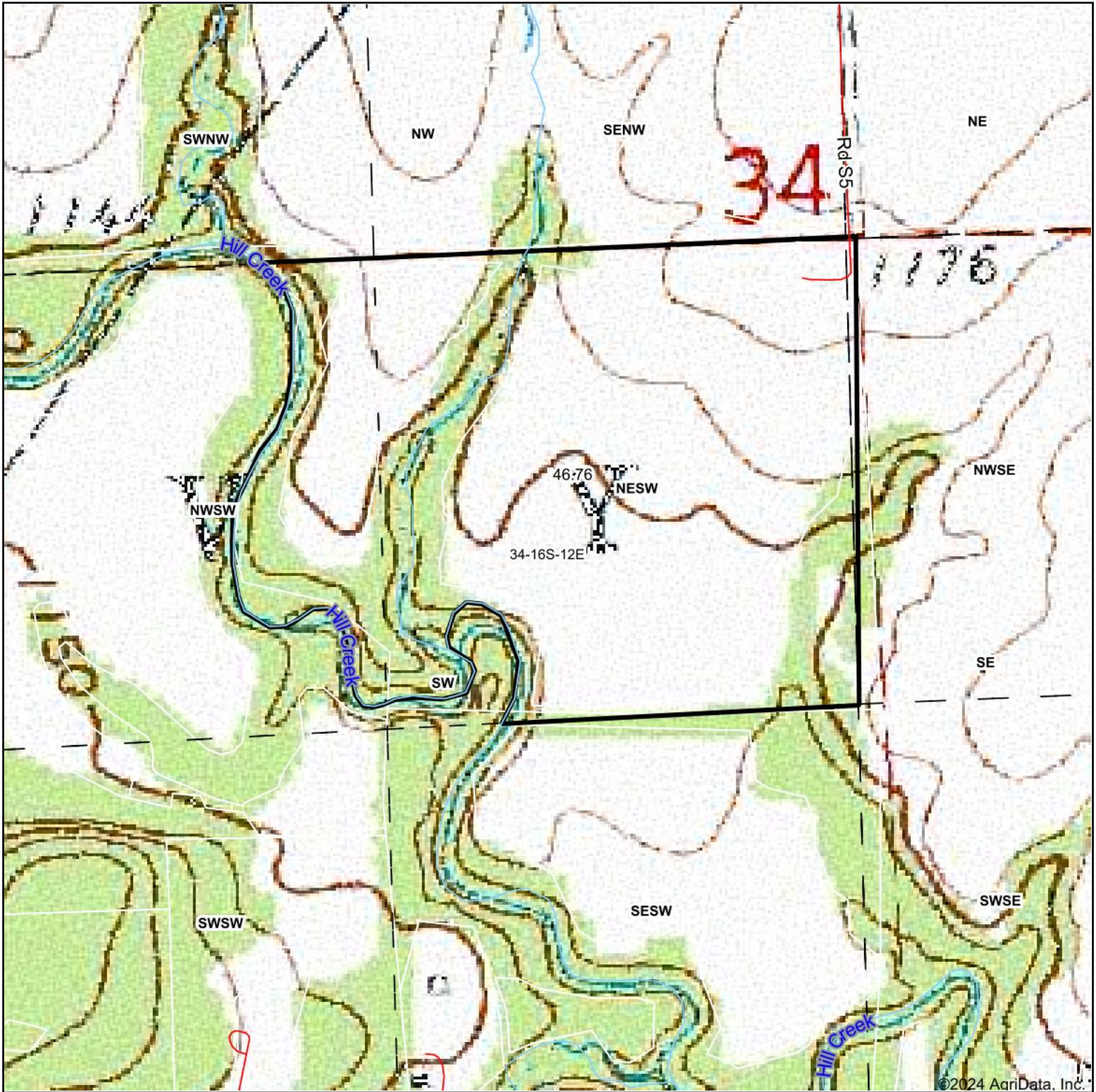


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2/6/2024

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

# Topography Map



Map Center: 38° 36' 47.12, -96° 4' 22.34



**34-16S-12E**  
**Lyon County**  
**Kansas**



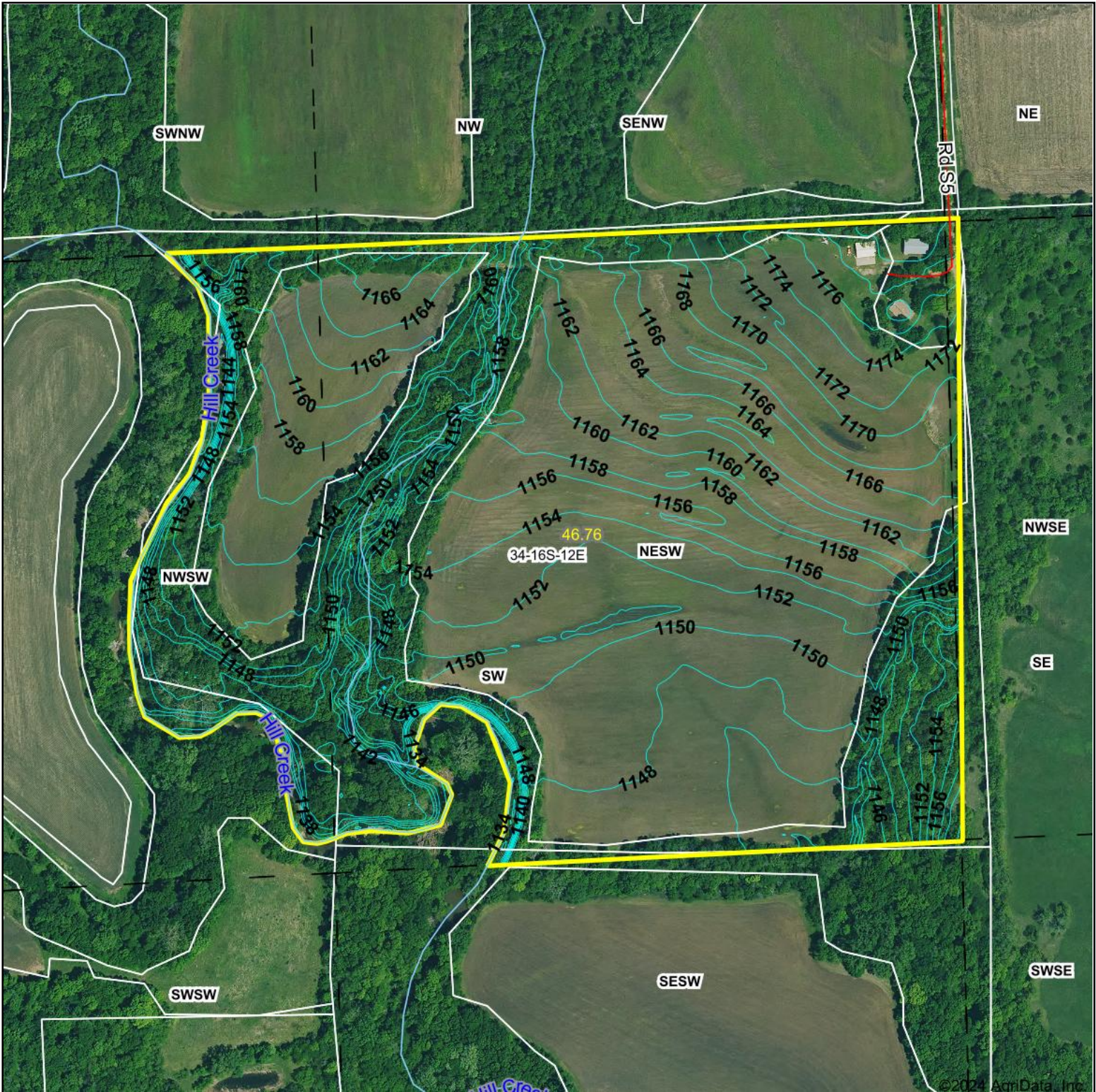
Maps Provided By:



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# Topography Contours



Maps Provided By:  
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Field borders provided by Farm Service Agency as of 5/21/2008.

