



# Key Agricultural Services, Inc.

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ID: 9343

Home Owner  
114 Shady Lane  
  
Macomb, IL 61455  
  
Location: Garden

### Soil Test Results:

pH: 7.4  
OM: 4.6 %  
P: 160 ppm  
K: 550 ppm

## GARDEN RECOMMENDATIONS

LIME: None Required

FERTILIZER: **DO NOT USE FERTILIZERS WITH WEED KILLERS IN THEM!!**

### First Application

Broadcast (scatter) evenly on the top of the soil and work down about 6 inches with a tiller one of the following fertilizers applied at the indicated rate:

(Choose One) <u>FERTILIZER</u>	<u>APPLICATION RATE</u> pounds per 100 sq. ft.
33-0-0	0.50
46-0-0	0.30

**NOTE:** 1 pound of fertilizer equals about 2 1/4 cups  
1 pound of limestone equals about 1 1/2 cups



#### **ADDITIONAL SIDEDRESS FERTILIZER:**

Apply in band along one side of row, 6-12 inches from plant.

Apply one half lb. (1 cup) of 33-0-0 (Ammonium Nitrate) or 46-0-0 (Urea) garden fertilizer along 25 to 30 foot of row.

If it is easier to fertilize each plant, apply 1 Tablespoon of 33-0-0 or 46-0-0 per plant.

Keep Fertilizer off leaves or wash it off.

#### **CROP:**

Sweet Corn - apply when 12 - 18 inches tall.

Tomatoes - apply when fruit is size of golf balls.  
Make 2 more applications 3 and 6 weeks later.

Cucumbers - apply when plants begin to vine.

Other Vine Crops - apply when begin to set fruit.

Leafy Vegetables - apply when half grown.

Peppers - apply after first flush of peppers is set.

#### SOIL TEST INTERPRETATION - GARDENS:

<u>Soil Test</u>	<u>Desired Levels</u>
pH (soil acidity)	6.0 - 6.8
om (soil organic matter)	greater than 1.5 %
P (soil phosphorus)	35 - 50 ppm
K (soil potassium)	200 - 400 ppm

ppm = parts per million

**COMMENTS:** Blossom-end rot is most prevalent during prolonged dry periods that occur while the plants are making vigorous growth. It may also occur after periods of unusually abundant rain. Extreme fluctuations in moisture favor the disease.