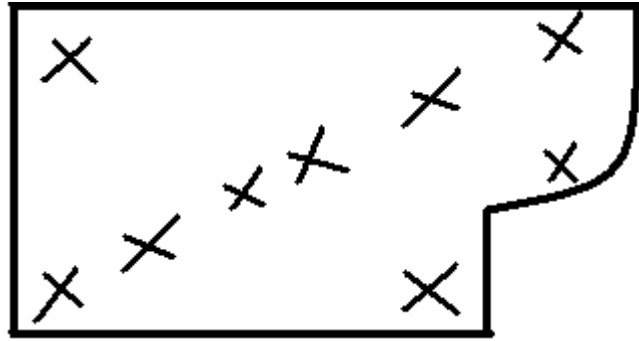
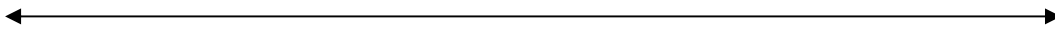


# LAWN & GARDEN SOIL SAMPLING PROCEDURE



1. Take an 8" to 12" deep core (1" to 2" wide hole) from several spots within the area you wish to sample. As a general rule, take 10 samples per 100 sq. ft. or 20 to 30 samples from a large area of one to five acres. Try to get a representative total sample by taking your small samples systematically (walk a transect from one corner of the area to the other as shown above).
2. Mix all the samples together in a bucket and then select two cups from that mixture. Put the two cups of soil in a paper bag and let AIR dry for one to two days. Place the dried two cup sample in a labeled Ziplock plastic bag.
3. Indicate what you are growing (shrubs, grass, garden ect.), so they can give a fertilizer recommendation for the correct crop.
4. See enclosed list of labs to choose from to send to.



For clarification of the soil analysis, contact the Missoula County Plant Clinic @  
258-4213

# Soil Testing Labs:

## Midwest Labs

13611 B Street  
Omaha, NE 68144  
402-334-7770

[www.midwestlabs.com](http://www.midwestlabs.com)

Cost: \$13.20 with recommendations  
Lawn & Garden –(does not include nitrate  
nitrogen) \$25.00 with fertilizer  
Recommendations given in pounds per  
Acre, 1000 or 100 square feet

## Energy Laboratories, Inc.

P.O. Box 30916  
Billings, Mt. 59107  
1-800-735-4489

[www.energylab.com](http://www.energylab.com)

Includes Fertilizer Recommendation  
And Analysis  
Cost: \$68.50

## B&C Ag Consultants

315 South 26<sup>th</sup> Street  
P.O. Box 1184  
Billings, Mt. 59107  
1-800-764-1622  
Cost: \$43.00

## Colorado State University

Soil, Water and Plant Testing Lab  
Natural and Environmental Sciences Building  
Room A-319  
Fort Collins, CO 80523-1120  
Cost: \$28.00  
[www.colostate.edu/Depts/SoilCrop/soillab.html](http://www.colostate.edu/Depts/SoilCrop/soillab.html)

S1AN test:(\$13.20)

organic matter, phosphorus,  
nitrate-nitrogen, potassium,  
Magnesium, calcium,  
hydrogen, pH, buffer  
index, cation exchange  
capacity, percent base  
saturation of cation elements,  
estimated nitrogen release

Lawn & Garden Test:

pH, nitrate, sodium, sulfate,  
salt hazard (conductivity),  
texture, lime, potassium,  
organic matter, available  
phosphorus, calcium

S-1 Test:

pH, nitrate, organic matter,  
potassium, phosphorus,  
calcium, magnesium, sodium,  
sulfur, boron, copper, iron,  
manganese, soluble salts,  
Total bases(CEC), Eff.(Free  
lime)

General Fertility Package:

pH, Conductivity, organic  
matter, nitrate, potassium,  
Phosphorus, zinc, iron, copper  
manganese, lime estimate,  
texture estimate

\*\*\*Note: There are likely other laboratories that can meet your analytical needs. These were the laboratories that were known about at the time of this report. Prices can change, please call for current pricing.