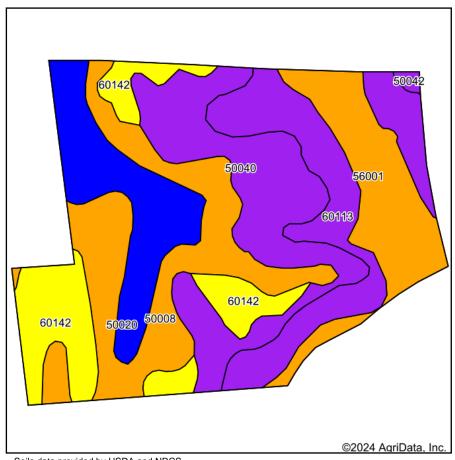
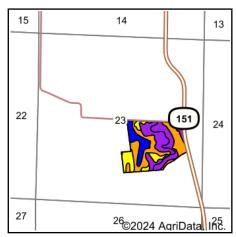
## **Soils Map**





State: Missouri County: Monroe Location: 23-54N-12W

Township: Marion 61.34 Acres: Date: 1/15/2024







Soils data provided by USDA and NRCS.

|       | mbol MO127 Coil   |       |                     |                            |                        |                        |                               |                                |                              |                        |                                   |                      |
|-------|---|-------|---------------------|----------------------------|------------------------|------------------------|-------------------------------|--------------------------------|------------------------------|------------------------|-----------------------------------|----------------------|
|       | mbol: MO137, Soil   |       |                     |                            |                        | ,                      |                               |                                |                              |                        |                                   |                      |
| Code  | Soil Description  | Acres | Percent<br>of field | Non-Irr<br>Class<br>Legend | Non-Irr<br>Class<br>*c | Alfalfa<br>hay<br>Tons | Caucasian<br>bluestem<br>Tons | Common<br>bermudagrass<br>Tons | Orchardgrass red clover Tons | Tall<br>fescue<br>Tons | Warm<br>season<br>grasses<br>Tons | *n NCCPI<br>Soybeans |
| 50008 | Keswick silt loam,<br>5 to 9 percent<br>slopes, eroded                            | 12.93 | 21.1%               |                            | Ille                   |                        |                               |                                |                              |                        |                                   | 47                   |
| 50040 | Lindley loam, 14 to<br>20 percent slopes,<br>eroded                               | 12.69 | 20.7%               |                            | Vle                    |                        |                               |                                |                              |                        |                                   | 50                   |
| 60113 | Goss gravelly silt<br>loam, 20 to 30<br>percent slopes                            | 10.74 | 17.5%               |                            | Vle                    | 4                      | 6                             | 5                              | 5                            | 5                      | 6                                 | 8                    |
| 60142 | Keswick loam, 9 to<br>14 percent slopes,<br>eroded                                | 8.47  | 13.8%               |                            | IVe                    |                        |                               |                                |                              |                        |                                   | 37                   |
| 56001 | Piopolis silty clay<br>loam, 0 to 2<br>percent slopes,<br>occasionally<br>flooded | 8.32  | 13.6%               |                            | IIIw                   |                        |                               | 7                              | 6                            | 7                      | 9                                 | 67                   |
| 50020 | Calwoods silt<br>loam, 2 to 5<br>percent slopes                                   | 7.96  | 13.0%               |                            | lle                    | 5                      | 7                             | 6                              | 7                            | 6                      | 7                                 | 58                   |
| 50042 | Lindley loam, 20 to<br>35 percent slopes,<br>eroded                               | 0.23  | 0.4%                |                            | Vle                    |                        |                               |                                |                              |                        |                                   | 31                   |



| Code | Soil Description | Acres | Percent<br>of field | Non-Irr<br>Class<br>Legend | Non-Irr<br>Class<br>*c |     | Caucasian<br>bluestem<br>Tons | Common<br>bermudagrass<br>Tons | Orchardgrass red<br>clover Tons | Tall<br>fescue<br>Tons | Warm<br>season<br>grasses<br>Tons | *n NCCPI<br>Soybeans |
|------|------------------|-------|---------------------|----------------------------|------------------------|-----|-------------------------------|--------------------------------|---------------------------------|------------------------|-----------------------------------|----------------------|
|      | Weighted Average |       |                     |                            |                        | 1.3 | 2                             | 2.6                            | 2.6                             | 2.6                    | 3.2                               | *n 43.5              |

<sup>\*</sup>n: The aggregation method is "Weighted Average using all components" \*c: Using Capabilities Class Dominant Condition Aggregation Method