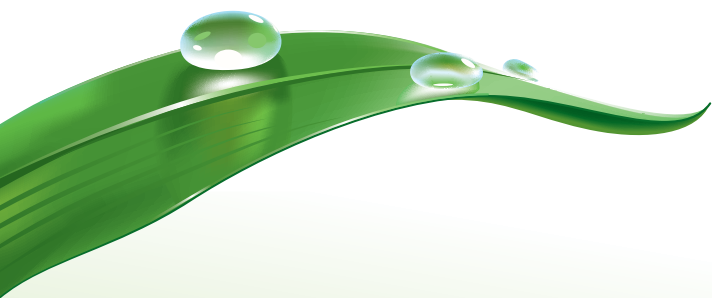




basic
laboratory



agricultural testing services

www.basiclab.com



Member of Soil Science Society of America (SSSA), American Society of Agronomy (ASA), and Crop Science Society of America (CSSA)



agricultural testing

Basic Laboratory is now offering a wide range of agricultural testing services to meet the needs of the Northern California farming community. We are a full service testing laboratory with locations in Redding and Chico.

soils analysis

Testing your soil before planting will help you identify any nutrient deficiencies, and allows you to prepare a proper fertilization mixture specific to the plants you intend to grow.

plant tissue analysis

Testing your plant tissue will help you measure the actual effectiveness of your fertilization mixture, so you can make any necessary changes to adapt your fertilizer to the needs of your specific application.

other services

- Sampling Plan Consulting
- Field Sampling (upon request)
- Custom Reports
- Electronic Data Delivery
- Online Data Access

environmental testing

Basic Laboratory is also certified by the State of California to perform drinking water, wastewater, storm water, and discharge permit analysis.



list of analyses

soils

Organic Matter
Nitrogen, Total
Phosphorus
Sulfur
Boron
pH
Soil Salinity
Sulfur
Cation Exchange
Capacity (CEC)

Calcium (extractable)
Magnesium (extractable)
Sodium (extractable)
Potassium (extractable)
Calcium (soluble)
Magnesium (soluble)
Sodium (soluble)
Potassium (soluble)
Copper

Iron
Manganese
Zinc
Sodium Adsorption
Ratio (SAR)
Texture
Lime Requirement
Gypsum Requirement
Metals

plant tissue

Nitrogen, Total
Phosphorus
Potassium
Sulfur
Boron
Calcium

Magnesium
Sodium
Aluminum
Copper
Iron
Manganese

Molybdenum
Zinc
Chloride
Nitrogen-Nitrate
Metals

fertilizer (organic & chemical)

Moisture
Ash
Nitrogen, Total
Phosphorus
Potassium
Sulfur
Calcium

Magnesium
Sodium
Aluminum
Copper
Iron
Manganese
Zinc

pH
Salinity
Carbon/Nitrogen Ratio
Organic Matter
Nitrogen-Nitrate
Metals

feeds

Moisture
Crude Protein
Digestible Protein
Crude Fat

Crude Detergent Fiber
Acid Detergent Fiber
Nitrogen Feed Extract (NFE)
Total Carbohydrates

Ash
Total Digestible
Nutrients (TDN)
Nitrogen, Total

sampling instructions

(contact us for complete instructions)

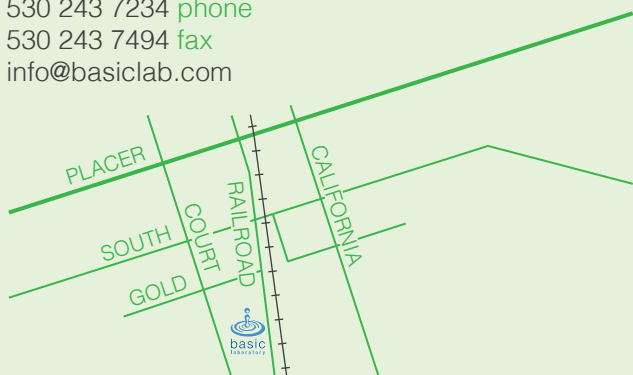
For soil samples, collect 15-20 small, discrete samples, seven to eight inches deep, from around your planting area. Mix them together, then fill a one-quart zip-lock bag for delivery to the laboratory.

Because plant tissue sampling is highly dependent on the type of plant, the stage of growth, and the part of the plant being sampled, please contact us for specific instructions regarding your application.



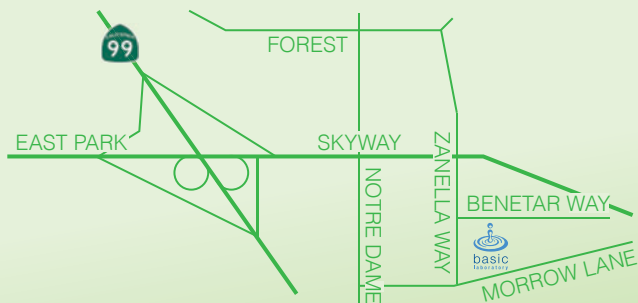
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