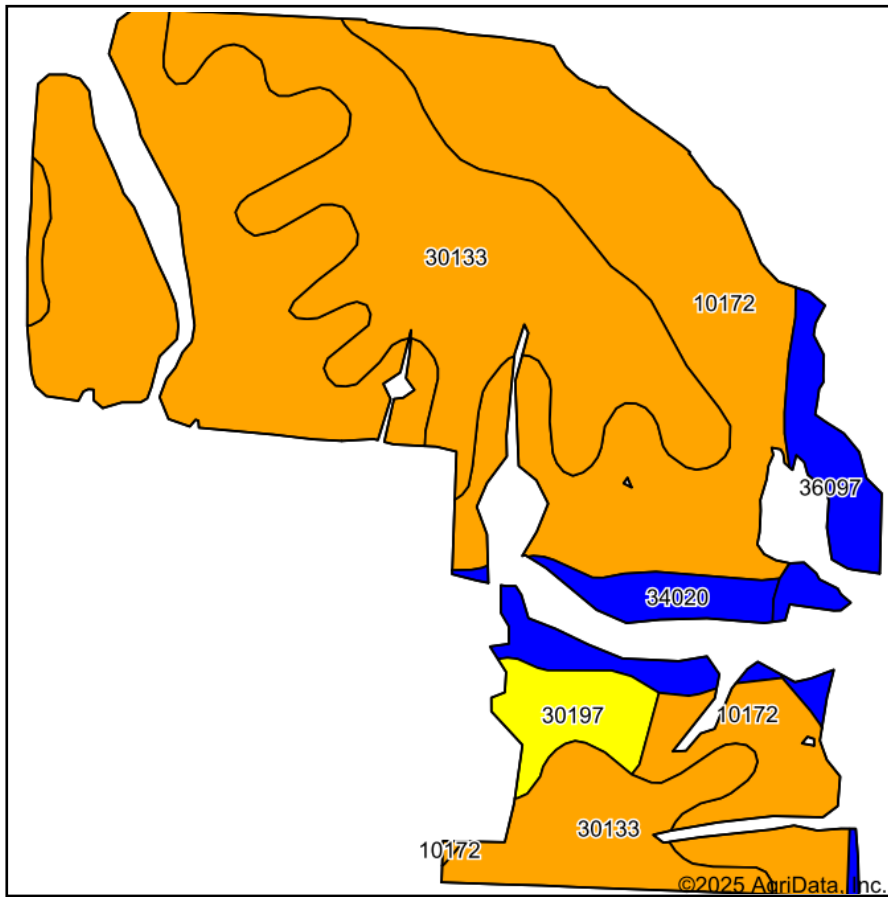
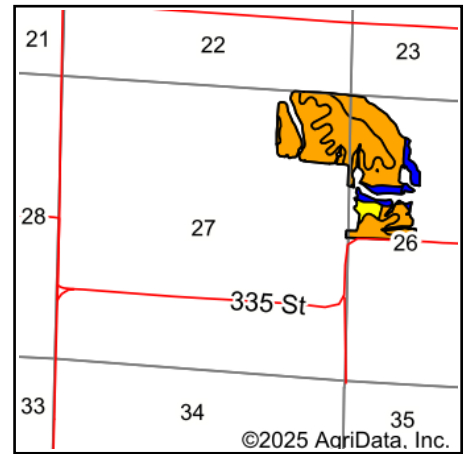


# Soils Map



Soils data provided by USDA and NRCS.



State: **Missouri**  
 County: **Gentry**  
 Location: **27-63N-30W**  
 Township: **Athens**  
 Acres: **87.7**  
 Date: **3/25/2025**



Maps Provided By:



Area Symbol: MO075, Soil Area Version: 27

| Code  | Soil Description                                                             | Acres | Percent of field | Non-Irr Class Legend | Non-Irr Class *c | Common bermudagrass Tons | Orchardgrass red clover Tons | Tall fescue Tons | Warm season grasses Tons | *n NCCPI Overall | *n NCCPI Corn | *n NCCPI Small Grains | *n NCCPI Soybeans |
|-------|------------------------------------------------------------------------------|-------|------------------|----------------------|------------------|--------------------------|------------------------------|------------------|--------------------------|------------------|---------------|-----------------------|-------------------|
| 10172 | Shelby clay loam, 9 to 14 percent slopes, moderately eroded                  | 49.51 | 56.5%            |                      | Ille             |                          |                              |                  |                          | 70               | 70            | 56                    | 54                |
| 30133 | Lamoni clay loam, 5 to 9 percent slopes, eroded                              | 27.93 | 31.8%            |                      | Ille             |                          |                              |                  |                          | 59               | 59            | 53                    | 47                |
| 34020 | Colo silty clay loam, drainageway, 2 to 5 percent slopes, frequently flooded | 3.81  | 4.3%             |                      | Ilw              |                          |                              |                  |                          | 78               | 78            | 59                    | 59                |
| 36097 | Zook silty clay loam, 1 to 4 percent slopes, occasionally flooded            | 3.58  | 4.1%             |                      | Ilw              | 7                        | 6                            | 7                | 8                        | 85               | 84            | 65                    | 67                |
| 30197 | Shelby loam, 14 to 18 percent slopes                                         | 2.87  | 3.3%             |                      | Ive              |                          |                              |                  |                          | 65               | 65            | 53                    | 56                |

Soils data provided by USDA and NRCS.

| Code             | Soil Description | Acres | Percent of field | Non-Irr Class Legend | Non-Irr Class *c | Common bermudagrass Tons | Orchardgrass red clover Tons | Tall fescue Tons | Warm season grasses Tons | *n NCCPI Overall | *n NCCPI Corn | *n NCCPI Small Grains | *n NCCPI Soybeans |
|------------------|------------------|-------|------------------|----------------------|------------------|--------------------------|------------------------------|------------------|--------------------------|------------------|---------------|-----------------------|-------------------|
| Weighted Average |                  |       |                  |                      | 2.95             | 0.3                      | 0.2                          | 0.3              | 0.3                      | *n 67.3          | *n 67.3       | *n 55.4               | *n 52.6           |

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

\*c: Using Capabilities Class Dominant Condition Aggregation Method