

## Field Nursery - Deciduous Trees (pre-plant) (Code #071)

Soil Test Rating	Potassium			
	Low K	Medium K	High K	Very High K
	Coast: 0-60 lbs/A Pied: 0-100 lbs/A	Coast: 61-150 lbs/A Pied: 101-200 lbs/A	Coast: 151-250 lbs/A Pied: 201-350 lbs/A	Coast: 250+ lbs/A Pied: 350+ lbs/A
Phosphorus	<i>Recommended Pounds N-P<sub>2</sub>O<sub>5</sub>-K<sub>2</sub>O per Acre</i>			
<b>Low P</b>  Coast: 0-30 lbs/A Pied: 0-20 lbs/A	50-200-200	50-200-100	50-200-0	50-200-0
<b>Medium P</b>  Coast: 31-60 lbs/A Pied: 21-40 lbs/A	50-100-200	50-100-100	50-100-0	50-100-0
<b>High P</b>  Coast: 61-100 lbs/A Pied: 41-75 lbs/A	50-0-200	50-0-100	50-0-0	50-0-0
<b>Very High P</b>  Coast: 100+ lbs/A Pied: 75+ lbs/A	50-0-200	50-0-100	50-0-0	50-0-0

Coast = Coastal Plain    Pied = Piedmont, Mountain, and Limestone Valley

### Recommendations:

Recommended pH:	6.0. If the pH is less than 6.0, see Lime Table C.								
Nitrogen:	50 pounds nitrogen (N) per acre								
Magnesium:	If soil test Mg level is low and lime is recommended, use dolomitic limestone; if soil test Mg is low and lime is not recommended, apply 25 pounds of Mg/Acre.								
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Coastal Plain</td> <td>Low: 0 - 60 lbs/acre</td> <td>Medium: 61 - 120 lbs/acre</td> <td>High: &gt;120 lbs/acre</td> </tr> <tr> <td>Piedmont</td> <td>Low: 0 - 120 lbs/acre</td> <td>Medium: 121 - 240 lbs/acre</td> <td>High: &gt;240 lbs/acre</td> </tr> </table>	Coastal Plain	Low: 0 - 60 lbs/acre	Medium: 61 - 120 lbs/acre	High: >120 lbs/acre	Piedmont	Low: 0 - 120 lbs/acre	Medium: 121 - 240 lbs/acre	High: >240 lbs/acre
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Piedmont	Low: 0 - 120 lbs/acre	Medium: 121 - 240 lbs/acre	High: >240 lbs/acre						

### Fact Sheet:

The recommended rates of phosphorus and potassium are based on one (1) acre of treated area. When phosphorus and potassium are to be applied by banding, fertilizer rates should be calculated on the basis of the area treated. For example, using a 10 foot row spacing and a 5 foot herbicide/fertilizer band per row, the banded rate would be calculated on the basis of 21,780 square feet. (43,560 sq. ft. per acre/10 ft. row spacing = 4,356 linear feet; 4,356 linear ft. x 5 ft. wide herbicide/fertilizer band = 21,780 sq. ft.)

Incorporate recommended amounts of phosphorus, potassium and limestone into the planting rows (band application) for wide row spacings or over the entire field for closely spaced plantings. Apply recommended rates only to the acreage being used for production.

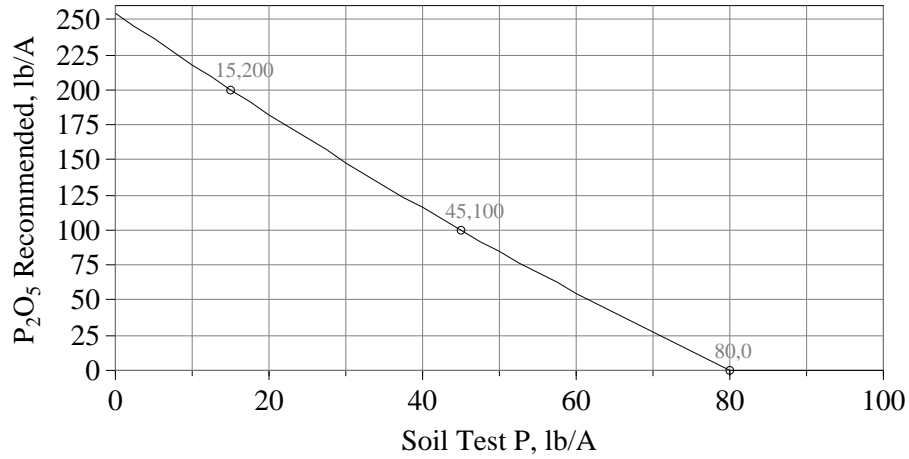
Incorporate nitrogen with other amendments when planting will promptly follow. If planting is to be delayed apply nitrogen immediately after planting.