Source: USGS 3 meter dem

Interval(ft): 2.0

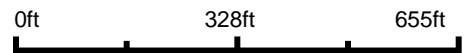
Min: 1,131.9

Max: 1,181.6

Range: 49.7

Average: 1,156.1

Standard Deviation: 9.25 ft

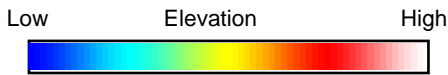
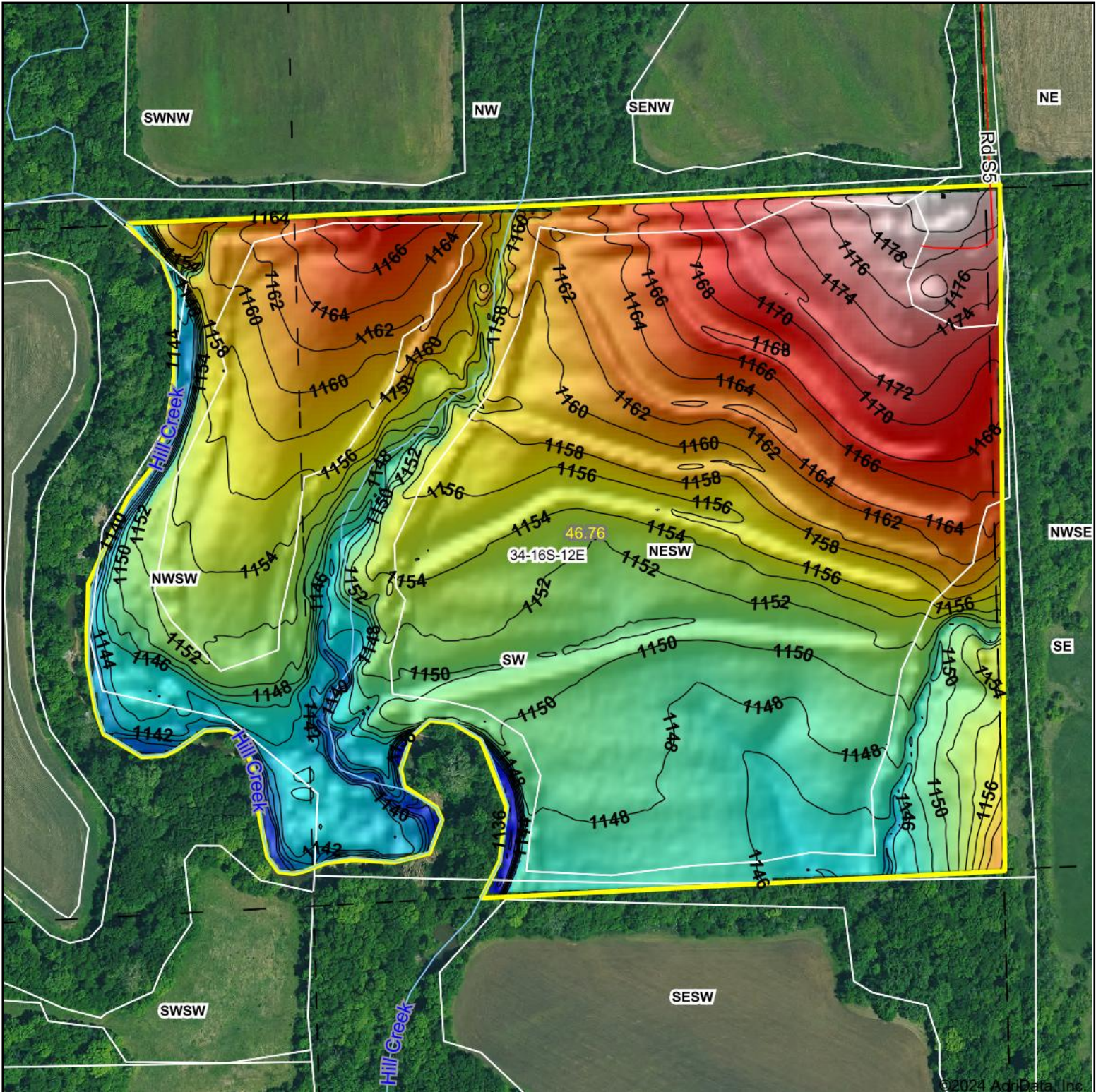


