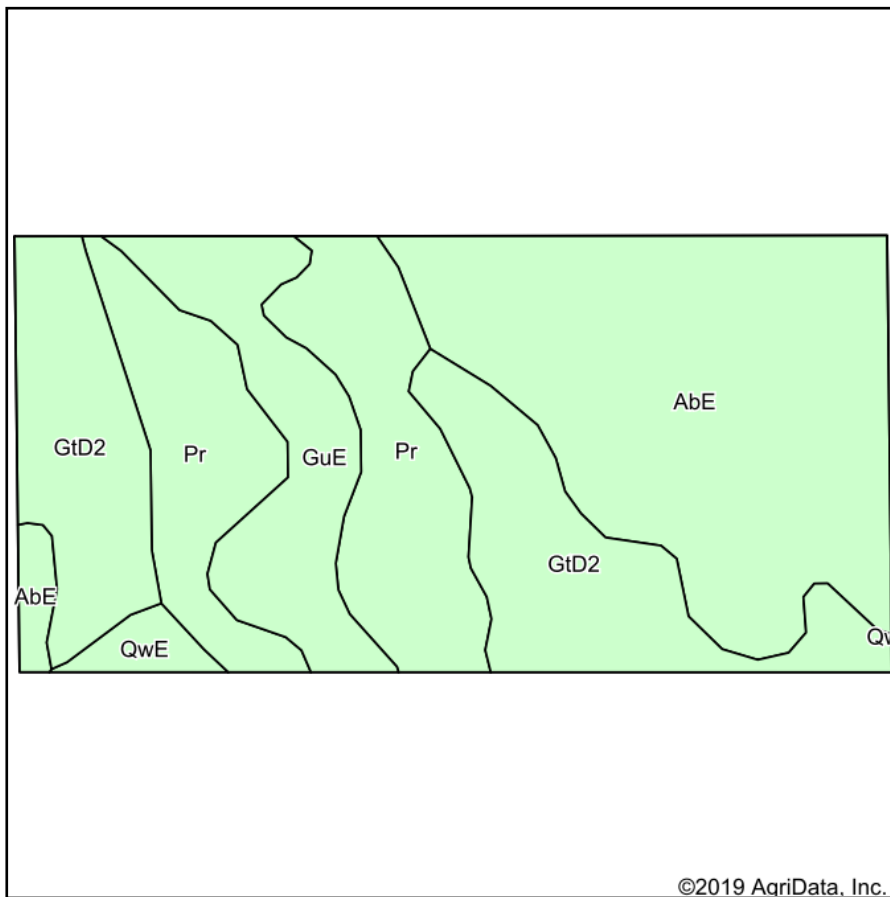
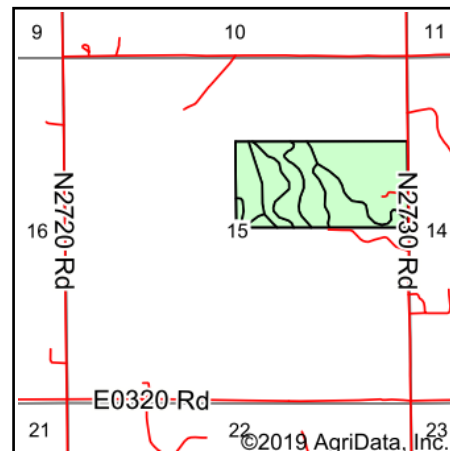


# Soils Map



Soils data provided by USDA and NRCS.



State: **Oklahoma**  
 County: **Alfalfa**  
 Location: **15-24N-9W**  
 Township: **Helena**  
 Acres: **79.21**  
 Date: **7/11/2019**



Maps Provided By:



Area Symbol: OK003. Soil Area Version: 17

| Code                    | Soil Description                                                | Acres | Percent of field | Non-Irr Class *c | Range Production (lbs/acre/yr) | Improved bermudagrass | Introduced bluestem | Weeping lovegrass | Alfalfa hay | Grain sorghum | Wheat       | Barley   | Cotton lint | Tall wheatgrass | Caucasian bluestem |
|-------------------------|-----------------------------------------------------------------|-------|------------------|------------------|--------------------------------|-----------------------|---------------------|-------------------|-------------|---------------|-------------|----------|-------------|-----------------|--------------------|
| AbE                     | Wisby sandy loam, 5 to 15 percent slopes                        | 30.39 | 38.4%            | Vle              | 3268                           | 3                     | 1                   | 3                 |             | 4             | 2           |          |             |                 |                    |
| GtD2                    | Grant-Nash complex, 3 to 8 percent slopes, eroded               | 19.80 | 25.0%            | IVe              | 0                              | 4                     | 3                   | 4                 |             | 9             | 13          | 7        | 23          |                 |                    |
| Pr                      | Port silt loam, 0 to 1 percent slopes, occasionally flooded     | 18.40 | 23.2%            | IIw              | 6112                           | 9                     |                     |                   | 5           | 49            | 34          |          | 13          |                 |                    |
| GuE                     | Grant-Port, frequently flooded, complex, 0 to 12 percent slopes | 9.28  | 11.7%            | Vle              | 5064                           | 5                     | 5                   | 1                 | 1           | 30            | 22          | 2        | 44          |                 | 3                  |
| QwE                     | Quinlan-Woodward complex, 5 to 30 percent slopes                | 1.34  | 1.7%             | Vlle             | 3122                           | 3                     | 2                   | 2                 |             | 3             | 2           |          | 25          |                 |                    |
| <b>Weighted Average</b> |                                                                 |       |                  |                  | <b>3319.7</b>                  | <b>4.9</b>            | <b>1.8</b>          | <b>2.3</b>        | <b>1.3</b>  | <b>18.7</b>   | <b>14.5</b> | <b>2</b> | <b>14.3</b> | <b>0.4</b>      | <b>0</b>           |

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

\*c: Using Capabilities Class Dominant Condition Aggregation Method

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