

Switchgrass and other native grasses-Wildlife (Code #SGW)

Soil Test Rating	Potassium			
	Low K	Medium K	High K	Very High K
	Coast: 0-30 lbs/A Pied: 0-50 lbs/A	Coast: 31-60 lbs/A Pied: 51-100 lbs/A	Coast: 61-150 lbs/A Pied: 101-200 lbs/A	Coast: 150+ lbs/A Pied: 200+ lbs/A
Phosphorus	<i>Recommended Pounds N-P₂O₅-K₂O per Acre</i>			
Low P Coast: 0-15 lbs/A Pied: 0-10 lbs/A	*-80-80	*-80-50	*-80-0	*-80-0
Medium P Coast: 16-30 lbs/A Pied: 11-20 lbs/A	*-50-80	*-50-50	*-50-0	*-50-0
High P Coast: 31-60 lbs/A Pied: 21-40 lbs/A	*-0-80	*-0-50	*-0-0	*-0-0
Very High P Coast: 60+ lbs/A Pied: 40+ lbs/A	*-0-80	*-0-50	*-0-0	*-0-0

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

Recommendations:

Recommended pH:	5.5. If the pH is less than 5.5, see Lime Table D.								
Nitrogen:	50-75 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: >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:

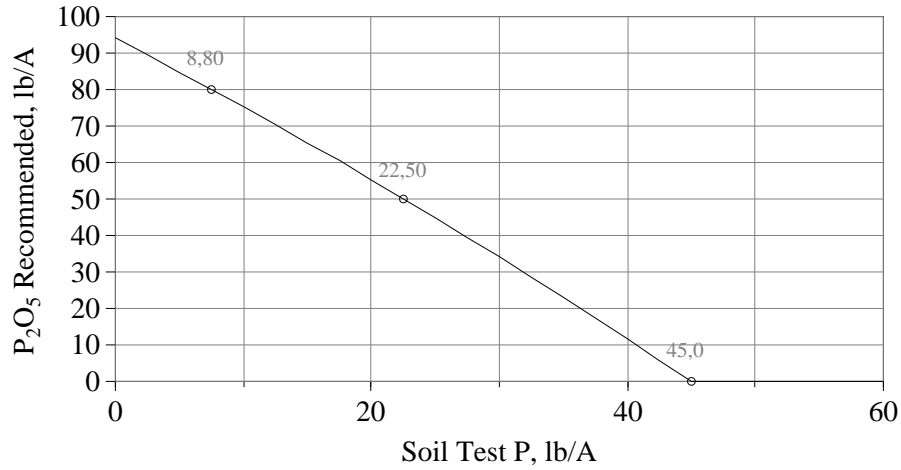
Though it is not as high-yielding when soil fertility is low, switchgrass is very tolerant of low fertility. Even so, if switchgrass is grown for wildlife purposes, some soil amendments may be necessary to maintain the soil pH at 5.5 or greater and with medium-low soil test P and K values. If P and K fertilizer is recommended, it should be applied in the establishment year only. Little, if any, additional N will be necessary.

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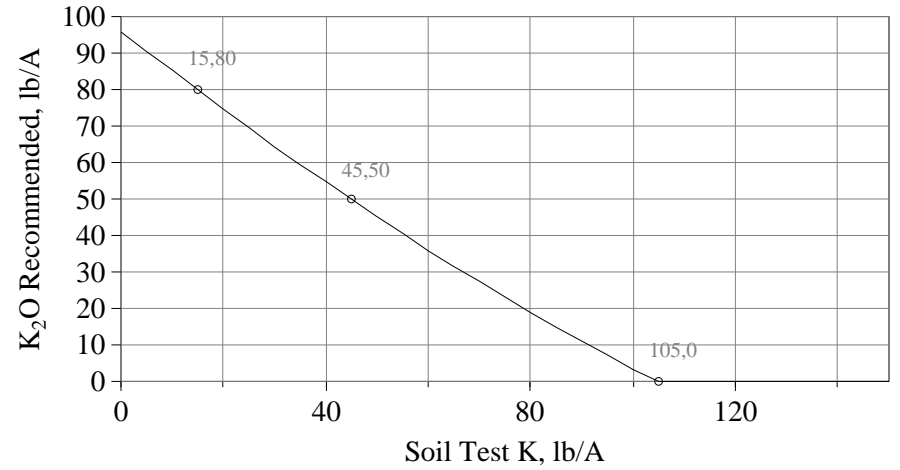
P Recommendations, Coastal Plain

$$P_2O_5 = 94 - 1.822P - 0.00593P^2$$



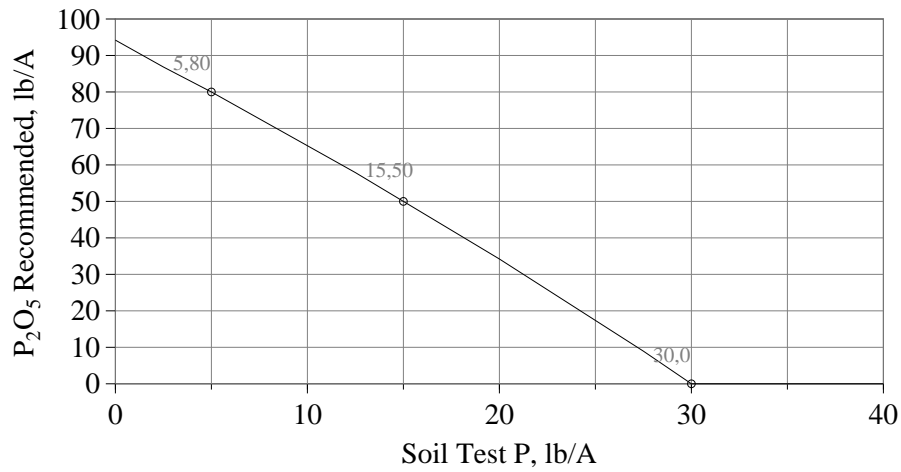
K Recommendations, Coastal Plain

$$K_2O = 96 - 1.111K + 0.00185K^2$$



P Recommendations, Piedmont

$$P_2O_5 = 94 - 2.733P - 0.01333P^2$$



K Recommendations, Piedmont

$$K_2O = 94 - 0.547K - 0.00053K^2$$