2/6/2024

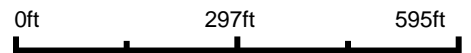
**34-16S-12E**  
**Lyon County**  
**Kansas**

Boundary Center: 38° 36' 48.85, -96° 4' 22.28

# Topography Hillshade



Source: USGS 3 meter dem



Interval(ft): 2

Min: 1,131.9

Max: 1,181.6

Range: 49.7

Average: 1,156.1

Standard Deviation: 9.25 ft



2/6/2024

**34-16S-12E**  
**Lyon County**  
**Kansas**

Boundary Center: 38° 36' 48.85, -96° 4' 22.28



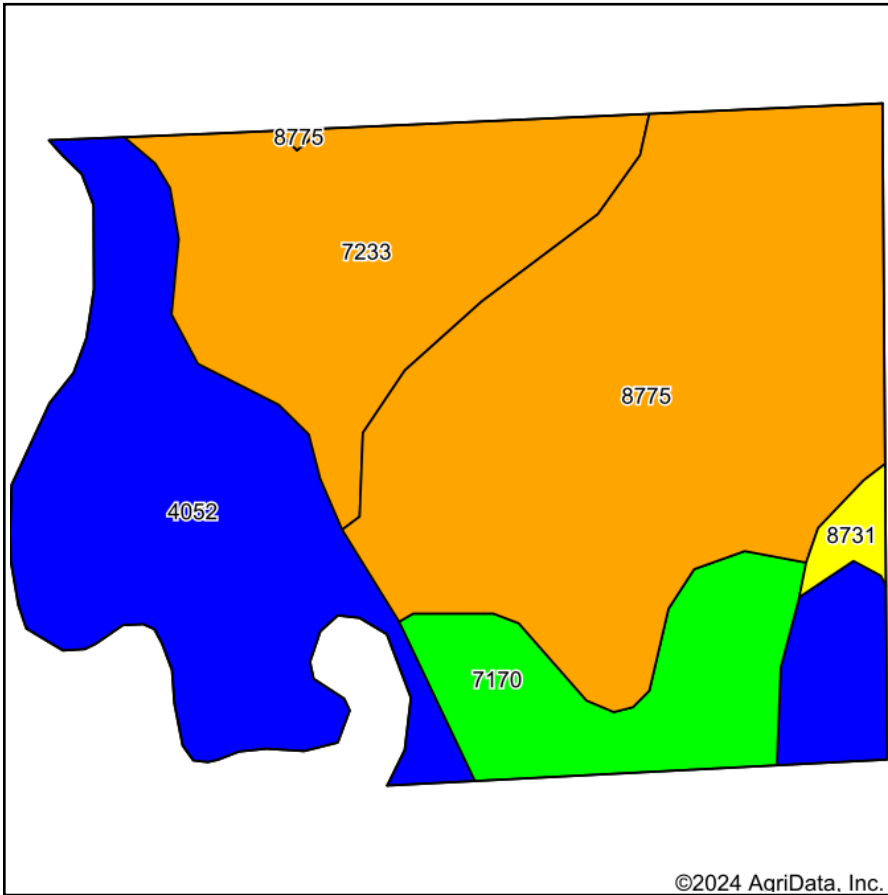
Maps Provided By:



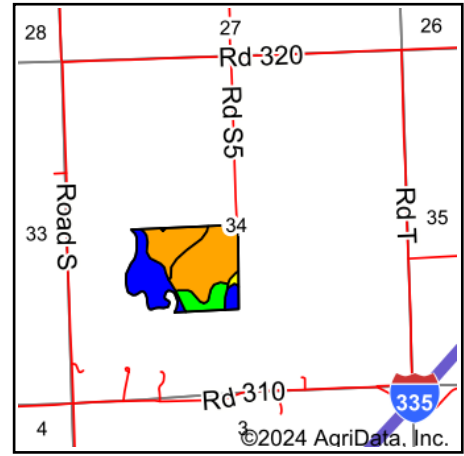
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Field borders provided by Farm Service Agency as of 5/21/2008.

