



To be listed as certified, laboratories must achieve an average score of 80% or greater to remain a certified laboratory in the Iowa program. If laboratories do not get greater than 80% for a 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 two consecutive quarters with scores over 80%. As a reminder, Iowa requires the following results be included when quarterly data is 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 is submitted for more than one method on phosphorus, potash, or organic matter, all results will be counted in calculating final scores. Laboratories must get at least 80% of the analyses within 2.5X MAD. Therefore, if the laboratory submits more data than required, it could help or hurt the final score. If the laboratory does not submit data for one of the six categories, that test will be scored as “zero”.

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

The website for listing certified laboratories in Iowa is found on the following page.

<https://iowaagriculture.gov/commercial-feed-and-fertilizer-bureau/commercial-fertilizer>

Please contact me if you have any questions.

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