

Sod Production Centipede (Code #769)

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	*-180-180	*-180-90	*-180-0	*-180-0
Medium P Coast: 31-60 lbs/A Pied: 21-40 lbs/A	*-90-180	*-90-90	*-90-0	*-90-0
High P Coast: 61-100 lbs/A Pied: 41-75 lbs/A	*-0-180	*-0-90	*-0-0	*-0-0
Very High P Coast: 100+ lbs/A Pied: 75+ lbs/A	*-0-180	*-0-90	*-0-0	*-0-0

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

Recommendations:

Recommended pH:	5.5 to 6.5. If the pH is less than 5.5, see Lime Table C and the soil depth adjustment table that immediately follows the lime tables.								
Nitrogen:	130-200 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: 10px auto; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Coastal Plain</td> <td style="padding: 2px;">Low: 0 - 30 lbs/acre</td> <td style="padding: 2px;">Medium: 31 - 60 lbs/acre</td> <td style="padding: 2px;">High: >60 lbs/acre</td> </tr> <tr> <td style="padding: 2px;">Piedmont</td> <td style="padding: 2px;">Low: 0 - 60 lbs/acre</td> <td style="padding: 2px;">Medium: 61 - 120 lbs/acre</td> <td style="padding: 2px;">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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Piedmont	Low: 0 - 60 lbs/acre	Medium: 61 - 120 lbs/acre	High: >120 lbs/acre						
Other:	See iron (Fe) recommendation on Fact Sheet.								

Fact Sheet:

It is best to incorporate lime, phosphate (P_2O_5), and potash (K_2O) prior to reestablishment. If no tillage is conducted after harvest, it is still better to apply these materials 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.

*Apply nitrogen at the rate of 45 pounds of nitrogen (N) per acre following spring green up and every 4 to 6 weeks until 90% covered. 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. Do not exceed 200 pounds nitrogen per acre per year.

Once coverage is obtained reduce nitrogen fertilization to a normal maintenance program.

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.

Iron chlorosis and other spring greenup problems are most frequently associated with low soil temperatures, high nitrogen rates, high mowing heights, and thatch problems. Although iron applications will temporarily alleviate these symptoms, adhering to recommended fertilizer, mowing and thatch control practices is the best way to control iron chlorosis.

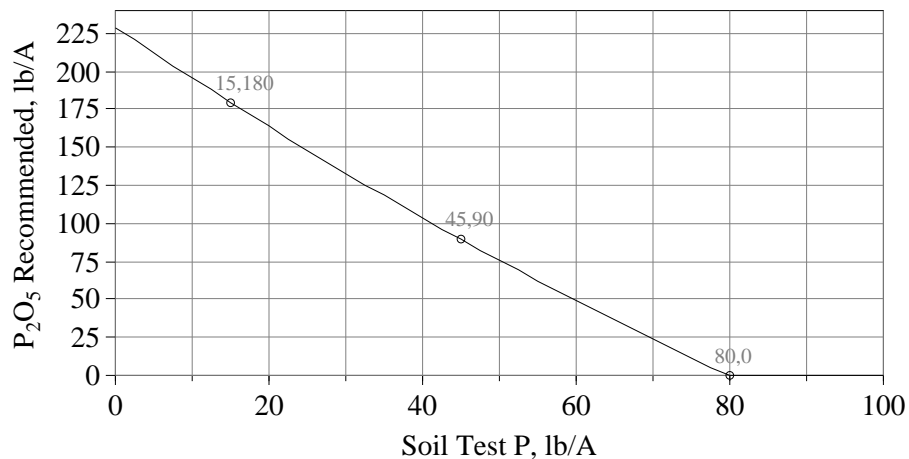
If the grass shows iron (Fe) deficiency symptoms (yellowing between the veins) apply a foliar application of iron as iron sulfate or iron chelate at a rate of 1 pound Fe per acre in sufficient water to wet the foliage (20 to 25 gallons per acre). If applied to the grass on a hot day (95 to 100 F) reduce the rate to 0.5 pound Fe per acre. If symptoms persist repeat the applications in 7 to 10 days.

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VI - 1B

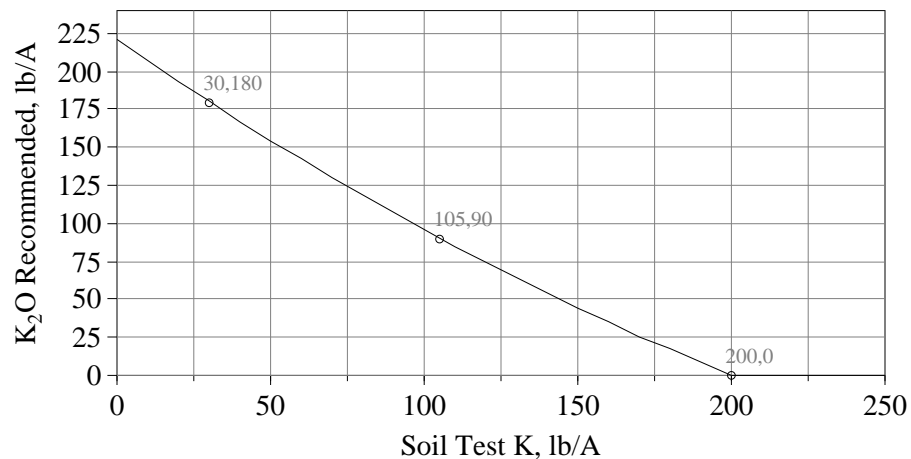
P Recommendations, Coastal Plain

$$P_2O_5 = 229 - 3.395P + 0.00659P^2$$



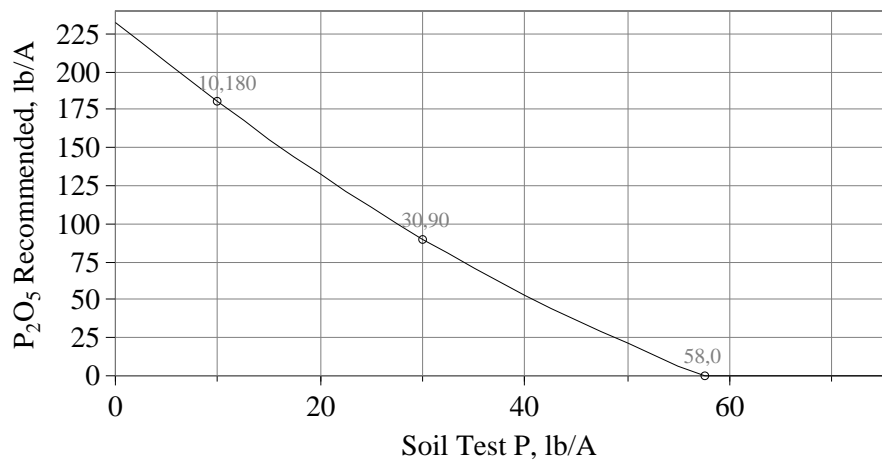
K Recommendations, Coastal Plain

$$K_2O = 221 - 1.401K + 0.00149K^2$$



P Recommendations, Piedmont

$$P_2O_5 = 233 - 5.534P + 0.02584P^2$$



K Recommendations, Piedmont

$$K_2O = 231 - 1.060K + 0.00080K^2$$

