

Tobacco (Average Pebble Soil) (Code #019)

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-P₂O₅-K₂O per Acre</i>			
Low P Coast: 0-30 lbs/A Pied: 0-20 lbs/A	50-100-180	50-100-150	50-100-130	50-100-125
Medium P Coast: 31-60 lbs/A Pied: 21-40 lbs/A	50-80-180	50-80-150	50-80-130	50-80-125
High P Coast: 61-100 lbs/A Pied: 41-75 lbs/A	50-45-180	50-45-150	50-45-130	50-45-125
Very High P Coast: 100+ lbs/A Pied: 75+ lbs/A	50-20-180	50-20-150	50-20-130	50-20-125

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: 40px;"> <tr> <td>Coastal Plain</td> <td>Low: 0 - 30 lbs/acre</td> <td>Medium: 31 - 60 lbs/acre</td> <td>High: >60 lbs/acre</td> </tr> <tr> <td>Piedmont</td> <td>Low: 0 - 60 lbs/acre</td> <td>Medium: 61 - 120 lbs/acre</td> <td>High: >120 lbs/acre</td> </tr> </table>	Coastal Plain	Low: 0 - 30 lbs/acre	Medium: 31 - 60 lbs/acre	High: >60 lbs/acre	Piedmont	Low: 0 - 60 lbs/acre	Medium: 61 - 120 lbs/acre	High: >120 lbs/acre
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Fact Sheet:

Apply one-third to one-half of the fertilizer at or immediately after transplanting, and the remainder in one or two applications. The final application should be applied within two or three weeks after transplanting and should be placed no more than 6 inches from the row. The fertilizer rates suggested are for normal rainfall conditions. When heavy leaching rains occur, nutrients lost by leaching should be replaced. (Consult your local County Extension Agent for replacement values.)

At least 50% of the fertilizer nitrogen (N) should be in the nitrate form. All fertilizers for flue-cured tobacco should contain at least 1.2% magnesium, at least 50% being water soluble.

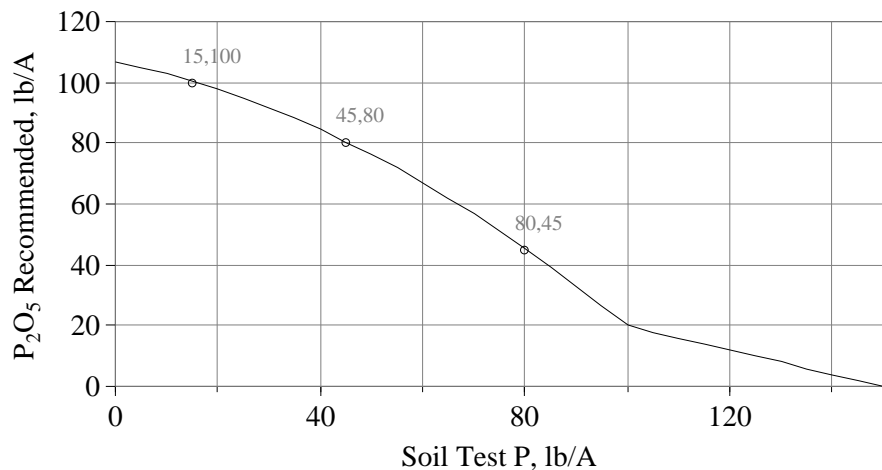
Tobacco top dresser fertilizers should not contain more than 2% chlorine.

Tobacco (Average Pebble Soil) (Code 019)

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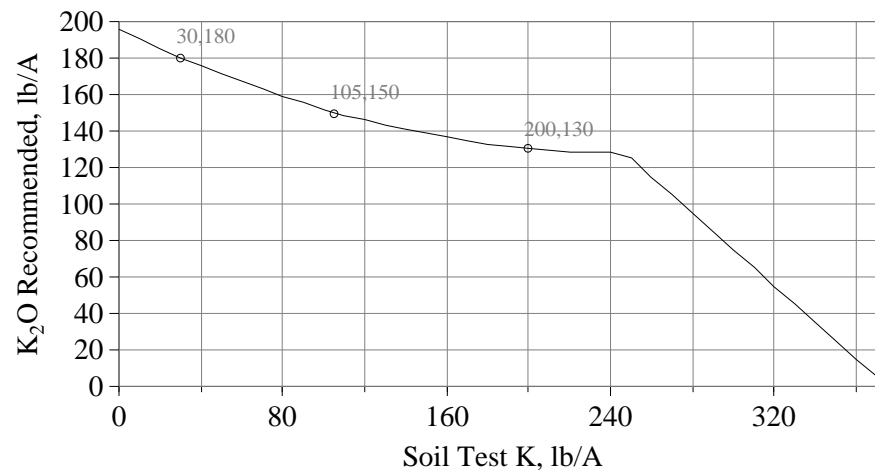
P Recommendations, Coastal Plain

if (P < 100) $P_2O_5 = 107 - 0.359P - 0.00513P^2$
 if (P ≥ 100) $P_2O_5 = 60 - 0.40P$



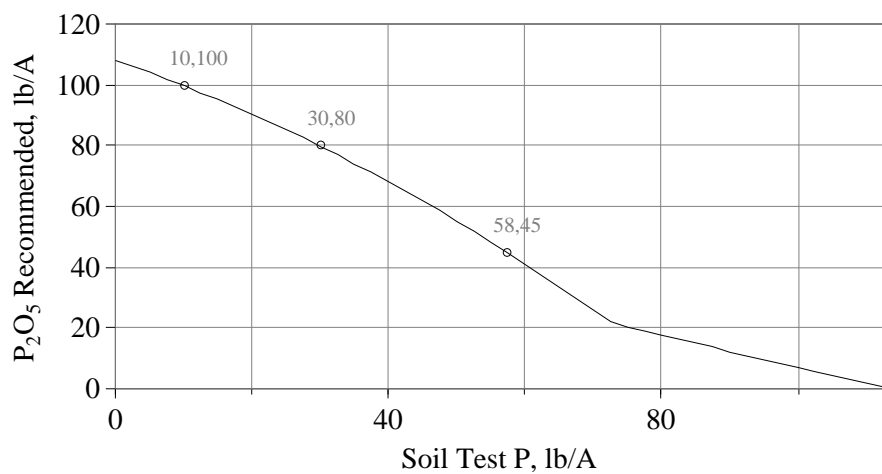
K Recommendations, Coastal Plain

if (K < 250) $K_2O = 196 - 0.550K + 0.00111K^2$
 if (K ≥ 250) $K_2O = 375 - 1.00K$



P Recommendations, Piedmont

if (P < 75) $P_2O_5 = 108 - 0.770P - 0.00574P^2$
 if (P ≥ 75) $P_2O_5 = 60 - 0.53P$



K Recommendations, Piedmont

if (K < 350) $K_2O = 200 - 0.424K + 0.00062K^2$
 if (K ≥ 350) $K_2O = 373 - 0.71K$

