SOIL TEST REPORT

Any Producer
120 Scenic Road
Any Town, USA

County: Henderson

Mehlich 1 SOIL TEST RESULTS and RATINGS*

(Pounds Per Acre)

<table>
<thead>
<tr>
<th>Sample</th>
<th>Water pH</th>
<th>Buffer Value</th>
<th>P</th>
<th>K</th>
<th>Ca</th>
<th>Mg</th>
<th>Zn</th>
<th>Cu</th>
<th>B</th>
<th>Na</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1</td>
<td>5.8</td>
<td>7.7</td>
<td>28</td>
<td>M</td>
<td>190</td>
<td>1257</td>
<td>S</td>
<td>64 +</td>
<td>S</td>
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</tr>
</tbody>
</table>

Organic Matter %: Magnesium, Calcium, Iron, Manganese, Phosphorus, Potassium, Zinc, Copper, Boron, Sodium

*Buffer Value is reported when the Water pH is too low or a lime recommendation is indicated. This value is a tool to help provide a lime recommendation suitable for your soil.

RECOMMENDATIONS

Fertilizer/Lime Application Rate and Timing

B1 Hybrid Bermudagrass Hay - Maintenance

Nitrogen/Phosphate/Potash: 120-400 / 40-80 / 40-80 pounds per acre

Limestone: 2 tons per acre

The rate of nitrogen topdressing depends on the need for forage. Apply 60 to 100 pounds of the nitrogen May 1 and again after each cutting when conditions allow regrowth. Four cuttings are often possible. If the higher rates of nitrogen are used, use the higher rates of phosphate and potash. Broadcast all lime and fertilizer on the soil surface. If more than 4 tons of lime per acre are required, apply only 4 tons of lime per acre and re-test after one year.

When nitrogen sources containing urea are used, some loss of nitrogen may occur if applied to moist soils followed by three or more days of rapidly drying conditions without rainfall. If urea is the nitrogen source, some loss of nitrogen may occur if applied to moist soils followed by three or more days of rapidly drying conditions without rainfall.

Apply recommended amounts of phosphate and potash in one application any time during the year.

If you have questions about these recommendations, contact your County Extension office.

Visit our web site at http://soilplantandpest.utk.edu for additional information.
<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Fertilizer/Lime Application Rate and Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1 Vegetable Garden</td>
<td>Nitrogen/Phosphate/Potash: ( N / P_{2}O_{5} / K_{2}O )</td>
</tr>
<tr>
<td></td>
<td>Limestone: Lime is not recommended at this time</td>
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<td>Broadcast 25 lbs. 6-12-12 per 1000 sq. ft. before planting.</td>
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</tbody>
</table>

Apply as a sidedressing 1-1.5 lbs. of ammonium nitrate (34-0-0) per 100 ft. row as follows: cucumbers, cantaloupe, pumpkins, squash and watermelon when vines are 1 foot long; tomatoes, pepper and eggplant when first fruits are 1 inch or more in diameter; sweet corn when 12-18 inches tall; okra after first picking; lettuce 3-4 weeks after seeding; broccoli, cabbage, cauliflower and brussel sprouts 3-4 weeks after transplanting. For turnip greens, spinach, collards, kale and mustard use 2-3 lbs. per 100 ft. row.

*Ratings: Indicates relative availability of nutrients to plants. (See back of this form for detailed explanation.)

**PPM = Parts per Million

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