

Bunch Grapes - Home Garden (Code #099)

Soil Test Rating	Potassium			
	Low K Coast: 0-70 lbs/A Pied: 0-120 lbs/A	Medium K Coast: 71-170 lbs/A Pied: 121-250 lbs/A	High K Coast: 171-275 lbs/A Pied: 251-400 lbs/A	Very High K 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	213	213	213	213
Medium P Coast: 31-60 lbs/A Pied: 21-40 lbs/A	213	213	213	213
High P Coast: 61-100 lbs/A Pied: 41-75 lbs/A	213	213	213	213
Very High P Coast: 100+ lbs/A Pied: 75+ lbs/A	213	213	213	213

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
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Comments:

213. After the plants have been settled by a drenching rain and before growth starts, apply one ounce of 10-10-10 fertilizer in a 24 inch diameter circle around each plant. Keep the fertilizer at least 6 inches from the vine. Repeat at monthly intervals until mid-July.

On two-year old vines, double the first year rate and use the same monthly intervals. Bearing vines will need from 1 to 4 pounds of 10-10-10 per plant applied in March. If growth is poor on producing vines, apply 1 pound of 10-10-10 per plant in May.

Some Georgia soils are inherently low in magnesium and foliar magnesium deficiency frequently becomes noticeable in mid-summer. This deficiency is characterized by a yellowing between the leaf veins on the older grape leaves. If the soil pH is sufficiently low to warrant liming, use dolomitic lime to help prevent magnesium deficiency in future years. Otherwise, magnesium sulfate (Epsom salts) should be applied and watered in. For young plants, apply 2 ounces around each vine, keeping the salts away from the trunk six or more inches. Apply four to six ounces per mature, bearing vine. It may require 2 to 3 years of magnesium application to increase the level sufficiently for best plant performance.