

Perennial Peanuts (Code #051)

Soil Test Rating	Potassium			
	Low K Coastal: 0-30 lbs/A	Medium K Coastal: 31-60 lbs/A	High K Coastal: 61-150 lbs/A	Very High K Coastal: 150+ lbs/A
Phosphorus	<i>Recommended Pounds N-P₂O₅-K₂O per Acre</i>			
Low P Coastal: 0-15 lbs/A	0-100-175	0-100-130	0-100-75	0-100-0
Medium P Coastal: 16-30 lbs/A	0-60-175	0-60-130	0-60-75	0-60-0
High P Coastal: 31-60 lbs/A	0-30-175	0-30-130	0-30-75	0-30-0
Very High P Coastal: 60+ lbs/A	0-0-175	0-0-130	0-0-75	0-0-0

Recommendations:

Recommended pH:	6.0. If the pH is less than 6.0, see Lime Table C.								
Nitrogen:	0 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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Piedmont	Low: 0 - 60 lbs/acre	Medium: 61 - 120 lbs/acre	High: >120 lbs/acre						

Fact Sheet:

Because the crop is not cold hardy, it will not be grown in the Piedmont and portions of the upper Coastal Plain.

Apply inoculum when planting.

Yields may be improved by splitting the potassium applications (K₂O) on sandy Coastal Plain soils. Apply half at spring green up, and half after the first cutting of hay.

When perennial peanut is grown intensively for hay production, apply 10 to 20 pounds sulfur per acre.

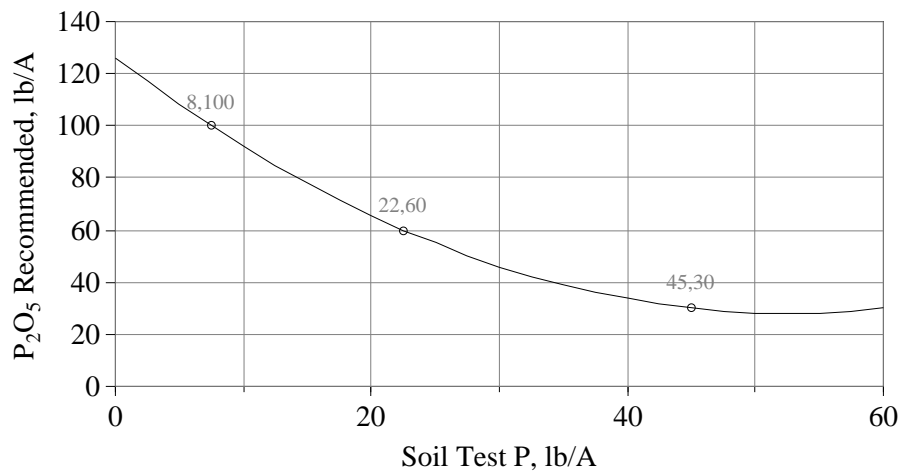
The P and K recommendations are for hay yields of 4 tons per acre. If higher yields are expected, apply an additional 15 pounds of P₂O₅ and 40 pounds of K₂O per each additional ton per acre of expected yield.

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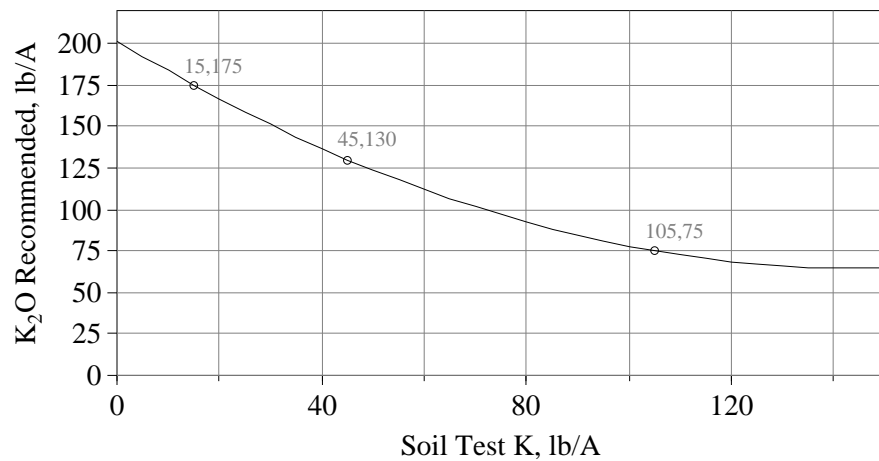
P Recommendations, Coastal Plain

$$P_2O_5 = 126 - 3.733P + 0.03556P^2$$



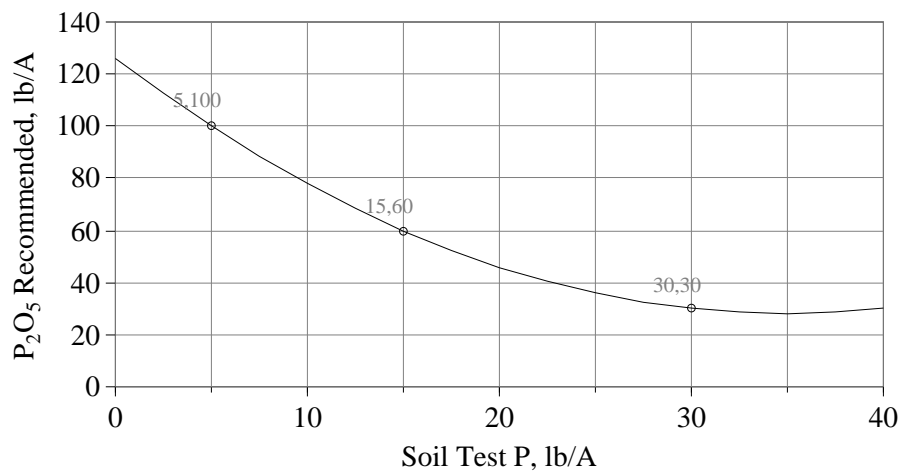
K Recommendations, Coastal Plain

$$K_2O = 202 - 1.889K + 0.00648K^2$$



P Recommendations, Piedmont

$$P_2O_5 = 126 - 5.600P + 0.08000P^2$$



K Recommendations, Piedmont

$$K_2O = 200 - 1.033K + 0.00133K^2$$

