Table 2.Mean total SOM and active C for all fields and paired t-tests and mean CVs for field comparison across 13 farms in Michigan.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Fields | Total SOM | Active C |  | Field Comparisons | Total SOM | Active C | Total SOM | Active C |
|  | g SOM kg-1 | μg C g-1 soil day-1 |  |  | t-test | t-test | Coefficient of Variation | Coefficient of Variation |
| Best | 38.6 ± 0.1 | 43.0 ± 0.3 |  | Best vs. Worst | 2.8 |  5.8\*\* | 0.05 ± 0.01 | 0.30 ± 0.03 |
| Worst | 37.0 ± 0.1 | 29.1 ± 0.2 |  | Best vs. Choice | 0.8 |  1.9 | 0.10 ± 0.02 | 0.43 ± 0.04 |
| Choice | 36.5 ± 0.3 | 30.8 ± 0.5 |  | Worst vs. Choice | 0.4 |  -0.3 | 0.11 ± 0.02 | 0.25 ± 0.03 |
| NRC | 47.0 ± 0.3 | 40.3 ± 0.4 |  | Best vs. NRC | -2.2\* |  0.8 | 0.20 ± 0.03 | 0.24 ± 0.03 |
|  |  |  |  | Worst vs. NRC | -2.3\* |  -2.8\*\* | 0.20 ± 0.03 | 0.31 ± 0.04 |
| P<0.05=\*, P<0.01=\*\* |  | Choice vs. NRC | -2.2\* |  -1.4 | 0.21 ± 0.03 | 0.40 ± 0.04 |