

## Soil Test Report

### Sample ID

(CEC/CEA Signature)

#### Client Information

Gittin' There Farms

Sample: 1

Crop: Kale, fresh market

#### Lab Information

Lab #2889

Completed: Aug 4, 2010

Printed: Jul 16, 2015

Tests: S1

#### Contact

**Soil, Plant, and Water Laboratory**

2400 College Station Road

Athens, GA 30602

ph: 706-542-5350

e-mail: [soiltest@uga.edu](mailto:soiltest@uga.edu)

### Results

Mehlich I Extractant

UGA Lime Buffer Capacity Method\*

Very High				
High				
Medium				
Low				
	<b>Phosphorus (P)</b>	<b>Potassium (K)</b>	<b>Calcium (Ca)</b>	<b>Magnesium (Mg)</b>
Soil Test Index	141 lbs/Acre	114 lbs/Acre	1026 lbs/Acre	135 lbs/Acre

	<b>Zinc (Zn)</b>	<b>Manganese (Mn)</b>	<b>pH *</b>	<b>Lime Buffer Capacity (LBC)</b>
	7 lbs/Acre	15 lbs/Acre	6.4	161
				<b>Soil Test Index</b>

### Recommendations

Can't find a specific grade of fertilizer? Try our Fertilizer Calculator: <http://aesl.ces.uga.edu/soil/fertcalc/>

<b>Limestone</b>	<b>Nitrogen (N)</b>	<b>Phosphate (P<sub>2</sub>O<sub>5</sub>)</b>	<b>Potash (K<sub>2</sub>O)</b>	<b>Sulfur (S)</b>	<b>Boron (B)</b>	<b>Manganese (Mn)</b>	<b>Zinc (Zn)</b>
0 tons/Acre	175-225 lbs/Acre	20 lbs/Acre	150 lbs/Acre	10 lbs/Acre	2 lb/Acre	--	--

Recommended pH: 6.3 to 6.8

\*For information on how the Soil, Plant, and Water Laboratory measures and reports pH and makes lime recommendations, see <http://aesl.ces.uga.edu/soil/SoilpH.html>.

Nitrogen (N) rates will vary depending on rainfall, soil type, irrigation, plant population and method and timing of applications.

For transplants, apply a starter solution using 3 pounds of 10-34-0 per 50 gallons of water.

For early growth stimulation apply a pop-up fertilizer using 100 to 150 pounds of 10-34-0 or similar material per acre. Apply the fertilizer 2 to 3 inches to the side of the seeds or plants and 2 to 3 inches below the seeds or roots.

Sulfate of potash magnesia may be used to supply a portion of the recommended potash (K<sub>2</sub>O) and to also supply magnesium (Mg) and sulfur (S).

For more efficient use of fertilizer split the applications, applying one-third to one-half down (banded or incorporated in the bed) and the remainder in 1 to 3 applications. If the fertilizer is broadcast, increase the application rates of phosphate (P<sub>2</sub>O<sub>5</sub>) and potash (K<sub>2</sub>O) 1½ to 2 times.

NOTE: The amount of nitrogen (N), phosphate (P<sub>2</sub>O<sub>5</sub>), and potash (K<sub>2</sub>O) actually applied may deviate 10 pounds per acre from that recommended without appreciably affecting yields.

### Learning for Life

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