# Soils Map



Soils data provided by USDA and NRCS.



State: **Kansas**  
 County: **Lyon**  
 Location: **34-16S-12E**  
 Township: **Ivy**  
 Acres: **46.76**  
 Date: **2/6/2024**



Maps Provided By:



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Area Symbol: KS111, Soil Area Version: 22

Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Non-Irr Class *c	Irr Class *c	*n NCCPI Soybeans
8775	Kenoma silt loam, 1 to 3 percent slopes	18.98	40.6%		IIIe		59
4052	Ivan silt loam, occasionally flooded	13.13	28.1%		IIw	IIw	81
7233	Elmont silt loam, 3 to 7 percent slopes	9.33	20.0%		IIIe	IIIe	66
7170	Reading silt loam, rarely flooded	4.78	10.2%		Iw	Iw	76
8731	Eram silt loam, 3 to 7 percent slopes	0.54	1.2%		IVe		32
<b>Weighted Average</b>					<b>2.53</b>	<b>*.</b>	<b>*n 68</b>

\*n: The aggregation method is "Weighted Average using all components"

\*c: Using Capabilities Class Dominant Condition Aggregation Method

\*c: Using Capabilities Class Dominant Condition Aggregation Method\*- Irr Class weighted average cannot be calculated on the current soils data due to missing data.

Soils data provided by USDA and NRCS.

# Aerial Map



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Boundary Center: 38° 36' 48.94, -96° 4' 21.38



34-16S-12E  
Lyon County  
Kansas



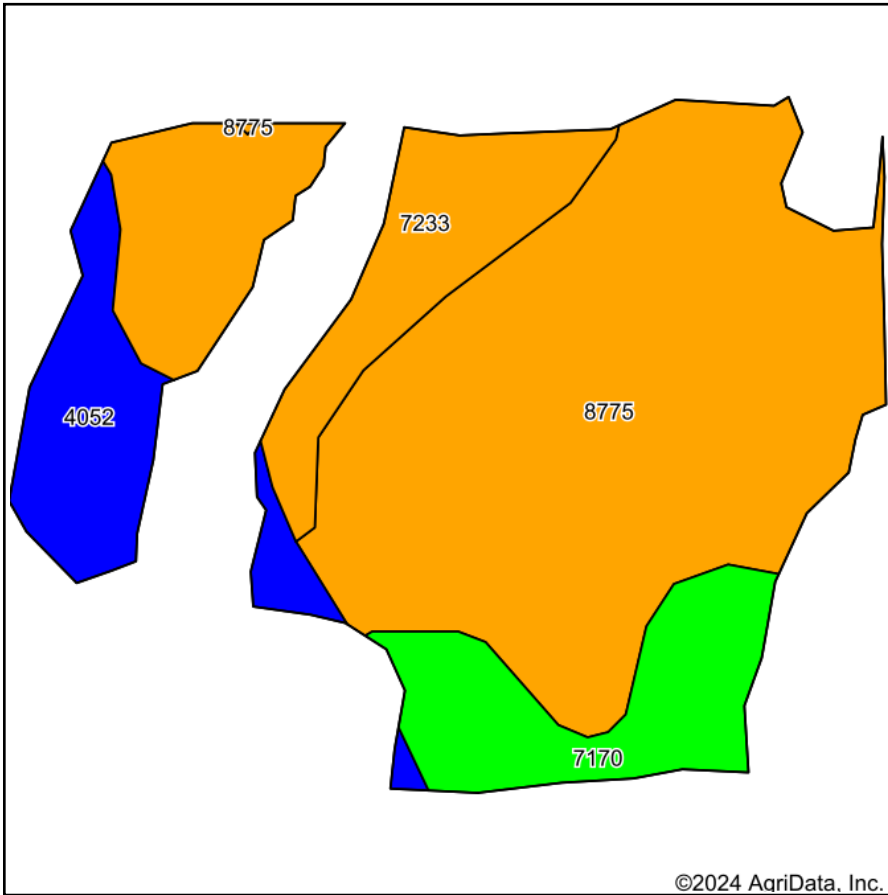
Maps Provided By:  
 **surety**  
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2/6/2024

