

## Soybeans (Code #017)

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	0-70-100	0-70-80	0-70-60	0-70-0
<b>Medium P</b>  Coast: 31-60 lbs/A Pied: 21-40 lbs/A	0-40-100	0-40-80	0-40-60	0-40-0
<b>High P</b>  Coast: 61-100 lbs/A Pied: 41-75 lbs/A	0-0-100	0-0-80	0-0-60	0-0-0
<b>Very High P</b>  Coast: 100+ lbs/A Pied: 75+ lbs/A	0-0-100	0-0-80	0-0-60	0-0-0

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:	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: auto; margin-right: auto;"> <tr> <td>Coastal Plain</td> <td>Low: 0 - 30 lbs/acre</td> <td>Medium: 31 - 60 lbs/acre</td> <td>High: &gt;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: &gt;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						

### Comments:

For Coastal Plain Soils Only: If the soil test manganese (Mn) level is low, apply 10 pounds of manganese per acre either as manganese sulfate or manganese oxide as a broadcast application.

**CAUTION:** If the soil pH is 6.0 or less, do not apply manganese, irrespective of the soil manganese level.

### Fact Sheet:

Inoculate seed at planting. Apply 1 ounce of molybdenum salt per bushel of seed as a seed treatment.

**Soybeans (Code #017) continued**

**Coastal Plain only:**

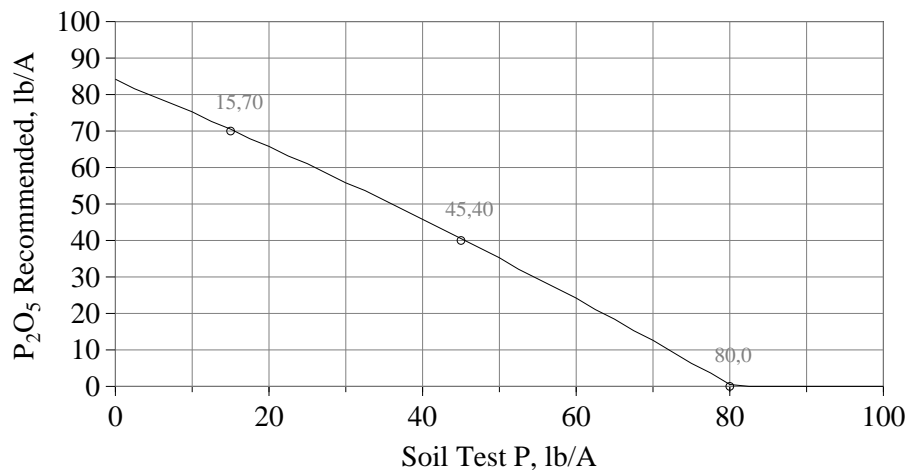
Apply a soluble source of boron (B) at 1/4 pound boron per acre as a foliar spray at the R2 (full bloom) to R3 (early podding) stage. The boron material may be mixed with a compatible pesticide. Your County Extension Agent can provide additional information about boron and pesticide combinations.

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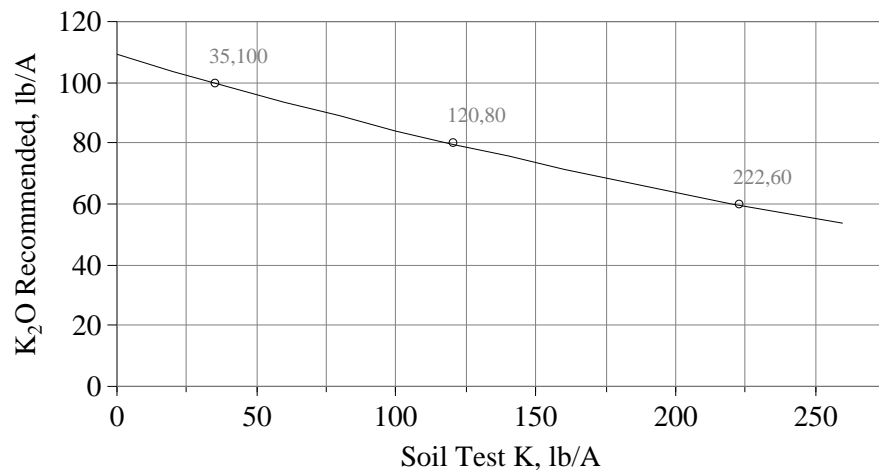
P Recommendations, Coastal Plain

$$P_2O_5 = 84 - 0.868P - 0.00220P^2$$



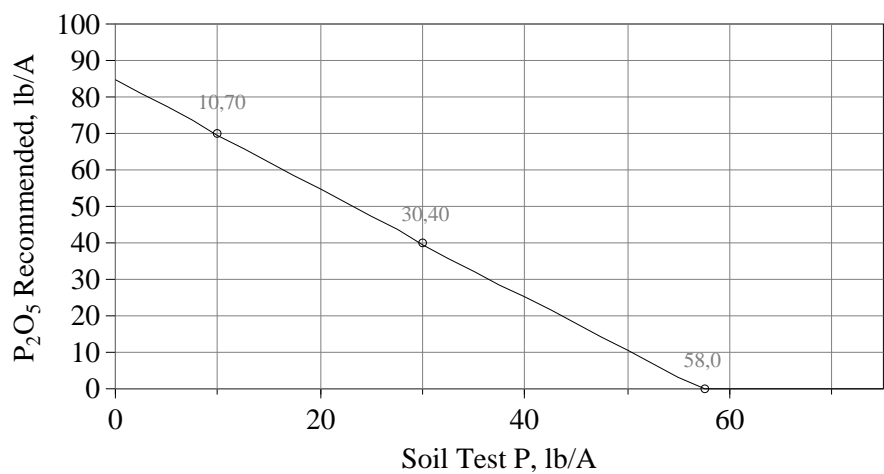
K Recommendations, Coastal Plain

$$K_2O = 109 - 0.268K + 0.00021K^2$$



P Recommendations, Piedmont

$$P_2O_5 = 85 - 1.538P + 0.00096P^2$$



K Recommendations, Piedmont

$$K_2O = 110 - 0.175K + 0.00006K^2$$

