

Wheat - Soybean Rotation (Code #016)

Soil Test Rating	Potassium			
	Low K Coast: 0-60 lbs/A Pied: 0-100 lbs/A	Medium K Coast: 61-150 lbs/A Pied: 101-200 lbs/A	High K Coast: 151-250 lbs/A Pied: 201-350 lbs/A	Very High K 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	*-150-180	*-150-120	*-150-60	*-150-0
Medium P Coast: 31-60 lbs/A Pied: 21-40 lbs/A	*-85-180	*-85-120	*-85-60	*-85-0
High P Coast: 61-100 lbs/A Pied: 41-75 lbs/A	*-35-180	*-35-120	*-35-60	*-35-0
Very High P Coast: 100+ lbs/A Pied: 75+ lbs/A	*-0-180	*-0-120	*-0-60	*-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:	60-120 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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Other:	See sulfur (S) and manganese (Mn) recommendations below.								

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Fact Sheet:

***Nitrogen recommendation:**

For wheat following a legume apply 60 to 80 pounds nitrogen per acre; for wheat following corn, cotton, etc. apply 80 to 100 pounds nitrogen per acre; for wheat following grain sorghum apply 100 to 120 pounds nitrogen per acre. Apply 20 to 40 pounds of the recommended nitrogen per acre in the fall and the remainder as a topdressing in February.

When grazed, increase the nitrogen rate by 60 pounds of nitrogen per acre. Apply in 2 applications, half in the fall and the remainder in February.

On deep sandy soils, 10 pounds of sulfur (S) per acre should be applied to the wheat. The sulfur should be applied along with the topdress nitrogen.

The recommended amounts of phosphate (P_2O_5) and potash (K_2O) should be applied prior to seeding the wheat except on low potassium testing sandy soils in which the subsoil is greater than 16 inches below the surface. On these soils, apply part of the potassium to the wheat at planting and the remainder prior to planting the soybeans. For other soils, no additional phosphate or potash should be needed for the soybeans.

Additional recommendations - Soybeans:

Inoculate the soybean seed at planting. Apply one ounce of molybdenum salt per bushel of seed as a seed treatment.

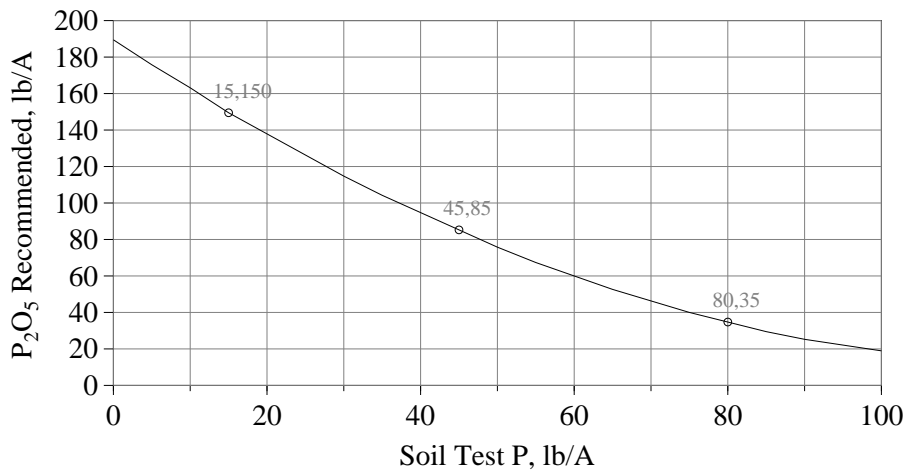
Coastal Plain only:

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

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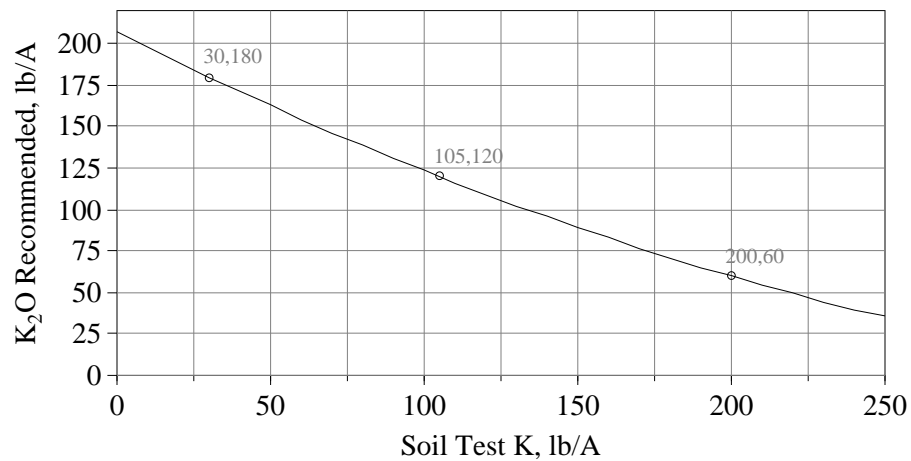
P Recommendations, Coastal Plain

$$P_2O_5 = 190 - 2.848P + 0.01136P^2$$



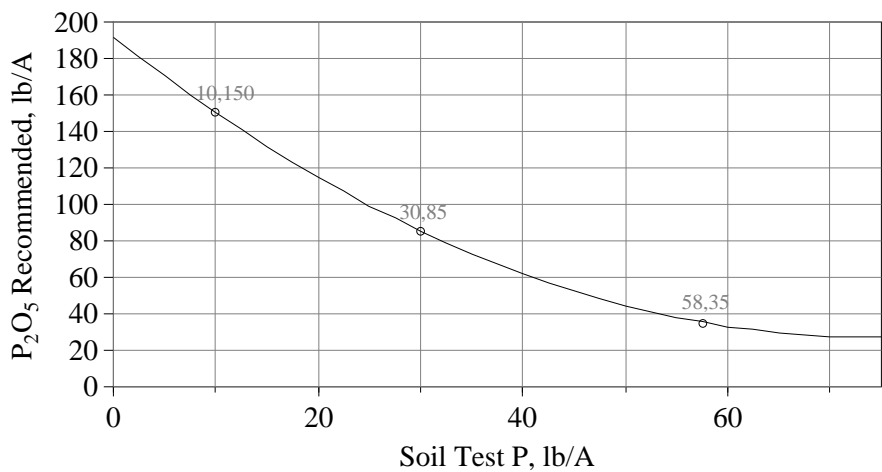
K Recommendations, Coastal Plain

$$K_2O = 207 - 0.934K + 0.00099K^2$$



P Recommendations, Piedmont

$$P_2O_5 = 192 - 4.456P + 0.03014P^2$$



K Recommendations, Piedmont

$$K_2O = 214 - 0.706K + 0.00053K^2$$

