



IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

Mike Naig, Secretary of Agriculture
www.IowaAgriculture.gov

Henry A. Wallace Building
502 E. 9th Street, Des Moines, IA 50319

To be listed as certified, laboratories must achieve an average score of 80% or greater in the Iowa program of the NAPT Soil Testing Proficiency Program. If laboratories do not get greater than 80% for a given quarter, they will be dropped from the certified list until they either satisfactorily reanalyze a set of unknowns provided by NAPT or wait until they have achieved two consecutive quarters with scores over 80%. As a reminder, Iowa requires the following results be included when quarterly data are submitted to NAPT.

1. pH (1:1) water
2. SMP Buffer pH or Sikora Buffer pH (if pH < 7)
3. Phosphorus (choice of Bray, Olsen, M3 color, M3 ICP)
4. Potassium (choice of NH₄OAc or K-M3)
5. Zn-DTPA
6. Organic matter (choice of Walkley-Black, LOI, or combustion)

Results MUST be submitted for each of these six tests on all five samples that are provided by NAPT each quarter. If data are reported on more than one method for phosphorus, potash, or organic matter, all results will be counted in calculating your scores. Laboratories must get at least 80% of analyses within 2.5X MAD. If you do not submit data for one of the six categories, that test will be scored as a “zero”.

When pH values are scored, we use +/- 2.5X MAD or +/- 0.1 pH units, whichever is larger, to determine acceptable values.

Please contact me if you have any questions. 515-725-1478

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