

Roses (commercial) (Code #890)

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
Phosphorus	<i>See Comments</i>			
Low P 0-50 lbs/A	893	893	894	894
Medium P 51-100 lbs/A	893	893	894	894
High P 101-200 lbs/A	895	895	196	196
Very High P 200+ lbs/A	895	895	196	196

Recommendations:

Recommended pH:	6.0 to 7.0. If the pH is less than 6.0, see Lime Table A and the soil depth adjustment table that immediately follows the lime tables. If pH is greater than 7.2, apply 5 pounds aluminum sulfate per 100 square feet (5 teaspoons per square foot) to reduce soil pH. Mix thoroughly with soil. Retest in one month.								
Magnesium:	If soil test Mg level is low and lime is recommended, use dolomitic limestone. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Coastal Plain</td> <td style="text-align: center;">Low: 0 - 60 lbs/acre</td> <td style="text-align: center;">Medium: 61 - 120 lbs/acre</td> <td style="text-align: center;">High: >120 lbs/acre</td> </tr> <tr> <td style="text-align: center;">Piedmont</td> <td style="text-align: center;">Low: 0 - 120 lbs/acre</td> <td style="text-align: center;">Medium: 121 - 240 lbs/acre</td> <td style="text-align: center;">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:

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.)

196. Per plant, extending out 18 inches from the trunk, evenly broadcast 2 tablespoons of 21-0-0, or 1 rounded tablespoon of 34-0-0, or 2 teaspoons of 46-0-0 fertilizer in March and continue each month through early September. If this is not available substitute a 16-4-8 or 12-4-8 analysis at the same rate. For young plants less than 18 inches in height reduce the rate by half. For large plants 5 feet and over, double the rate. It is not necessary to remove the mulch before applying the fertilizer. Brush or rinse any fertilizer from the leaves and stems. Nitrogen fertilizer is most efficiently used and poses less risk of environmental contamination if applied to dry soil and watered into the soil the same day.
893. Per plant, extending out to 18 inches from the trunk, evenly broadcast 1/4 cup of 16-4-8 or 12-4-8 analysis fertilizer per month from March until early September. Reduce the rate by half for young bushes less than 18 inches in height. It is not necessary to remove the mulch before applying the fertilizer. Brush or rinse any fertilizer from the leaves and stems. If a rose special fertilizer is used, follow manufacturer's recommendation for application rate.

Roses (commercial) (*Code #890*) continued

894. Per plant, extending out to 18 inches from the trunk, evenly broadcast 2 tablespoons of 20% superphosphate in March. After one month apply 1/4 cup 16-4-8 or 12-4-8 each month until early September. Reduce the rate by half for young bushes less than 18 inches in height. Double the rate for large bushes 5 feet or above in height. It is not necessary to remove the mulch before applying the fertilizer. Brush or rinse any fertilizer from the leaves and stems. If a rose special fertilizer is used, follow manufacturer's recommendation for application rate.

895. Per plant, extending out 18 inches from the trunk, evenly broadcast 1/4 cup of a 15-0-15 fertilizer in March and continue each month through early September. If this is not available substitute a 16-4-8 or 12-4-8 analysis at the same rate. For young plants less than 18 inches in height reduce the rate by half. For large plants 5 feet and over, double the rate. It is not necessary to remove the mulch before applying the fertilizer. Brush or rinse any fertilizer from the leaves and stems. If a rose special fertilizer is used, follow manufacturer's recommendation for application rate.