





Soil Test Report for - Area 1 Woods (crop: Trees Or Shrubs)

		Below Optimum	Optimum	Above Optimum
Phosphorus (P)	73 ppm			
Potassium (K)	328 ppm			
Magnesium (Mg)	349 ppm			
Calcium (Ca)	1961 ppm			
CEC	13.554 meq/100 g			
Soil type	MINERAL , Loamy sand			
Soil pH	6.9			
Lime index	0			
Organic Matter	5.4 %			

Follow Your Personalized Recommendations

Important: Always apply fertilizers according to label instructions

Your soil test indicates you need to apply 0 lb. phosphate (P2O5)/1000 sq. feet and 0 lb. potassium (K2O)/1000 sq. feet to meet recommendations. Below you will find several fertilizer options for helping you meet the soil test recommendations. After you select a fertilizer, use the fertilizer calculator to determine how much phosphorus and potassium the fertilizer you selected will apply.

» Part 1: Nitrogen and pH adjustment

Your fertilizer recommendations depend on your answers to the following questions

1. Do trees/shrubs have normal color and growth?
 1. Yes: **Do not fertilize**
 2. No: Go to 2.
2. What type of plant are you testing?
 1. **Acid loving plant (azalea, rhododendron, blue hydrangea)**
 - Add 3 lb sulfur / 100 sq ft
 2. **pH sensitive tree (pin oak, red maple, conifer)**
 - Add 1/3 lb sulfur / 100 sq ft
 3. **None of the above.** Add 0.1-0.2 lb N / 100 sq ft (for example: 1/4 to 1/2 lb 45-0-0 or 1 1/4 to 2

1/2 9-0-0 fertilizer per 100 sq ft). **No pH adjustment needed**

The following are typical fertilizers that can be used to satisfy the nutrient requirements of your garden. If the particular fertilizer is not available, choose a fertilizer close to the prescribed fertilizer and use the [Fertilizer Calculator](#) to determine how much nitrogen, phosphorus and potassium the fertilizer you choose applies.

» **Part 2: Phosphorus Very High (P > 20ppm)**

Recommended Phosphorus application per 100 sq ft

- Actual Phosphate Needed: 0 lb
- 0-20-0: 0 lb

OR

- 0-46-0: 0 lb

1/10th pound of fertilizer = approximately 1/4 cup

» **Part 3: Potassium Very High (K > 135ppm)**

Recommended Potassium application per 100 sq ft

- Actual Potash Needed: 0 lb
- 0-0-25: 0 lb

OR

- 0-0-60: 0 lb

1/10th pound of fertilizer = approximately 1/4 cup

Use slow release nitrogen sources (at least 50% water insoluble nitrogen (WIN))

Fertilize in the spring or in the fall after bud set.

» **Organic Matter Recommendation**

Organic matter in your soil is 5.4%. Your soil has an adequate level of organic matter and no further actions need to be taken. Mulching tree and shrubs with 2-3" of organic mulches can help maintain soil organic matter.