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V5 - III

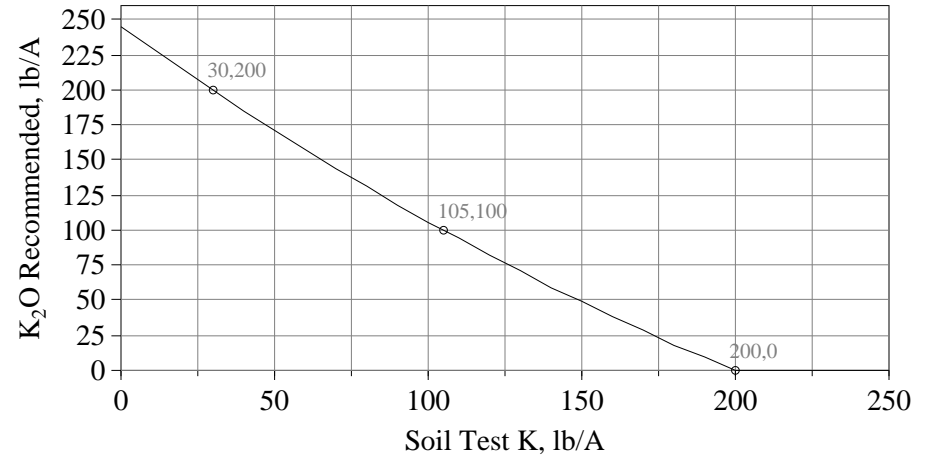
P Recommendations, Coastal Plain

$$P_2O_5 = 255 - 3.773P + 0.00733P^2$$



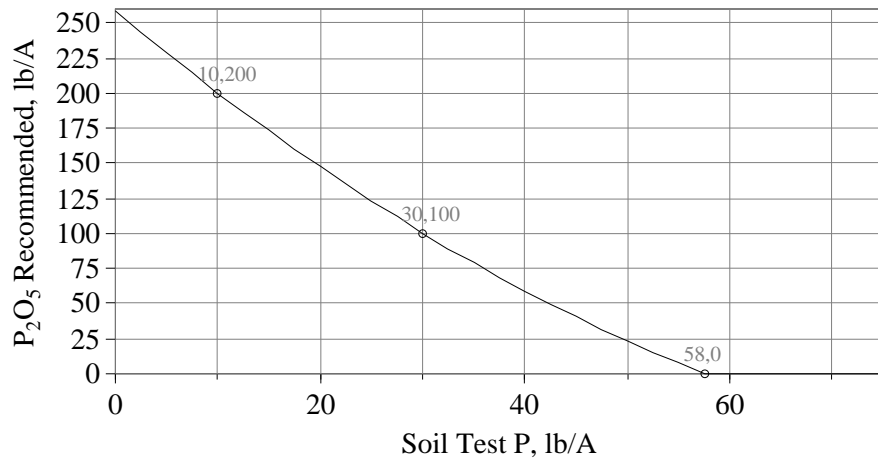
K Recommendations, Coastal Plain

$$K_2O = 245 - 1.556K + 0.00165K^2$$



P Recommendations, Piedmont

$$P_2O_5 = 259 - 6.148P + 0.02871P^2$$



K Recommendations, Piedmont

$$K_2O = 257 - 1.178K + 0.00089K^2$$

