

Date: 2/27/2015

Lab Number: 15027235

Soil Report for:

Account: 1002212

FRANKLIN, JENNIFER
274 ELLINGTON PLANT SCI
KNOXVILLE TN, 37996

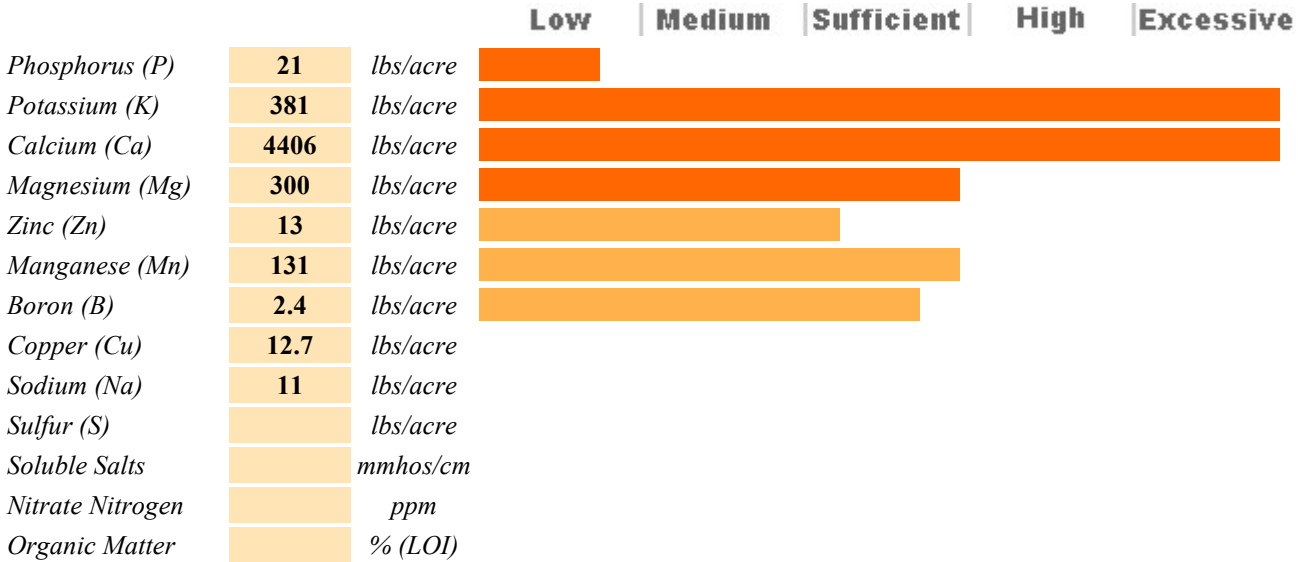
Farm Id: FRANKLIN,
JENNIFER

Sample Id: UT01

Soil Code: 3

Analysis Results

Soil pH	7.2
Buffer pH	7.75



Calculations

Cation Exchange Capacity (CEC)	Acidity	Base Saturation					Total
		Ca	Mg	K	Na		
14.8 meq/100g	2 meq/100g	74%	8%	3%	0%	86%	

Recommendations (lbs/acre)

Crop											Lime (lbs/acre)		
	N	P ₂ O ₅	K ₂ O	Ca	Mg	Zn	Mn	Cu	B	S	Target 5.5	Target 6.0	Target 6.5
Grass/Legume-Wildlife	30	100	0	0	0	0	0	0	0	0			0

See Comments: 105,516,518

Comments

- 105** To convert nitrogen, phosphate, and potash recommendations from pounds per acre to pounds per 1,000 square feet (or each 300 feet of row), divide by 43.5.
- 516** Since nitrogen promotes grass over legume growth for a grass/legume mix, do not exceed the nitrogen recommendation.
- 518** Maintain soil pH between 6.0 and 6.5 for sustained legume growth and survival. If organic matter of soil is greater than 10%, maintain pH between 5.5 and 6.0.