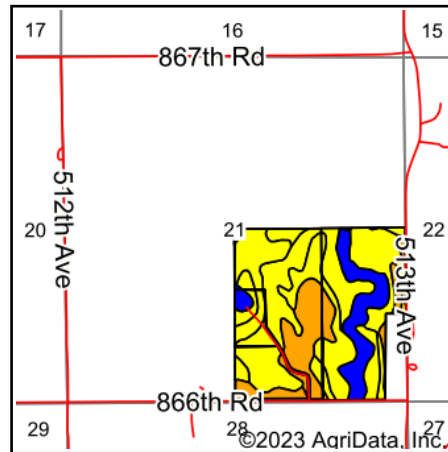
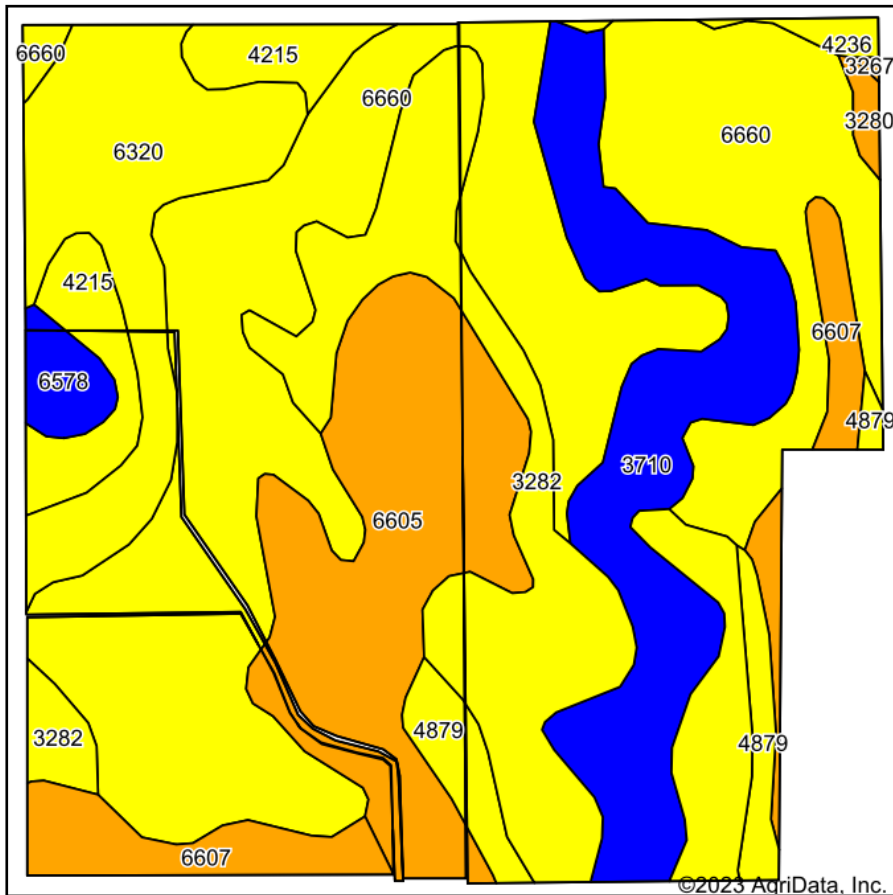


# Soils Map



State: **Nebraska**  
 County: **Antelope**  
 Location: **21-28N-8W**  
 Township: **Sherman**  
 Acres: **146.93**  
 Date: **6/13/2023**



Soils data provided by USDA and NRCS.

| Area Symbol: NE003, Soil Area Version: 24 |   |       |                  |                      |                  |              |                  |                            |                  |                |                       |                   |
|---|---|-------|------------------|----------------------|------------------|--------------|------------------|----------------------------|------------------|----------------|-----------------------|-------------------|
| Code                                      | Soil Description  | Acres | Percent of field | Non-Irr Class Legend | Non-Irr Class *c | Irr Class *c | Grain sorghum Bu | Grain sorghum Irrigated Bu | *n NCCPI Overall | *n NCCPI Corn  | *n NCCPI Small Grains | *n NCCPI Soybeans |
| 6660                                      | Brunswick-Paka complex, 11 to 30 percent slopes             | 53.00 | 36.1%            |                      | Vle              |              |                  |                            | 31               | 30             | 22                    | 27                |
| 3282                                      | Paka complex, 6 to 11 percent slopes                        | 22.82 | 15.5%            |                      | IVe              | IVe          | 53               | 105                        | 50               | 41             | 36                    | 50                |
| 6605                                      | Bazile loam, 2 to 6 percent slopes                          | 19.67 | 13.4%            |                      | IIle             | IIle         |                  |                            | 67               | 66             | 45                    | 60                |
| 3710                                      | Cass fine sandy loam, 0 to 2 percent slopes, rarely flooded | 17.51 | 11.9%            |                      | IIw              | IIw          | 64               | 110                        | 50               | 50             | 36                    | 42                |
| 6320                                      | Barney-Boel-Calamus complex, channeled                      | 13.68 | 9.3%             |                      | VIw              |              | 6                |                            | 11               | 9              | 8                     | 11                |
| 6607                                      | Bazile complex, 3 to 6 percent slopes                       | 6.96  | 4.7%             |                      | IIle             | IIle         | 53               | 110                        | 44               | 44             | 38                    | 39                |
| 4215                                      | Blackloup loam, rarely flooded                              | 5.70  | 3.9%             |                      | Vw               |              | 1                |                            | 26               | 15             | 14                    | 26                |
| 4879                                      | Valentine-Simeon complex, 6 to 11 percent slopes            | 4.34  | 3.0%             |                      | Vle              | IVe          |                  |                            | 21               | 20             | 19                    | 21                |
| 6578                                      | Ortello fine sandy loam, 0 to 2 percent slopes              | 1.82  | 1.2%             |                      | Ile              | Ile          |                  |                            | 64               | 64             | 47                    | 55                |
| 4236                                      | Calamus-Boel complex, channeled, rarely flooded             | 0.79  | 0.5%             |                      | Vle              |              | 13               | 6                          | 16               | 14             | 11                    | 16                |
| 3280                                      | Paka complex, 0 to 2 percent slopes                         | 0.57  | 0.4%             |                      | IIle             | Ile          | 63               | 125                        | 52               | 41             | 36                    | 52                |
| 3267                                      | O'Neill sandy loam, 0 to 2 percent slopes                   | 0.07  | 0.0%             |                      | IIle             | IIle         | 35               | 110                        | 43               | 43             | 35                    | 35                |
| <b>Weighted Average</b>                   |   |       |                  |                      | <b>4.57</b>      | <b>*-</b>    | <b>19.3</b>      | <b>35.2</b>                | <b>*n 39.7</b>   | <b>*n 37.1</b> | <b>*n 28.3</b>        | <b>*n 36</b>      |

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

\*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.