

## Small Grain - Wheat (Code #011)

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-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	*-80-80	*-80-40	*-80-0	*-80-0
<b>Medium P</b>  Coast: 31-60 lbs/A Pied: 21-40 lbs/A	*-40-80	*-40-40	*-40-0	*-40-0
<b>High P</b>  Coast: 61-100 lbs/A Pied: 41-75 lbs/A	*-0-80	*-0-40	*-0-0	*-0-0
<b>Very High P</b>  Coast: 100+ lbs/A Pied: 75+ lbs/A	*-0-80	*-0-40	*-0-0	*-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:	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: 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						
Other:	See sulfur (S) recommendations below.								

### Fact Sheet:

For wheat following a legume apply 60 to 80 pounds nitrogen per acre; for wheat following cotton, corn, 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 in February.

When grazed, increase the nitrogen (N) fertilizer rate by 60 pounds nitrogen per acre. Split the nitrogen applications, applying half in the fall and the remainder in mid-winter.

### Coastal Plain only:

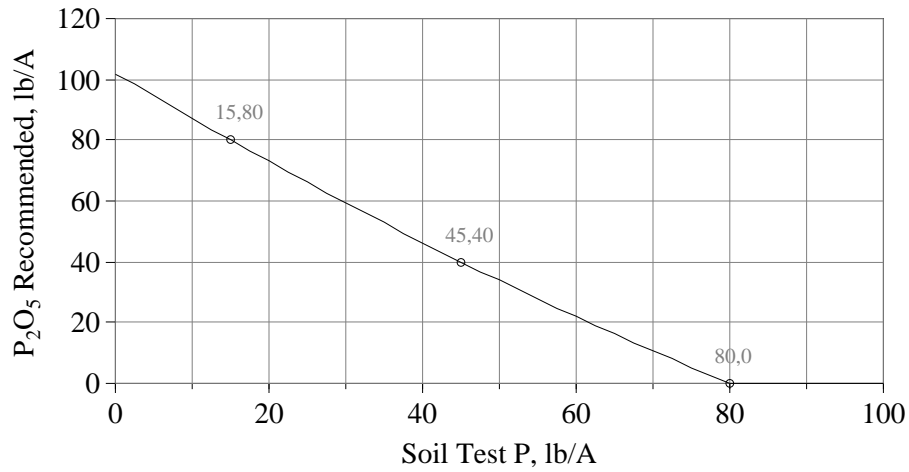
On deep sandy soils, apply 10 pounds of sulfur (S) per acre. The sulfur should be applied when the topdress nitrogen application is made.

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VSI - I

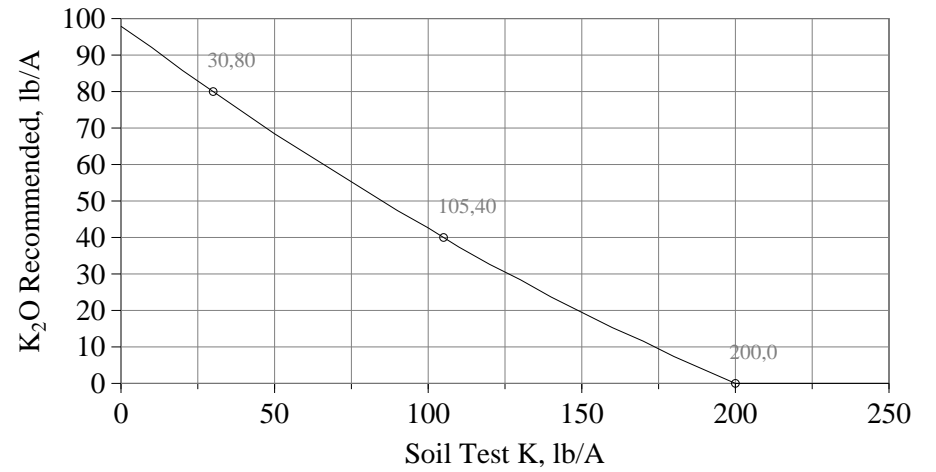
P Recommendations, Coastal Plain

$$P_2O_5 = 102 - 1.509P + 0.00293P^2$$



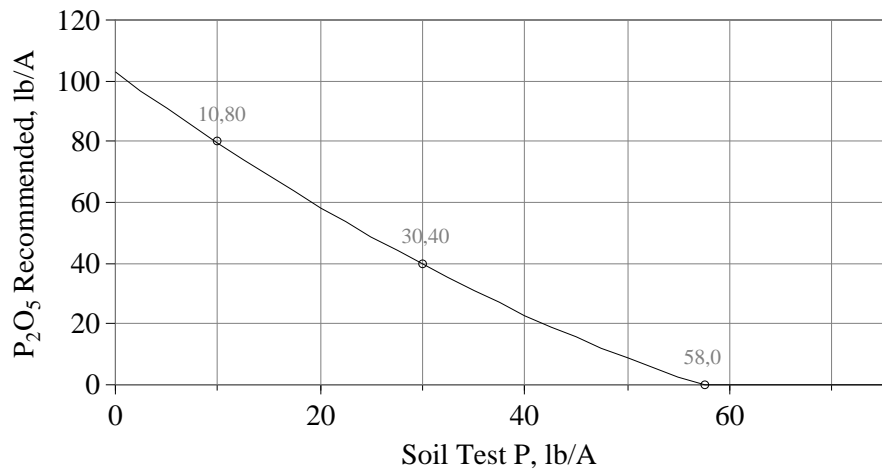
K Recommendations, Coastal Plain

$$K_2O = 98 - 0.622K + 0.00066K^2$$



P Recommendations, Piedmont

$$P_2O_5 = 103 - 2.459P + 0.01148P^2$$



K Recommendations, Piedmont

$$K_2O = 103 - 0.472K + 0.00036K^2$$

