



Why Soil Test?

Get accurate baseline data for your soil nutrients from a nationally accredited soil lab

- Reduce fertilizer inputs
- Monitor crop nutrient availability
- Avoiding nutrient deficiencies = avoiding crop yield loss
- Make effective and informed management decisions

SOIL TESTING SERVICES

Basic Nutrient Test \$65

This test reports basic plant available Macro nutrients at a water-soluble level

- Includes comments by a Certified Professional Soil Scientist
- Great for quickly diagnosing nutrient deficiencies

Heavy Metals (Northcoast Labs): for Compliance \$177

For CA State compliant growing, or those concerned about toxicity - test for 4 heavy metals:

Arsenic, Cadmium, Lead, Mercury

CAM 5 EPA Heavy Metal Test \$120

Zinc, Nickle, Lead, Chromium, Cadmium

CAM 17 EPA Heavy Metal Test \$325

Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickle, Selenium, Sliver, Thallium, Vanadium, Zinc, Mercury

Full Nutrient Test \$100

This test reports basic plant available Macronutrients and Micronutrients at a water-soluble level

- Includes comments by a Certified Professional Soil Scientist
- Great for quickly diagnosing nutrient deficiencies

Soil Pesticide Panel \$250 (CW Analytical)

Tests soil for Category I + II pesticides regulated by CalCannabis, essential for CA State Compliant growing

Advanced Nutrient Test \$140

This test reports plant available Macronutrients and Micronutrients nutrients at water-soluble and insoluble levels

- A deeper extraction pulls the nutrients that are bound and held in your soil, as well as readily available nutrients
- Recommended for native (ie mineral based) soils
- Includes comments by a Certified Professional Soil Scientist

TERMS DEFINED:

- **Macronutrients:** nutrients needed in large quantities by the plant. *Calcium, Magnesium, Sodium, Potassium, Nitrate, Phosphate*
- **Micronutrients:** nutrients needed in trace amounts by the plant. *Iron, Copper, Manganese, Zinc, Chloride, Boron*
- All Potting Media soil nutrient test results no longer include an Organic Matter statistic.
- Native soil nutrient tests include Organic Matter.
- All soil tests come with comments



Pesticide Panel: The following is a list of chemicals that are tested for in a soil or plant tissue Pesticide Panel.

Abamectin	Dichlorvos	Naled
Acephate	Dimethoate	Oxamyl
Acequinocyl	Dimethomorph	Paclobutrazol
Acetamiprid	Ethoprophos	Parathion methyl
Aldicarb	Etofenprox	PCNB
Azoxystrobin	Etoxazole	Permethrin
Bifenazate	Fenhexamid	Phosmet
Bifenthrin	Fenoxycarb	Piperonyl butoxide
Boscalid	Fenpyroximate	Prallethrin
Captan	Fipronil	Propiconazole
Carbaryl	Flonicamid	Propoxure
Carbofuran	Fludioxonil	Pyrethrin
Chlorantraniliprole	Hexythiazox	Pyridaben
Chlordane	Imazalil	Spinetoram
Chlorfenapyr	Imidacloprid	Spinosad
Chlorpyrifos	Kresoxim-methyl	Spiromesifen
Clofentezine	Malathion	Spirotetramat
Coumaphos	Metalaxyl	Spiroxamine
Cyfluthrin	Methiocarb	Tebuconazole
Cypermethrin	Methomyl	Thiacloprid
Daminozide	Mevinphos	Thiamethoxam
Diazinon	Myclobutanil	Trifloxystrobin

FYI:

** IA does not test flower or final product for Cannabis purity or potency. Several labs in and out of the area provide these testing services. We recommend that you contact those labs to discuss sample submittal, drop spot/transportation logistics, testing packages and pricing.*

Lab Referrals

HQAL – Arcata

EVIO Labs – Eureka

CW Analytics – Eureka, Bay Area. Drop Spots: TH and HPRC

SC Labs – Bay Area, Local Drop Spots: TH and HPRC



Why Water Test?

It's good to know what's in your water before you feed it to your plants

- Irrigation water that has high or low pH can harm plants
- Hard water can lock-out nutrients. Use test data to decide if water filtration is right for you
- Identify potentially harmful nutrient levels in irrigation water
 - High sodium and chloride can be an issue in some coastal areas
 - We live in the only area in the nation that deals with toxic Boron levels in groundwater
- Nutrient levels fluctuate throughout wet and dry seasons
 - Test throughout season and stay on top of changes in your irrigation water
- Make effective and informed management decisions

WATER TESTING SERVICES

Complete Water Test \$115

- Includes: pH, EC; Macro and Micro Nutrients
 - Macronutrients: Calcium, Magnesium, Sodium, Potassium, Nitrate, Phosphate
 - Micronutrients: Iron, Copper, Manganese, Zinc, Chloride, Boron
- Includes EPA water hardness designation
- Combine with soil test in spring and mid-growing season

FYI:

** IA outsources for heavy metals to North Coast Labs (NCL). If the client prefers to outsource to NCL through IA, for a handling fee, we will help them choose the right testing package, submit a proper sample, and help them read the report.*

**For household drinking water analysis, bacterial/biological water tests (i.e., E. coli and coliform), we recommend going directly to North Coast Labs due to the complexity of the sampling procedure.*