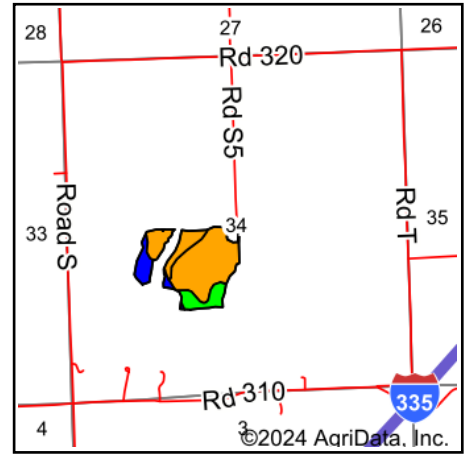
Field borders provided by Farm Service Agency as of 5/21/2008.



# Soils Map



Soils data provided by USDA and NRCS.



State: **Kansas**  
 County: **Lyon**  
 Location: **34-16S-12E**  
 Township: **Ivy**  
 Acres: **31.05**  
 Date: **2/6/2024**



Maps Provided By:



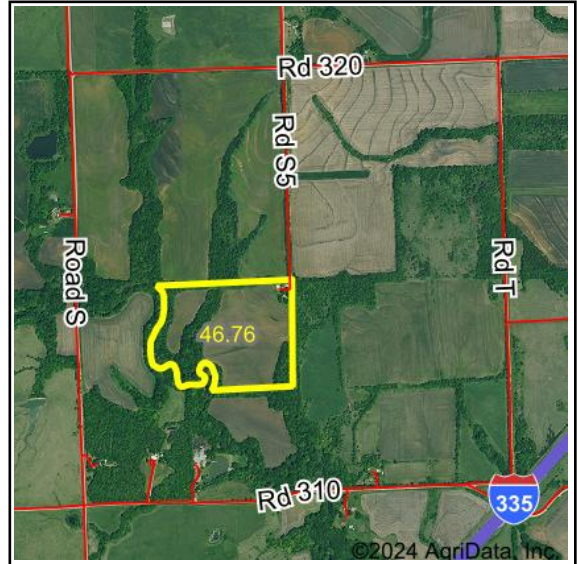
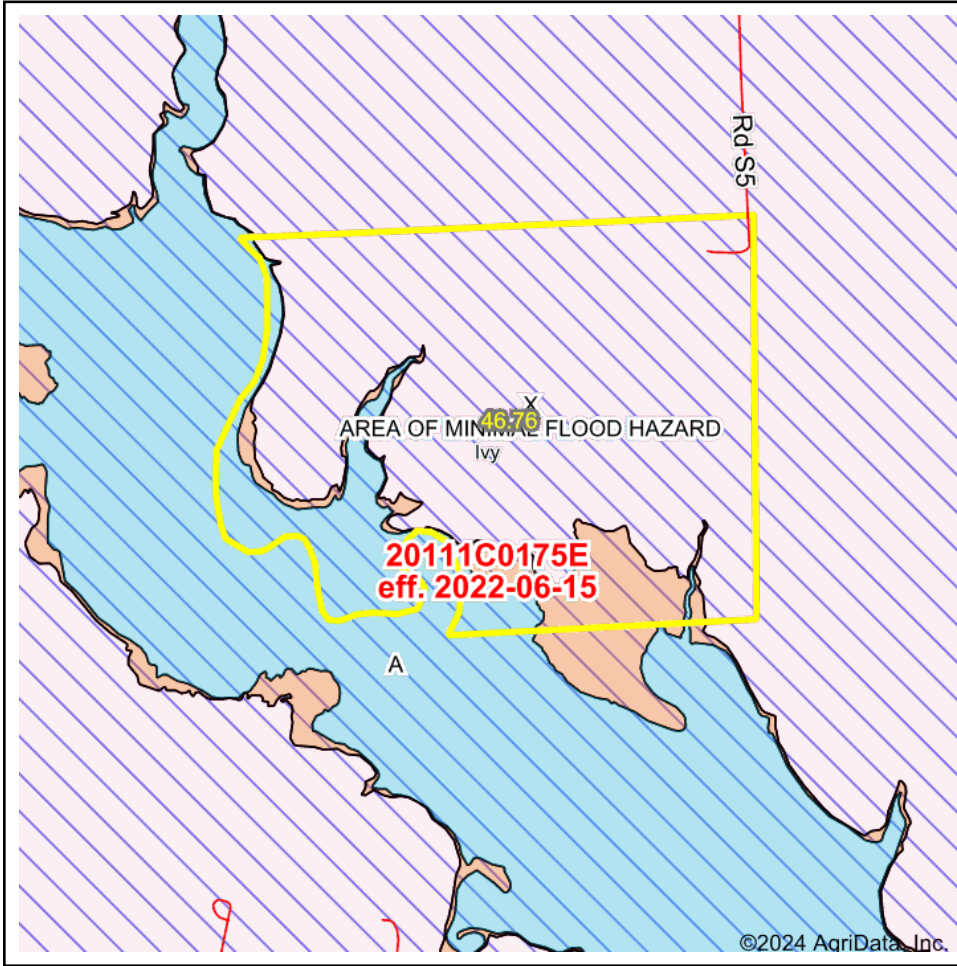
Area Symbol: KS111, Soil Area Version: 22							
Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Non-Irr Class *c	Irr Class *c	*n NCCPI Soybeans
8775	Kenoma silt loam, 1 to 3 percent slopes	17.66	56.9%			IIIe	59
7233	Elmont silt loam, 3 to 7 percent slopes	6.21	20.0%			IIIe	66
7170	Reading silt loam, rarely flooded	3.80	12.2%			Iw	76
4052	Ivan silt loam, occasionally flooded	3.38	10.9%			IIw	81
<b>Weighted Average</b>						<b>2.65</b>	<b>*n 64.9</b>

\*n: The aggregation method is "Weighted Average using all components"

\*c: Using Capabilities Class Dominant Condition Aggregation Method

\*c: Using Capabilities Class Dominant Condition Aggregation Method\*- Irr Class weighted average cannot be calculated on the current soils data due to missing data.

# FEMA Report



Map Center: 38° 36' 47.12, -96° 4' 22.34

State: KS Acres: 46.76  
 County: Lyon Date: 2/6/2024  
 Location: 34-16S-12E  
 Township: Ivy



Maps Provided By:



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Name	Number	County	NFIP Participation	Acres	Percent
LYON COUNTY	200201	Lyon	Regular	46.76	100%
<b>Total</b>				46.76	100%

Map Change	Date	Case No.	Acres	Percent
No			0	0%

Zone	SubType	Description	Acres	Percent
X	AREA OF MINIMAL FLOOD HAZARD	Outside 500-year Floodplain	36.37	77.8%
A		100-year Floodplain	6.25	13.4%
X	0.2 PCT ANNUAL CHANCE FLOOD HAZARD	500-year floodplain	3.29	7.0%
X	0.2 PCT ANNUAL CHANCE FLOOD HAZARD	500-year floodplain	0.85	1.8%
<b>Total</b>			46.76	100%

Panel	Effective Date	Acres	Percent
20111C0175E	6/15/2022	46.76	100%
<b>Total</b>		46.76	100%