

Soil Report

Job Name **Pisticci Full Circle**

Date **1/7/2016**

Company **Pisticci Full Circle**

Submitted By

Sample Location		OPRS				
Sample ID		OUT				
Lab Number		1				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		16.03				
pH of Soil Sample		7.2				
Organic Matter, Percent		7.55				
ANIONS	SULFUR: p.p.m.	12				
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	800				
EXCHANGEABLE CATIONS	CALCIUM: lbs / acre Desired Value Value Found Deficit	4360 4182 -178				
	MAGNESIUM: lbs / acre Desired Value Value Found Deficit	461 967				
	POTASSIUM: lbs / acre Desired Value Value Found Deficit	500 329 -171				
	SODIUM: lbs / acre	208				
	Calcium (60 to 70%)	65.22				
	Magnesium (10 to 20%)	25.13				
	Potassium (2 to 5%)	2.63				
	Sodium (.5 to 3%)	2.82				
BASE SATURATION %	Other Bases (Variable)	4.20				
	Exchangable Hydrogen (10 to 15%)	0.00				
TRACE ELEMENTS	Boron (p.p.m.)	0.52				
	Iron (p.p.m.)	169				
	Manganese (p.p.m.)	50				
	Copper (p.p.m.)	6.57				
	Zinc (p.p.m.)	29.15				
	Aluminum (p.p.m.)	535				
OTHER	NH ₄ -N (p.p.m.)	0.2				
	NO ₃ -N (p.p.m.)	15.6				

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Sample Location		OPRS				
Sample ID		EGH				
Lab Number		2				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		16.26				
pH of Soil Sample		7.1				
Organic Matter, Percent		6.28				
ANIONS	SULFUR: p.p.m.	41				
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	615				
EXCHANGEABLE CATIONS	CALCIUM: lbs / acre Desired Value Value Found Deficit	4422 4320 -102				
	MAGNESIUM: lbs / acre Desired Value Value Found Deficit	468 725				
	POTASSIUM: lbs / acre Desired Value Value Found Deficit	507 878				
	SODIUM: lbs / acre	284				
	Calcium (60 to 70%)	66.42				
	Magnesium (10 to 20%)	18.58				
	Potassium (2 to 5%)	6.92				
	Sodium (.5 to 3%)	3.79				
BASE SATURATION %	Other Bases (Variable)	4.30				
	Exchangable Hydrogen (10 to 15%)	0.00				
TRACE ELEMENTS	Boron (p.p.m.)	0.63				
	Iron (p.p.m.)	221				
	Manganese (p.p.m.)	57				
	Copper (p.p.m.)	2.87				
	Zinc (p.p.m.)	9.98				
	Aluminum (p.p.m.)	552				
OTHER	NH4-N (p.p.m.)	0.2				
	N03-N (p.p.m.)	38.2				

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Sample Location		OPRS				
Sample ID		WGH				
Lab Number		3				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		17.35				
pH of Soil Sample		7.5				
Organic Matter, Percent		7.40				
ANIONS	SULFUR: p.p.m.	41				
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	654				
EXCHANGEABLE CATIONS	CALCIUM: lbs / acre Desired Value Value Found Deficit	4719 4485 -234				
	MAGNESIUM: lbs / acre Desired Value Value Found Deficit	499 848				
	POTASSIUM: lbs / acre Desired Value Value Found Deficit	541 1038				
	SODIUM: lbs / acre	275				
	Calcium (60 to 70%)	64.63				
	Magnesium (10 to 20%)	20.37				
	Potassium (2 to 5%)	7.67				
	Sodium (.5 to 3%)	3.44				
BASE SATURATION %	Other Bases (Variable)	3.90				
	Exchangable Hydrogen (10 to 15%)	0.00				
TRACE ELEMENTS	Boron (p.p.m.)	0.81				
	Iron (p.p.m.)	228				
	Manganese (p.p.m.)	62				
	Copper (p.p.m.)	2.9				
	Zinc (p.p.m.)	11.86				
	Aluminum (p.p.m.)	547				
OTHER						

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Sample Location		KITCH				
Sample ID		IMP				
Lab Number		4				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		11.89				
pH of Soil Sample		6.3				
Organic Matter, Percent		8.02				
ANIONS	SULFUR: p.p.m.	15				
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	733				
EXCHANGEABLE CATIONS	CALCIUM: lbs / acre Desired Value Value Found Deficit	3233 3192 -41				
	MAGNESIUM: lbs / acre Desired Value Value Found Deficit	342 371				
	POTASSIUM: lbs / acre Desired Value Value Found Deficit	370 258 -112				
	SODIUM: lbs / acre	81				
	Calcium (60 to 70%)	67.13				
	Magnesium (10 to 20%)	13.00				
	Potassium (2 to 5%)	2.78				
	Sodium (.5 to 3%)	1.48				
BASE SATURATION %	Other Bases (Variable)	5.10				
	Exchangable Hydrogen (10 to 15%)	10.50				
TRACE ELEMENTS	Boron (p.p.m.)	0.36				
	Iron (p.p.m.)	127				
	Manganese (p.p.m.)	21				
	Copper (p.p.m.)	2.57				
	Zinc (p.p.m.)	4.7				
	Aluminum (p.p.m.)	1018				
OTHER	NH4-N (p.p.m.)	0.3				
	N03-N (p.p.m.)	11.8				

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Sample Location		KITCH				
Sample ID		PATH				
Lab Number		5				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		9.37				
pH of Soil Sample		5.9				
Organic Matter, Percent		7.20				
ANIONS	SULFUR: p.p.m.	16				
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	564				
EXCHANGEABLE CATIONS	CALCIUM: lbs / acre Desired Value Value Found Deficit	2549 2150 -399				
	MAGNESIUM: lbs / acre Desired Value Value Found Deficit	269 303				
	POTASSIUM: lbs / acre Desired Value Value Found Deficit	292 267 -25				
	SODIUM: lbs / acre	84				
	Calcium (60 to 70%)	57.33				
	Magnesium (10 to 20%)	13.47				
	Potassium (2 to 5%)	3.65				
	Sodium (.5 to 3%)	1.95				
BASE SATURATION %	Other Bases (Variable)	5.60				
	Exchangable Hydrogen (10 to 15%)	18.00				
TRACE ELEMENTS	Boron (p.p.m.)	0.3				
	Iron (p.p.m.)	138				
	Manganese (p.p.m.)	22				
	Copper (p.p.m.)	2.6				
	Zinc (p.p.m.)	5.26				
	Aluminum (p.p.m.)	1138				
OTHER						