

**Rhododendrons (commercial) (Code #881)**

Soil Test Rating <i>All Soils</i>	Potassium			
	Low K 0-150 lbs/A	Medium K 151-250 lbs/A	High K 251-450 lbs/A	Very High K 450+ lbs/A
<b>Phosphorus</b>	<i>See Comments</i>			
<b>Low P</b> 0-50 lbs/A	861	861	862	862
<b>Medium P</b> 51-100 lbs/A	861	861	862	862
<b>High P</b> 101-200 lbs/A	863	863	164	164
<b>Very High P</b> 200+ lbs/A	863	863	164	164

**Recommendations:**

Recommended pH:	5.0 to 5.5. If the pH is less than 5.0, see Lime Table D 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" data-bbox="435 1108 1357 1188" 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: &gt;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: &gt;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:**

Fifty pounds of limestone per 1000 square feet is equivalent to 5 pounds (6½ cups) per 100 square feet. (If lime recommendation is greater than 50 pounds per 1000 square feet, increase the per cup rate proportionately.)

- 164. Only nitrogen fertilizer is needed at this test level. Per 100 square feet, apply 1/2 cup of 34-0-0, or 1/3 cup of 46-0-0, or 1 cup of 21-0-0. Two-thirds of the fertilizer should be applied immediately after bloom when growth is most active and the remaining one-third applied in mid-June. Uniformly spread the fertilizer underneath the canopy and extending beyond the dripline of the foliage. It is not necessary to remove the mulch before applying the fertilizer. Brush or rinse the fertilizer from the leaves and stems. Irrigate after application.
- 861. Apply 16-4-8 or 12-4-8 fertilizer at a rate of 1/2 pound per 100 square feet (5 pounds per 1,000 square feet) in March, May, and July. If an azalea-camellia special fertilizer is used follow directions on the container. Uniformly spread the fertilizer on the soil surface extending it beyond the dripline of the foliage. It is not necessary to remove the mulch before applying the fertilizer. Brush or rinse the fertilizer from the leaves and stems.
- 862. Apply ordinary superphosphate (20% P<sub>2</sub>O<sub>5</sub>) at a rate of 1/2 pound per 100 square feet (5 pounds per 1,000 square feet). Uniformly spread the fertilizer on the soil surface extending it beyond the dripline of the foliage. It is not necessary to remove the mulch before applying the fertilizer. Brush or rinse the fertilizer from the leaves and stems. Retest after two months to determine future fertilizer needs.

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863. Apply 15-0-15 or 14-0-14 fertilizer at a rate of 1/2 pound per 100 square feet (5 pounds per 1,000 square feet) in March, May, and July. If these analyses are not available, substitute a 16-4-8 or 12-4-8 analysis at a rate of 5 pounds per 1000 square feet. Uniformly spread the fertilizer on the soil surface extending it beyond the dripline of the foliage. It is not necessary to remove the mulch before applying the fertilizer. Brush or rinse the fertilizer from the leaves and stems.

**Fact Sheet:**

If the soil pH is 6.0 or greater, apply wettable sulfur at a rate of 1 pound per 100 square feet (10 pounds per 1,000 square feet). Then water well. Apply the sulfur evenly out to and slightly beyond the dripline. If sulfur contacts foliage, wash it off immediately after application. On soils where the soil pH is 6.0 or greater and/or where plants show iron (Fe) deficiency symptoms (yellowing of the upper leaves between the veins with the veins remaining green), apply chelated iron following directions on the label for the material used.