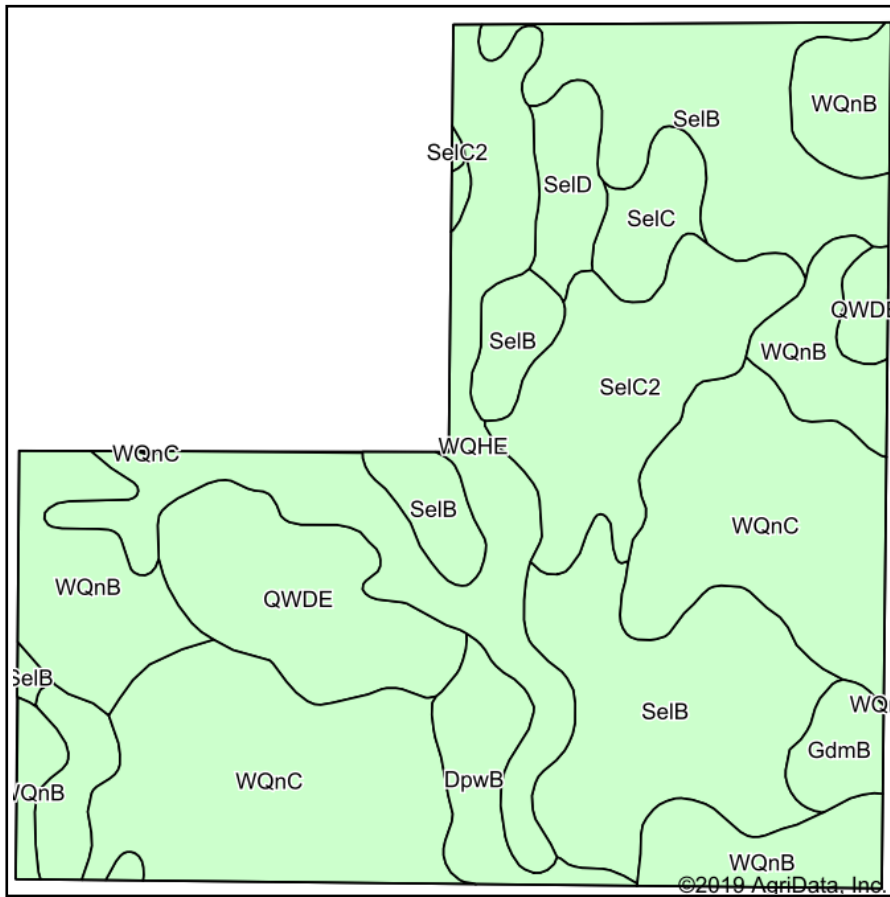
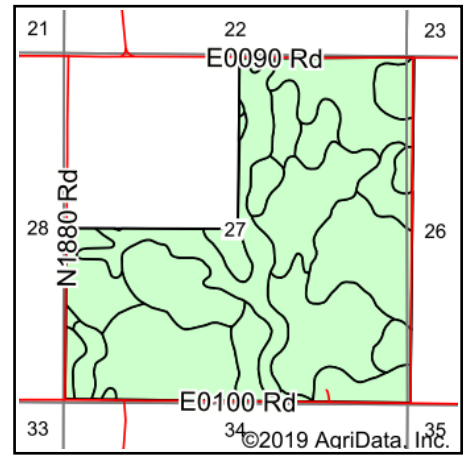


# Soils Map



Soils data provided by USDA and NRCS.



