



TPS Lab

A FULL SERVICE
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ANALYTICAL AND CONSULTING AGRONOMIC LABORATORY.

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TO GET THE MOST FROM YOUR PLANTS

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WATER SAMPLING

Minimum Volumes of Samples -

20 ounces for most tests.

40 ounces for tests requiring biological assays (*Domestic Suitability*) and tests involving Alkalinity (including *Hydroponic Suitability*).

Containers –

For non-biological tests a clean plastic water or soda bottle may be used. Be sure that it has been thoroughly washed and clean before filling. Tightly cap the bottle and pack it securely in the shipping container.

For biological tests – **A sterile container must be used!** A readily-available container can be a new, unused bottled water bottle. Empty out the original contents, **taking care not to touch the inside of the cap or the inside of the neck of the bottle.** Fill with sample and tightly re-cap.

Ship **OVERNIGHT** in an insulated container with ice. Do not allow the sample to freeze.

Special Circumstance Sampling Procedures –

Irrigation Systems – Take sample from an active system that is free of stagnant water and representative of the water being actually applied to the soil.

Pond or Lake – Samples should be taken from several depths and locations, if possible. These are to be combined into one composite sample to be sent to the lab for analysis.

Deep Well or Lake – If deeper than 100 feet, **Boron** testing is recommended, as Boron generally concentrates in deeper waters.

It is recommended that a container no larger than a quart should be used, due to possible breakage or leakage during shipment.