

**UNIVERSITY OF CONNECTICUT – DEPARTMENT OF PLANT SCIENCE
SOIL NUTRIENT ANALYSIS LABORATORY**

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SOIL pH RESULTS AND RECOMMENDATIONS

Name: McClure Construction Co Date: 8/29/12

Address: PO BOX 367

City: Waterford State: CT Zip Code: _____

County: _____ Phone: _____ Fax: _____

please check if you want results faxed

Soil pH is the measurement of a soil's acidity. The pH scale ranges from 0 to 14 with a pH of 7 being neutral. Values below 7 are considered acidic while those above indicate alkaline conditions. Most garden plants perform best when the pH is around 6.5. Acid loving plants, such as rhododendrons and blueberries prefer a soil pH close to 5.0. The addition of lime will increase the soil pH

| Sample ID | Crop | pH value | Recommended Ground Limestone | | Remarks |
|-----------|------|----------|------------------------------|----------------|---------|
| | | | lbs/100 sq.ft | lbs/1000 sq/ft | |
| | Lawn | 4.7 | | 150 | 2 |
| | | | | | |
| | | | | | |
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REMARKS

- 1) Soil pH is in optimal range for crop being grown. Five pounds per 100 square feet (50 lbs/1000 sq. ft.) can be added every other year to maintain this pH level.
- 2) Soil pH is lower than recommended for the crop being grown. Follow the above recommendations adding no more than 50 lbs limestone/ 1000 sq.ft. as a surface application or 100 lbs/ 1000 sq.ft. tilled in to a depth of 6 inches at one time. Soils can be amended with limestone both spring and fall (split application) until the pH level is in the desired range. Retest the soil after one year to check pH change
- 3) Soil pH is slightly elevated for crop being grown. No limestone is necessary this growing season.
- 4) Soil pH is too high. Apply _____ ounces of wettable sulfur per 100 sq ft. Only 1 to 1.5 lbs (16 to 24 oz.) of sulfur should be incorporated into the soil at one time so split applications may be necessary. Aluminum sulfate may also be used as directed