State: **Oklahoma**  
 County: **Harper**  
 Location: **27-28N-23W**  
 Township: **Buffalo**  
 Acres: **486.53**  
 Date: **6/5/2019**



Maps Provided By:



## Area Symbol: OK059, Soil Area Version: 14

| Code  | Soil Description                                         | Acres  | Percent of field | Non-Irr Class *c | Irr Class *c | Range Production (lbs/acre/yr) | Alfalfa hay | Alfalfa hay Irrigated | Corn | Corn Irrigated | Corn silage | Corn silage Irrigated | Grain sorghum | Grain sorghum Irrigated | Grass hay | Introduced bluestem | Straw |
|-------|----------------------------------------------------------|--------|------------------|------------------|--------------|--------------------------------|-------------|-----------------------|------|----------------|-------------|-----------------------|---------------|-------------------------|-----------|---------------------|-------|
| SelB  | Selman silt loam, 1 to 3 percent slopes                  | 114.16 | 23.5%            | Ile              | Ile          | 4108                           | 4           | 6                     | 74   | 156            | 9           | 18                    | 44            | 105                     | 2         | 6                   |       |
| WQnC  | Woodward-Quinlan complex, 3 to 5 percent slopes          | 108.55 | 22.3%            | IIIs             |              | 3174                           |             |                       |      |                |             |                       | 28            |                         |           | 4                   |       |
| WQHE  | Westola-Quinlan-Hardeman complex, 0 to 12 percent slopes | 70.29  | 14.4%            | VIe              |              | 3534                           |             |                       |      |                |             |                       |               |                         |           |                     |       |
| WQnB  | Woodward-Quinlan complex, 1 to 3 percent slopes          | 68.33  | 14.0%            | IIIs             |              | 3070                           |             |                       |      |                |             |                       | 28            |                         |           | 4                   |       |
| SelC2 | Selman silt loam, 3 to 5 percent slopes, eroded          | 41.41  | 8.5%             | IIle             | IIle         | 0                              | 3           | 5                     | 60   | 140            | 8           | 17                    | 35            | 90                      | 2         | 5                   |       |

Soils data provided by USDA and NRCS.

| Code                    | Soil Description                                          | Acres | Percent of field | Non-Irr Class *c | Irr Class *c | Range Production (lbs/acre/yr) | Alfalfa hay | Alfalfa hay Irrigated | Corn        | Corn Irrigated | Corn silage | Corn silage Irrigated | Grain sorghum | Grain sorghum Irrigated | Grass hay  | Introduced bluestem | Straw grain |
|-------------------------|-----------------------------------------------------------|-------|------------------|------------------|--------------|--------------------------------|-------------|-----------------------|-------------|----------------|-------------|-----------------------|---------------|-------------------------|------------|---------------------|-------------|
| QWDE                    | Quinlan-Woodward-Deepwood complex, 5 to 12 percent slopes | 39.17 | 8.1%             | Vle              |              | 2432                           |             |                       | 1           | 3              |             |                       | 28            | 2                       |            | 4                   |             |
| DpwB                    | Deepwood loam, 1 to 3 percent slopes                      | 15.17 | 3.1%             | Ile              |              | 4065                           | 2           | 1                     | 9           | 23             | 1           | 3                     | 22            | 12                      | 2          | 4                   |             |
| SelC                    | Selman silt loam, 3 to 5 percent slopes                   | 10.64 | 2.2%             | IIle             | IIle         | 4080                           | 3           | 5                     | 68          | 145            | 9           | 17                    | 43            | 94                      | 2          | 6                   |             |
| SelD                    | Selman silt loam, 5 to 8 percent slopes                   | 10.63 | 2.2%             | IVe              | IVe          | 4200                           | 3           | 5                     | 56          | 132            | 8           | 16                    | 34            | 85                      | 2          | 5                   |             |
| GdmB                    | Grandmore fine sandy loam, 1 to 3 percent slopes          | 8.18  | 1.7%             | IIle             | IIle         | 2700                           | 3           | 6                     | 67          | 149            | 10          | 20                    | 30            | 78                      | 2          | 6                   |             |
| <b>Weighted Average</b> |                                                           |       |                  |                  |              | <b>3162.7</b>                  | <b>1.4</b>  | <b>2.2</b>            | <b>26.7</b> | <b>58</b>      | <b>3.4</b>  | <b>6.8</b>            | <b>28.6</b>   | <b>38.1</b>             | <b>0.8</b> | <b>4.1</b>          |             |

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

\*c: Using Capabilities Class Dominant Condition Aggregation Method