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**Agricultural Laboratory Proficiency**

**(ALP) Program Results**

**NO3-N ISE**

360 Yield Center participated in the Fall 2016 soil testing program with the Agricultural Laboratory Proficiency (ALP) Program. ALP is a national proficiency testing program that monitors soil analysis for consistency, accuracy and reliability. Participating labs receive homogenized, dried and ground standardized soil samples, then measure the samples and report their results back to the testing programs. The results are compiled and compared to the other lab participants.

Again, 360 SOILSCAN reported results consistent with the standardized soil samples and well within the range for all participating laboratories. The chart below shows a breakdown of our performance according to each standardized sample. The complete report can be found at http://www.collaborativetesting.com/assets/news/31\_WebSum.pdf. Our results are listed under lab code H7HGXWon page 45 for NO3-N ISE.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Units** | **Samples** | **360 SOILSCAN Mean (ppm)** | **Grand Median for All Labs****(ppm)** | **Range for All Labs (ppm)** |
| 128 NO3-N ISE |  | SRS1611 | 41.7 | 41.7 | 32.7-50.6 |
|  | mg/kg | SRS1612 | 31.3 | 33 | 27.3-38.8 |
|  |  | SRS1613 | 27 | 27 | 20.8-33.2 |
|  |  | SRS1614 | 61.7 | 69.5 | 53.6-85.5 |
|  |  | SRS1615 | 31.3 | 26 | 15.4-36.6 |

Results: NO3-N ISE

Test code: NO3-N Ion-selective electrode

Units: Measured in mg/kg

Samples: Standardized soil sample

360 SOILSCAN Mean: Average of 3 test results per standardized sample

Grand Median: The median of all included Lab Means submitted for each sample-property.\*

Range for All Labs: Lowest to highest results for all 11 participating labs

\*Previously identified as: Average Mean for All Labs: Average of 3 test results per standardized sample for all 11 participating labs.

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**Agricultural Laboratory Proficiency**

**(ALP) Program Results**

**pH (1:1) Water**

360 Yield Center participated in the Fall 2016 soil testing program with the Agricultural Laboratory Proficiency (ALP) Program. ALP is a national proficiency testing program that monitors soil analysis for consistency, accuracy and reliability. Participating labs receive homogenized, dried and ground standardized soil samples, then measure the samples and report their results back to the testing programs. The results are compiled and compared to the other lab participants.

360 SOILSCAN reported results consistent with the standardized soil samples and well within the range for all participating laboratories. The chart below shows a breakdown of our performance according to each standardized sample. The complete report can be found at http://www.collaborativetesting.com/assets/news/31\_WebSum.pdf. Our results are listed under lab code H7HGXWon page 31 for pH (1:1) Water.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Units** | **Samples** | **360 SOILSCAN Mean (ppm)** | **Grand Median for All Labs****(ppm)** | **Range for All Labs (ppm)** |
| 116 pH (1:1) Water |  | SRS1611 | 6.23 | 6.26 | 6.07-6.46 |
|  | Unit | SRS1612 | 4.93 | 5.1 | 4.91-5.29 |
|  |  | SRS1613 | 6.7 | 6.65 | 6.52-6.79 |
|  |  | SRS1614 | 4.67 | 4.6 | 4.44-4.76 |
|  |  | SRS1615 | 5.9 | 5.82 | 5.7-5.95 |

 Results: pH (1:1) Water

Test code: pH (1:1) Water

Units: Measured in Unit

Samples: Standardized soil sample

360 SOILSCAN Mean: Average of 3 test results per standardized sample

Grand Median: The median of all included Lab Means submitted for each sample-property.\*

Range for All Labs: Lowest to highest results for all 62 participating labs

\*Previously identified as: Average Mean for All Labs: Average of 3 test results per standardized sample for all 62 participating labs.

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**Agricultural Laboratory Proficiency**

**(ALP) Program Results**

**Water**

360 Yield Center participated in the Fall 2016 water testing program with the Agricultural Laboratory Proficiency (ALP) Program. ALP is a national proficiency testing program that monitors water analysis for consistency, accuracy and reliability. Participating labs receive standardized water samples, then measure the samples and report their results back to the testing programs. The results are compiled and compared to the other lab participants.

360 SOILSCAN reported results consistent with the standardized water samples and well within the range for all participating laboratories. The chart below shows a breakdown of our performance according to each standardized sample. The complete report can be found at http://www.collaborativetesting.com/assets/news/31\_WebSum.pdf. Our results are listed under lab code H7HGXWon page 213 for Water.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Code** | **Units** | **Samples** | **360 SOILSCAN Mean (mmolc/L)** | **Grand Median for All Labs****(mmolc/L)** | **Range for All Labs (mmolc/L)** |
| 314 NO3 |  | SRW1607 | .037 | .063 | 0.023-0.103 |
|  | mmolc/L | SRW1608 | .025 | .030 | 0.005-0.055 |
|  |  | SRW1609 | .012 | .010 | 0.000-0.027 |

 Results: Water

Test code: NO3

Units: Measured in mmolc/L (millimoles per liter)

Samples: Standardized soil sample

360 SOILSCAN Mean: Average of 3 test results per standardized sample

Grand Median: The median of all included Lab Means submitted for each sample-property.\*

Range for All Labs: Lowest to highest results for all 14 participating labs

\*Previously identified as: Average Mean for All Labs: Average of 3 test results per standardized sample for all 14 participating labs.