

Goldenseal (Code #092)

| Soil Test Rating <i>All Soils</i> | Potassium | | | |
|--------------------------------------|---------------------|---------------|---------------|-------------|
| | Low K | Medium K | High K | Very High K |
| | 0-150 lbs/A | 151-250 lbs/A | 251-450 lbs/A | 450+ lbs/A |
| Phosphorus | <i>See Comments</i> | | | |
| Low P 0-50 lbs/A | G02 | G02 | G03 | G03 |
| Medium P 51-100 lbs/A | G02 | G02 | G01 | G01 |
| High P 101-200 lbs/A | G04 | G01 | G01 | G01 |
| Very High P 200+ lbs/A | G04 | G01 | G01 | G01 |

Recommendations:

| | | | | | | | | | |
|-----------------|--|----------------------------|----------------------|---------------------------|---------------------|----------|-----------------------|----------------------------|---------------------|
| Recommended pH: | 6.0. If the pH is less than 6.0, see Lime Table C. | | | | | | | | |
| 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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| 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.)

Apply lime and incorporate into soil to 6" or depth of tillage prior to planting.

- G01. To maintain fertility and supply organic matter, apply 30 pounds of composted animal manure per 1,000 square feet in the spring.
- G02. Apply 5-10-15 fertilizer broadcast at a rate of 5 pounds per 1,000 square feet. Alternatively, apply 30 pounds of composted animal manure per 1,000 square feet in the spring.
- G03. Apply ordinary superphosphate (20% P₂O₅) at a rate of 2 pounds per 1,000 square feet in the spring. Alternatively, apply 30 pounds of composted animal manure per 1,000 square feet in the spring.
- G04. Apply 0-0-60 fertilizer at a rate of 1.5 pounds per 1,000 square feet in the spring. Alternatively, apply 30 pounds of composted animal manure per 1,000 square feet in the spring.