

Date: 11/9/2017

Soil Report for:

VINCENT, ELLEN

Lab Number: 17110482  
Account: ELLENAV  
Farm Id: VINCENT, ELLEN  
Sample Id: CENTER17FA  
Soil Code: 3

Analysis

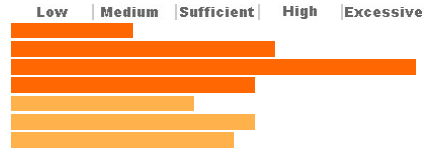
Soil pH  
Buffer pH

Phosphorus (P)  
Potassium (K)  
Calcium (Ca)  
Magnesium (Mg)  
Zinc (Zn)  
Manganese (Mn)  
Boron (B)  
Copper (Cu)  
Sodium (Na)  
Sulfur (S)  
Soluble Salts  
Nitrate Nitrogen  
Organic Matter

Results

7.1
7.75
42
195
4615
246
10.4
133
2
1.6
29
6.6

lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
mmhos/cm  
ppm  
% (LOI)



Calculations

Cation Exchange Capacity (CEC)  
14.9 meq/100g

Base Saturation

Acidity	Ca	Mg	K	Na	Total
2 meq/100g	77%	7%	2%	0%	86%

Recommendations

Lime

Crop

Shrubs(sq ft)

No Lime Required

See Comments: 118,300,302,309,654

Annual Flowers/Roses(sq ft)

No Lime Required

See Comments: 118,300,316,323,654

Comments

118

Two cups (1 pint) fertilizer is equal to approximately 1 pound. Three-quarter pint limestone weighs approximately 1 pound.

300

As a precaution against fertilizer burn, water the plants immediately after the fertilizer is applied.

302

Broadcast 1-1/2 cups triple superphosphate (0-46-0) and 2 cups calcium nitrate (15.5-0-0) or 1 cup 34-0-0 per 100 square feet in early spring and then in early summer, broadcast either 2 cups calcium nitrate (15.5-0-0) or 1 cup 34-0-0 per 100 square feet in early summer. See below for application instructions.

309

Uniformly spread fertilizer over area beginning 6 inches from the trunk and extending well beyond end of branch spread. Not necessary to remove the mulch before applying the fertilizer. Brush or rinse the fertilizer from the leaves and stems.

316

Broadcast 1/2 cup triple super phosphate (0-46-0) and either 1.5 cups calcium nitrate (15.5-0-0) or 3/4 cups 34-0-0 per 100 square feet when spring growth begins, broadcast either 1 cup calcium nitrate (15.5-0-0) or 1/2 cup 34-0-0 per 100 square feet monthly until August 1.

323

Uniformly spread fertilizer over the area and soak into the soil. If applied before planting, mix in the top 6 inches.

654

Soil test again next year if either phosphorus (P) or potassium (K) is high or excessive to monitor levels.

Date: 11/9/2017

Soil Report for:

VINCENT, ELLEN

Lab Number: 17110483  
Account: ELLENAV  
Farm Id: VINCENT, ELLEN  
Sample Id: LEHCTSKY17  
Soil Code: 3

**Analysis**

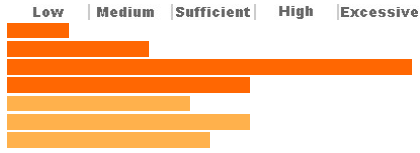
Soil pH  
Buffer pH

Phosphorus (P)  
Potassium (K)  
Calcium (Ca)  
Magnesium (Mg)  
Zinc (Zn)  
Manganese (Mn)  
Boron (B)  
Copper (Cu)  
Sodium (Na)  
Sulfur (S)  
Soluble Salts  
Nitrate Nitrogen  
Organic Matter

**Results**

6.7
7.65
17
121
2918
191
8.2
85
1.1
2
35
4.5

lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
lbs/acre  
mmhos/cm  
ppm  
% (LOI)



**Calculations**

Cation Exchange Capacity (CEC)  
11.1 meq/100g

**Base Saturation**

Acidity	Ca	Mg	K	Na	Total
2.8 meq/100g	66%	7%	1%	1%	75%

**Recommendations**

**Lime**

Crop

Shrubs(sq ft)

No Lime Required

See Comments: 118,300,301,309

Annual Flowers/Roses(sq ft)

No Lime Required

See Comments: 118,300,314,323

**Comments**

118  
300  
301  
309  
314  
323

Two cups (1 pint) fertilizer is equal to approximately 1 pound. Three-quarter pint limestone weighs approximately 1 pound.

As a precaution against fertilizer burn, water the plants immediately after the fertilizer is applied.

Broadcast 1-1/2 cups triple superphosphate (0-46-0) and 2 cups 15-0-15 or equivalent fertilizer per 100 square feet in early spring and then in early summer, broadcast either 2 cups 12-6-6 or 11-7-7 or equivalent fertilizer per 100 square feet. See below for application instructions.

Uniformly spread fertilizer over area beginning 6 inches from the trunk and extending well beyond end of branch spread. Not necessary to remove the mulch before applying the fertilizer. Brush or rinse the fertilizer from the leaves and stems.

Broadcast 2 cups 10-10-10 per 100 square feet when spring growth begins and repeat monthly (or 1 and 1/2 cups 14-14-14 slow release or equivalent fertilizer every other month) until August 1.

Uniformly spread fertilizer over the area and soak into the soil. If applied before planting, mix in the top 6 inches.