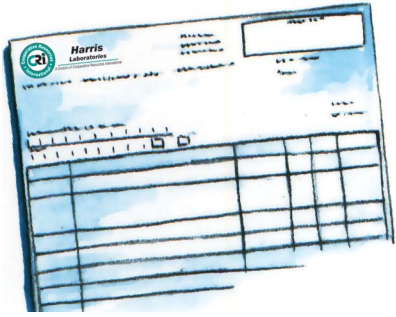


Harris Laboratories



Instruction Guide

Irrigation Suitability Water Test for Turf Grass

Analysis included in the Harris Laboratories Irrigation Suitability test package includes:

Water pH, Hardness, Bicarbonate, Carbonate, Electrical Conductivity (E_{cw}), Total Dissolved Solids, Sodium, Chloride, Boron,

Steps for collecting and shipping water samples:

1. A clean plastic container should be used. Rinse the bottle (including the lid) several times with the water to be tested. If desired, the laboratory will supply sampling kits, including clean plastic bottles.
2. To reflect the water quality at the time of application, collect sample from the pumping station or within the irrigation system.
3. If a system of irrigation wells (ground water) is being used, sample each well separately. This will qualify the water specifically from each well. (This is important if pumping into a holding pond.)
4. When collecting a sample from the irrigation system, let the water run for two to three minutes before collecting the sample. (This will purge static water from the system.)
5. When sampling from a pond, collect water from the pumping station. If possible, DO NOT collect the water from the side of the irrigation pond, sediment will act as a contaminant.
6. Fill the bottle and eliminate all head space. Be sure the lid is tight so that samples do not leak during transit. Laboratory needs at least 100 ml (about 6 ounces) of water.
7. If using glass, be sure to use adequate packaging.
8. If possible, collect and ship sample(s) the same day.
9. Be sure bottles are clearly identified and necessary paperwork is completed before shipping. Laboratory information sheets are available at the Harris Laboratories Web site, harristurf.agsource.com.



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Harris Laboratories provides complimentary sampling supplies, simply contact us. ←