

**Grapes (bunch, hybrid) (Code #127)**

Soil Test Rating	Potassium			
	Low K	Medium K	High K	Very High K
	Coast: 0-70 lbs/A Pied: 0-120 lbs/A	Coast: 71-170 lbs/A Pied: 121-250 lbs/A	Coast: 171-275 lbs/A Pied: 251-400 lbs/A	Coast: 275+ lbs/A Pied: 400+ 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	*-60-60	*-60-40	*-60-0	*-60-0
<b>Medium P</b> Coast: 31-60 lbs/A Pied: 21-40 lbs/A	*-40-60	*-40-40	*-40-0	*-40-0
<b>High P</b> Coast: 61-100 lbs/A Pied: 41-75 lbs/A	*-0-60	*-0-40	*-0-0	*-0-0
<b>Very High P</b> Coast: 100+ lbs/A Pied: 75+ lbs/A	*-0-60	*-0-40	*-0-0	*-0-0

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

**Recommendations:**

Recommended pH:	6.0 to 6.5. If the pH is less than 6.0, see Lime Table B.								
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"> <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:**

\*First year vines - apply 0.15 pounds nitrogen (N) per vine divided into 3 applications; 0.05 pounds nitrogen just before growth begins, 0.05 pounds nitrogen in late May, and 0.05 pounds nitrogen in early July. Broadcast evenly over a 2-foot diameter circle.

\*Second year vines - double first year rate and diameter of broadcast circle. Apply in 3 applications as done during first year. Broadcast evenly over a 3-foot diameter circle.

\*Third year vines - apply 0.2 pounds nitrogen per vine before growth begins in early spring. After fruit set, apply 0.1 pound of nitrogen per vine if a good crop is set. Broadcast evenly under the vines.

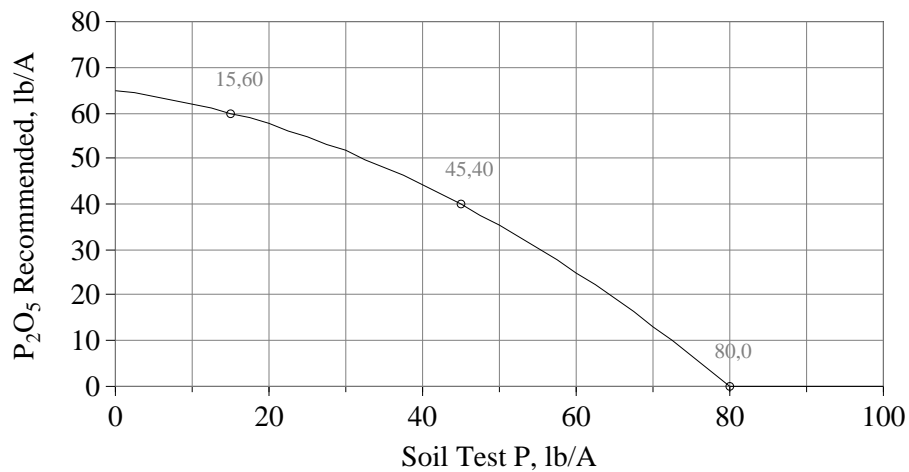
\*Mature vineyards - apply 0.25 pounds nitrogen per vine in the early spring before growth begins. After fruit set, apply 0.15 pounds of nitrogen per vine. Broadcast evenly under the vines.

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V8 - M

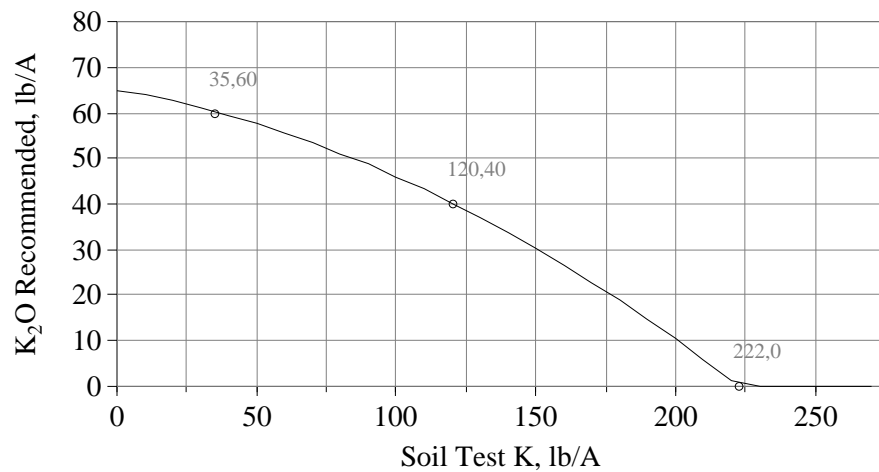
P Recommendations, Coastal Plain

$$P_2O_5 = 65 - 0.227P - 0.00733P^2$$



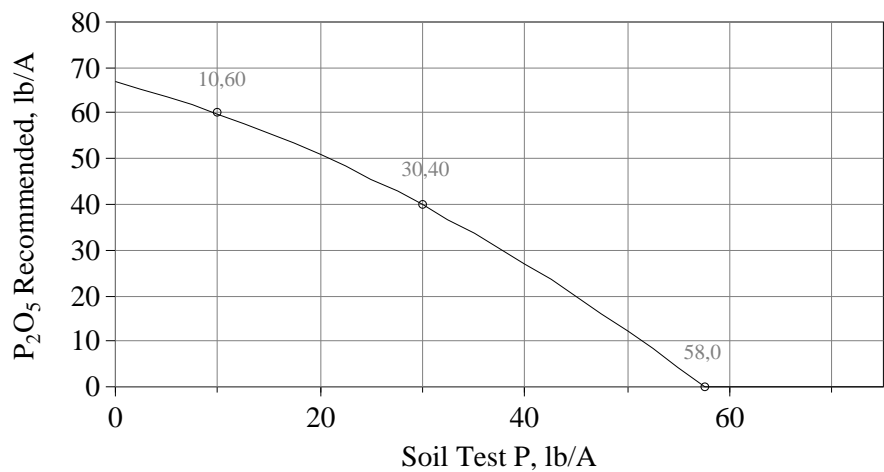
K Recommendations, Coastal Plain

$$K_2O = 65 - 0.107K - 0.00083K^2$$



P Recommendations, Piedmont

$$P_2O_5 = 67 - 0.617P - 0.00957P^2$$



K Recommendations, Piedmont

$$K_2O = 64 - 0.045K - 0.00047K^2$$

