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SOIL AMENDMENTS QUOTE

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 Bloomfield, CT 06002

Email Address: lab@harringtonsorganic.com
Sq Ft: 10000 **Soil Test Date:** 4/11/2020
Acct #: 2727 **Phone #:** 860-243-8700

We have completed your soil test and provide these soil amendment recommendations based on the results. Following through with your customized amendments is strongly recommended as doing so will optimize the health of your landscape. We can schedule the services to suit your landscaping goals and your budget. Please INITIAL all amendments you would like us to complete. Retain a copy for your records. The returned, approved quote sheet will be our work order for services to be performed. Thank you.

* These recommendations are NOT included in your program; however, if you have signed up for our premium program, concentrated compost tea drench is included in the spring and fall

PRIMARY NUTRIENTS: Nitrogen and potassium are included throughout the program and phosphorus is provided in the fall application. However, your soil test may indicate a severe phosphorus or potassium deficiency that requires an additional application.

***Nitrogen** is an essential plant nutrient, required to form proteins, enzymes, carbohydrates, and chlorophyll. Each compost tea application provides both organic nitrogen and soil microbe populations which increase nitrogen cycling.

***Phosphorus** is needed for rapid seedling growth, winter hardiness, disease resistance, efficient water use, and fruit and flower development.

An application of _____ lb. P₂O₅ is needed to correct the low soil phosphorus per your soil test.

***Potassium** is essential for photosynthesis and cell wall development, promotes root reserves, supports winter hardiness, and strengthens the plant's resistance to insects and disease.

An application of _____ lb. K₂O is needed to correct the low soil potassium per your soil test.

SECONDARY NUTRIENTS: Calcium, magnesium and sulfur stimulate root and leaf development, assist in photosynthesis, and build proteins. Plants grow best when calcium, magnesium and pH are within certain ratios; therefore, lime (dolomitic or calcitic), sulfur, epsom salt, or gypsum are recommended to bring these elements into optimal ranges, and also to improve soil structure.

An application of _____ Gypsum _____ is needed.

Your soil needs 15 lb./1000 sq.ft. in 1 application(s) of 150 lb. each, 4-6 months apart.

An application of _____ is needed.

Your soil needs _____ lb./1000 sq.ft. in _____ application(s) of _____ lb. each, 4-6 months apart.

***MICRO NUTRIENTS:** Iron, manganese, zinc, copper and boron are needed in very small amounts to produce a deeper green color and help plants heal after an insect or disease attack. These are included in our program.

CONCENTRATED COMPOST TEA DRENCH: Your soil test indicates a need for a concentrated compost tea application to balance nutrient excesses or deficiencies. The drench contains high populations of beneficial microorganisms such as bacteria, fungi, protozoa, and nematodes and is applied at 2.5 gal./1000 sq ft. Please note, tea drenches are already included in the Premium Lawn Care Program.

ORGANIC MATERIAL: Organic material in the form of compost, pelletized compost or soil conditioner containing humate rebuilds depleted soils and provides the food resources to support high microbial populations. In return, these microbes decompose organic material, make nutrients available to plants, and improve soil structure for good air and water circulation. Soil test results indicate:

*An application of PELLETIZED COMPOST or SOIL CONDITIONER is needed.

Your soil needs 25 lb./1000 sq.ft. in 1 application(s) of 250 lb. each, 4-6 months apart.

*An application of COMPOST is needed.

Your soil needs ONE application of _____ cubic yards/1000 sq.ft. cubic yards. Total of _____ cubic yards.

CORE AERATION: Compacted soil zones prevent air and water from circulating, causing wet, anaerobic conditions that kill beneficial microbes, encourage disease and pathogens, and prevent roots from accessing the nutrients and moisture they require. We recommend a core aeration (the removal of 1/2 inch wide x 2-3 inch deep cores) to alleviate compaction.

I have an Irrigation System. I have an Invisible Dog fence.

***DAMAGE WAIVER:** It is the customer's responsibility to mark irrigation heads and dog fence wires prior to our arrival for a core aeration. If you have such equipment, we will notify you in advance so you have adequate time to prepare; you will incur a \$50.00 charge if equipment is not marked. We are not responsible for damages caused by coring if equipment is not marked or is mis-marked. By initialzing, you the customer understand and you are in agreement with this waiver.

MICROORGANISMS TO DECOMPOSE THATCH: Thatch is dead plant material between the roots and stems of turf grasses. Thatch provides ideal environments for harmful insects and fungus. It also decreases water supply to the roots resulting in stressed turf, increased disease problems, and wasted fertilizers.

Your lawn needs 2 dethatch application(s) 6-8 weeks apart.

Initial the application(s) you authorize & return one copy.
Prices Include Sales Tax

Cost	Initials
\$.00	_____
_____	_____
1. <u>\$138.26</u>	_____
2. _____	_____
1. _____	_____
2. _____	_____
1. <u>\$132.94</u>	_____
1. <u>\$191.43</u>	_____
2. _____	_____
1. _____	_____
_____	_____
<u>\$531.75</u>	_____
1. <u>\$ 85.08</u>	_____
2. <u>\$ 85.08</u>	_____
3. _____	_____