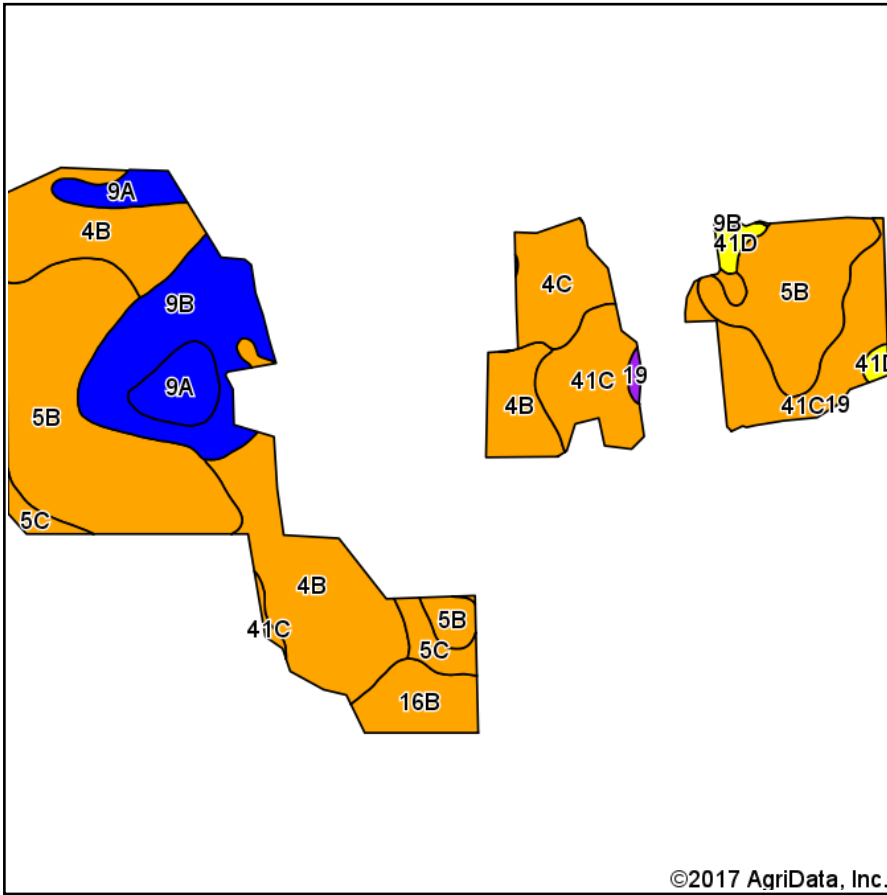
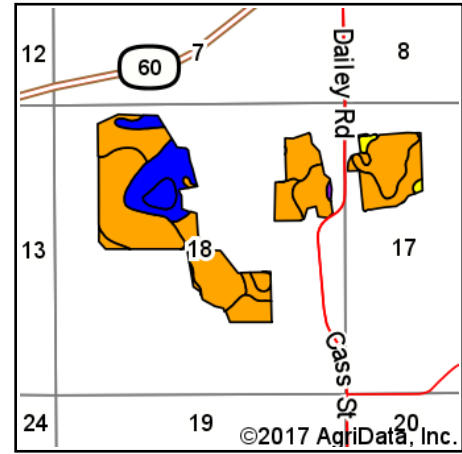


Soils Map



Soils data provided by USDA and NRCS.



State: **Michigan**
 County: **Cass**
 Location: **18-7S-15W**
 Township: **Jefferson**
 Acres: **180.66**
 Date: **4/6/2017**



Maps Provided By:



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Area Symbol: MI027, Soil Area Version: 12

| Code | Soil Description | Acres | Percent of field | Non-Irr Class Legend | Water Table | Soil Drainage | Non-Irr Class *c | Irr Class *c | Alfalfa hay | Alfalfa hay Irrigated | Corn | Corn Irrigated | Corn silage | Corn silage Irrigated | Oats | Soybeans | Soybeans Irrigated | Winter wheat |
|------|--|-------|------------------|----------------------|-------------|---------------|------------------|--------------|-------------|-----------------------|------|----------------|-------------|-----------------------|------|----------|--------------------|--------------|
| 5B | Spinks loamy sand, 0 to 6 percent slopes | 56.03 | 31.0% | | > 6.5ft. | Well drained | IIIs | IIIs | | | | | | | | | | |
| 4B | Oshtemo sandy loam, 2 to 6 percent slopes | 44.51 | 24.6% | | > 6.5ft. | Well drained | IIIs | IIIs | 3.5 | 8 | 100 | 175 | 10 | 27 | 80 | 30 | 57 | 45 |
| 41C | Spinks-Oshtemo complex, 6 to 12 percent slopes | 25.01 | 13.8% | | > 6.5ft. | Well drained | IIIs | IIIs | | | 68 | 155 | 12 | 23 | 55 | 23 | 50 | 30 |
| 9B | Kalamazoo loam, 2 to 6 percent slopes | 21.13 | 11.7% | | > 6.5ft. | Well drained | IIs | IIs | | | | | | | | | | |
| 4C | Oshtemo sandy loam, 6 to 12 percent slopes | 9.48 | 5.2% | | > 6.5ft. | Well drained | IIIs | IIIs | | | | | | | | | | |
| 9A | Kalamazoo loam, 0 to 2 percent slopes | 9.08 | 5.0% | | > 6.5ft. | Well drained | IIs | IIs | | | | | | | | | | |
| 16B | Ormas loamy sand, 0 to 6 percent slopes | 7.43 | 4.1% | | > 6.5ft. | Well drained | IIIs | IIIs | 3.5 | | 80 | | 17 | | | 28 | | 36 |



| | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|------|------|--|----------|---------------------|------|------|--|----------|----------|-------------|-------------|------------|------------|-------------|-------------|-----------|-----------|
| 5C | Spinks loamy sand, 6 to 12 percent slopes | 5.22 | 2.9% | | > 6.5ft. | Well drained | IIIe | IIIe | | | | | | | | | | | |
| 41D | Spinks-Oshstemo complex, 12 to 18 percent slopes | 2.17 | 1.2% | | > 6.5ft. | Well drained | IVe | | | | | | | | | 50 | | 24 | |
| 19 | Houghton muck, 0 to 1 percent slopes | 0.60 | 0.3% | | 0ft. | Very poorly drained | Vw | | | | | | | | | | | | |
| Weighted Average | | | | | | | | | | 1 | 2 | 37.3 | 64.6 | 4.8 | 9.8 | 27.9 | 11.7 | 21 | 17 |

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.