

Sorghum Sudan Hybrids (Code #044)

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	*-60-100	*-60-80	*-60-60	*-60-0
Medium P Coast: 31-60 lbs/A Pied: 21-40 lbs/A	*-40-100	*-40-80	*-40-60	*-40-0
High P Coast: 61-100 lbs/A Pied: 41-75 lbs/A	*-20-100	*-20-80	*-20-60	*-20-0
Very High P Coast: 100+ lbs/A Pied: 75+ lbs/A	*-0-100	*-0-80	*-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:	180-240 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="width: 100%; text-align: center;"> <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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Piedmont	Low: 0 - 60 lbs/acre	Medium: 61 - 120 lbs/acre	High: >120 lbs/acre						

Fact Sheet:

*When harvested for hay or silage, apply 40 pounds of nitrogen (N) per acre at planting, 60 pounds nitrogen per acre after stand establishment, and 60 pounds nitrogen per acre after each harvest except the last. If more than one cutting is anticipated, increase the phosphate (P₂O₅) and potash (K₂O) rates by 25%.

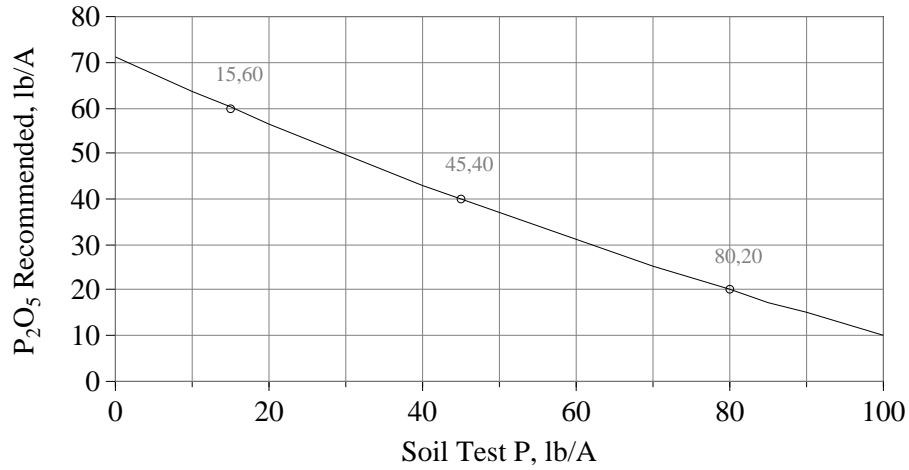
*When used for grazing, apply 40 to 60 pounds of nitrogen per acre for establishment and 50 to 60 pounds of nitrogen per acre each month during the grazing season (June, July, and August).

Sorghum Sudan Hybrids (Code 044)

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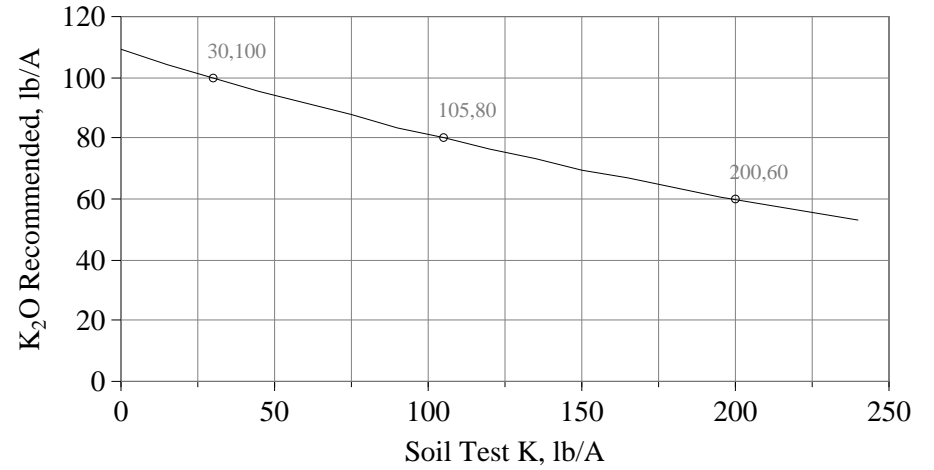
P Recommendations, Coastal Plain

$$P_2O_5 = 71 - 0.755P + 0.00147P^2$$



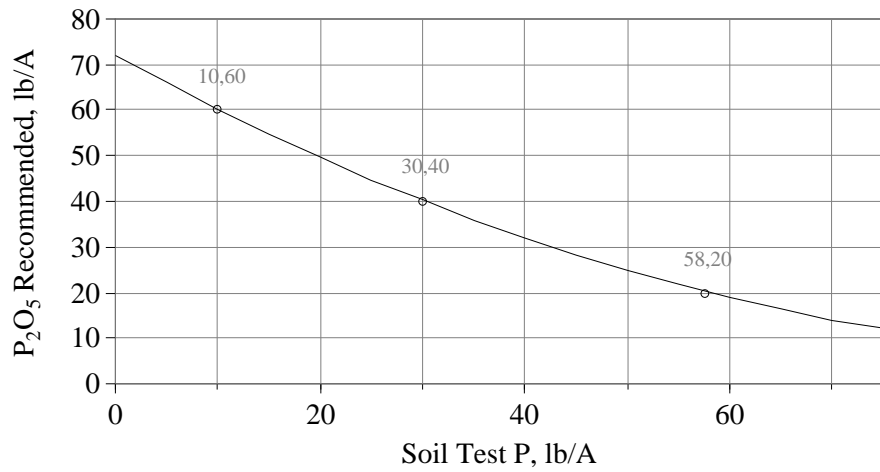
K Recommendations, Coastal Plain

$$K_2O = 109 - 0.311K + 0.00033K^2$$



P Recommendations, Piedmont

$$P_2O_5 = 72 - 1.230P + 0.00574P^2$$



K Recommendations, Piedmont

$$K_2O = 111 - 0.236K + 0.00018K^2$$

