

Plums - Home Garden (Code #106)

Soil Test Rating	Potassium			
	Low K	Medium K	High K	Very High K
	Coast: 0-70 lbs/A Pied: 0-120 lbs/A	Coast: 71-170 lbs/A Pied: 121-250 lbs/A	Coast: 171-275 lbs/A Pied: 251-400 lbs/A	Coast: 275+ lbs/A Pied: 400+ lbs/A
Phosphorus	<i>See Comments</i>			
Low P Coast: 0-30 lbs/A Pied: 0-20 lbs/A	218	218	218	218
Medium P Coast: 31-60 lbs/A Pied: 21-40 lbs/A	218	218	218	218
High P Coast: 61-100 lbs/A Pied: 41-75 lbs/A	218	218	219	219
Very High P Coast: 100+ lbs/A Pied: 75+ lbs/A	218	218	219	219

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

Recommendations:

Recommended pH:	6.0 to 6.5. If the pH is less than 6.0, see Lime Table B and the soil depth adjustment table that immediately follows the lime tables.								
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 - 60 lbs/acre</td> <td>Medium: 61 - 120 lbs/acre</td> <td>High: >120 lbs/acre</td> </tr> <tr> <td>Piedmont</td> <td>Low: 0 - 120 lbs/acre</td> <td>Medium: 121 - 240 lbs/acre</td> <td>High: >240 lbs/acre</td> </tr> </table>	Coastal Plain	Low: 0 - 60 lbs/acre	Medium: 61 - 120 lbs/acre	High: >120 lbs/acre	Piedmont	Low: 0 - 120 lbs/acre	Medium: 121 - 240 lbs/acre	High: >240 lbs/acre
Coastal Plain	Low: 0 - 60 lbs/acre	Medium: 61 - 120 lbs/acre	High: >120 lbs/acre						
Piedmont	Low: 0 - 120 lbs/acre	Medium: 121 - 240 lbs/acre	High: >240 lbs/acre						

Comments:

218. Adjust the soil pH to 6.5 before planting. This pH adjustment should be made to at least a foot of depth and over an area approximately 100 square feet where the tree will be planted. Seven to ten days after planting, when plants have been settled by a drenching rain or irrigation, broadcast over an area three feet in diameter one cup of 10-10-10 fertilizer. In May and in July, broadcast over an area two feet in diameter one-fourth cup of 34-0-0, or one-sixth cup of 46-0-0, or one-half cup of calcium nitrate. Beginning the second year (and succeeding years) fertilize the trees twice annually. The first application should be made in early March and the second in July. Use these rules of thumb for the two fertilizer applications:
1. March application - Apply one cup of 10-10-10 fertilizer for each year of tree age to a maximum of 10 cups for mature trees.
 2. July application - Apply one-half cup of 34-0-0, or one-third cup of 46-0-0, or one cup of calcium nitrate per tree per year of tree age to a maximum of four cups for mature trees.

Plums - Home Garden (*Code #106*) continued

219. Adjust the soil pH to 6.5 before planting. This pH adjustment should be made to at least a foot of depth and over an area approximately 100 square feet where the tree will be planted. After the trees have been planted and settled by a drenching rain, broadcast over an area three feet in diameter 1/3 cup of 34-0-0, or 1/4 cup of 46-0-0, or 2/3 cup of calcium nitrate. Do this in March. In May and again in July, broadcast over an area two feet in diameter one-fourth cup of 34-0-0, or one-sixth cup of 46-0-0, or one-half cup of calcium nitrate. Beginning the second year (and succeeding years) fertilize the trees twice annually. The first application should be made in early March and the second in July. Use these rules of thumb for the two fertilizer applications:
1. March application - Apply one-third cup of 34-0-0 or one-fourth cup of 46-0-0 for each year of tree age, to a maximum of 3 cups of 34-0-0 or 2 cups of 46-0-0 for mature trees.
 2. July application - Apply one-half cup of 34-0-0, or one-third cup of 46-0-0, or one cup of calcium nitrate per tree per year of tree age to a maximum of four cups for mature trees.