

Sod Production St. Augustine (Code #771)

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-P₂O₅-K₂O per Acre</i>			
Low P Coast: 0-30 lbs/A Pied: 0-20 lbs/A	*-190-200	*-190-110	*-190-50	*-190-0
Medium P Coast: 31-60 lbs/A Pied: 21-40 lbs/A	*-110-200	*-110-110	*-110-50	*-110-0
High P Coast: 61-100 lbs/A Pied: 41-75 lbs/A	*-50-200	*-50-110	*-50-50	*-50-0
Very High P Coast: 100+ lbs/A Pied: 75+ lbs/A	*-0-200	*-0-110	*-0-50	*-0-0

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

Recommendations:

Recommended pH:	6.0 to 7.0. If the pH is less than 6.0, see Lime Table B.								
Nitrogen:	210-270 pounds nitrogen (N) per acre. Rate will depend on length of growing season, weed control, and desired growth.								
Magnesium:	If soil test Mg level is low and lime is recommended, use dolomitic limestone. <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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Fact Sheet:

It is best to incorporate the recommended amounts of limestone, phosphate (P₂O₅), and potash (K₂O) prior to reestablishment. If no tillage is conducted after harvest, it is still preferable to apply limestone and fertilizer prior to sod knitting.

If more than 100 pounds of phosphate and 100 pounds of potash are recommended, it is preferable to split the applications, unless they are made after harvesting on exposed soil or tilled into the soil.

*Apply nitrogen at the rate of 35 to 45 pounds nitrogen per acre when spring growth begins and repeat monthly through the growing season. If more rapid cover is desired and other production practices (mowing, irrigation, weed control) are not a problem, increase the nitrogen rate accordingly to obtain the desired growth.

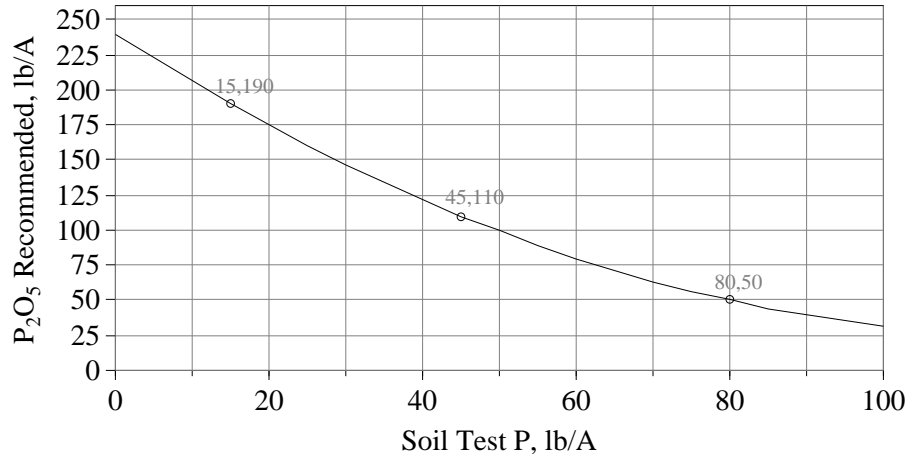
The last fertilizer application of the year should have equal amounts of nitrogen and potash and should be applied no later than one month before the normal first killing frost.

Sod Production St. Augustine (Code 771)

V3 - 1A

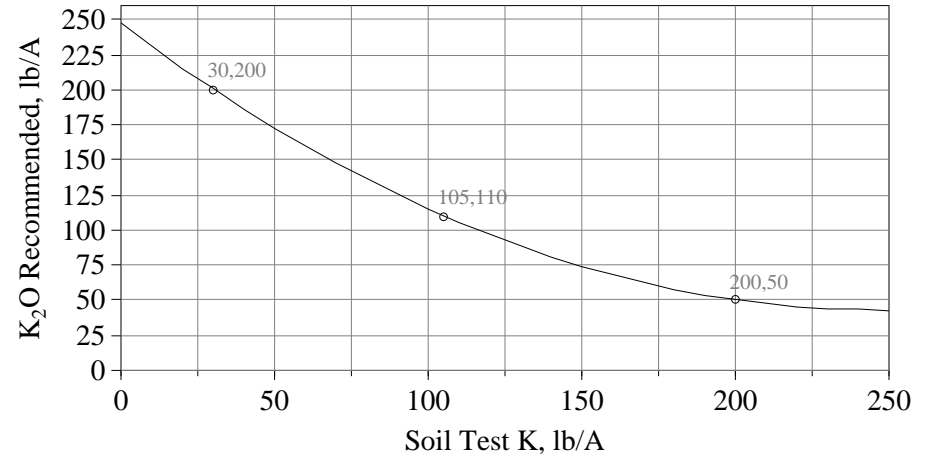
P Recommendations, Coastal Plain

$$P_2O_5 = 240 - 3.546P + 0.01465P^2$$



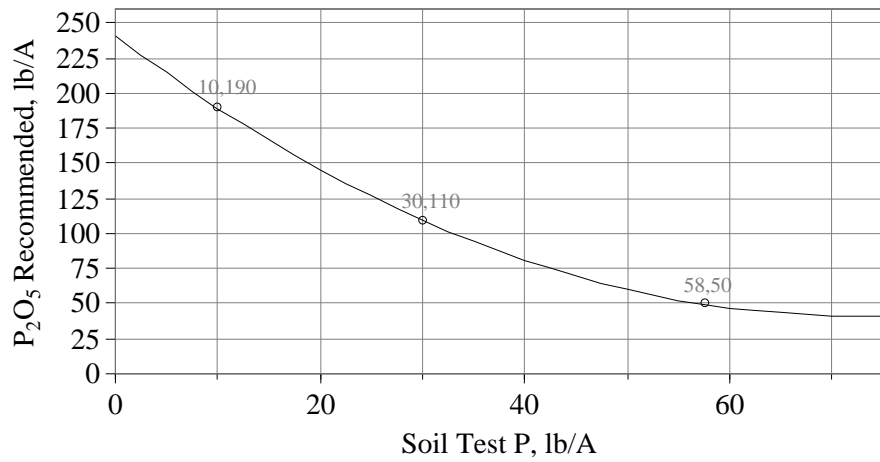
K Recommendations, Coastal Plain

$$K_2O = 247 - 1.651K + 0.00334K^2$$



P Recommendations, Piedmont

$$P_2O_5 = 241 - 5.531P + 0.03828P^2$$



K Recommendations, Piedmont

$$K_2O = 259 - 1.274K + 0.00187K^2$$

