

# Soil Report

Job Name: **Nicola Bludau**

Date: 1/8/2018

Company: **Mountain Herbs**

Submitted By:

<i>Sample Location</i>		Veggie				
<i>Sample ID</i>		Garden				
<i>Lab Number</i>		171				
<i>Sample Depth in inches</i>		6				
<i>Total Exchange Capacity (M. E.)</i>		26.28				
<i>pH of Soil Sample</i>		6.9				
<i>Organic Matter, Percent</i>		11.32				
<b>ANIONS</b>	<b>SULFUR:</b> p.p.m.	48				
	<b>Mehlich III Phosphorous:</b> ppm	506				
<b>EXCHANGEABLE CATIONS</b>	<b>CALCIUM:</b> ppm Desired Value Value Found Deficit	3573 3630				
	<b>MAGNESIUM:</b> ppm Desired Value Value Found Deficit	378 522				
	<b>POTASSIUM:</b> ppm Desired Value Value Found Deficit	409 728				
	<b>SODIUM:</b> ppm	76				
<b>BASE SATURATION %</b>	Calcium (60 to 70%)	69.07				
	Magnesium (10 to 20%)	16.57				
	Potassium (2 to 5%)	7.11				
	Sodium (.5 to 3%)	1.26				
	Other Bases (Variable)	4.50				
	Exchangable Hydrogen (10 to 15%)	1.50				
<b>TRACE ELEMENTS</b>	Boron (p.p.m.)	0.72				
	Iron (p.p.m.)	218				
	Manganese (p.p.m.)	36				
	Copper (p.p.m.)	2.49				
	Zinc (p.p.m.)	50.57				
	Aluminum (p.p.m.)	206				
<b>OTHER</b>						

# Soil Report

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Date: 1/8/2018

Company: **Mountain Herbs**

Submitted By:

<i>Sample Location</i>		Upper				
<i>Sample ID</i>		Garden				
<i>Lab Number</i>		172				
<i>Sample Depth in inches</i>		6				
<i>Total Exchange Capacity (M. E.)</i>		20.53				
<i>pH of Soil Sample</i>		7.1				
<i>Organic Matter, Percent</i>		9.21				
<b>ANIONS</b>	<b>SULFUR:</b> p.p.m.	58				
	<b>Mehlich III Phosphorous:</b> ppm	497				
<b>EXCHANGEABLE CATIONS</b>	<b>CALCIUM:</b> ppm Desired Value Value Found Deficit	2791 2552 -239				
	<b>MAGNESIUM:</b> ppm Desired Value Value Found Deficit	295 510				
	<b>POTASSIUM:</b> ppm Desired Value Value Found Deficit	320 894				
	<b>SODIUM:</b> ppm	79				
<b>BASE SATURATION %</b>	Calcium (60 to 70%)	62.14				
	Magnesium (10 to 20%)	20.70				
	Potassium (2 to 5%)	11.17				
	Sodium (.5 to 3%)	1.68				
	Other Bases (Variable)	4.30				
	Exchangable Hydrogen (10 to 15%)	0.00				
<b>TRACE ELEMENTS</b>	Boron (p.p.m.)	0.64				
	Iron (p.p.m.)	273				
	Manganese (p.p.m.)	35				
	Copper (p.p.m.)	2.66				
	Zinc (p.p.m.)	40.11				
	Aluminum (p.p.m.)	287				
<b>OTHER</b>						

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Company: **Mountain Herbs**

Submitted By:

<i>Sample Location</i>		Lower				
<i>Sample ID</i>		Garden				
<i>Lab Number</i>		173				
<i>Sample Depth in inches</i>		6				
<i>Total Exchange Capacity (M. E.)</i>		19.92				
<i>pH of Soil Sample</i>		7.1				
<i>Organic Matter, Percent</i>		7.95				
<b>ANIONS</b>	<b>SULFUR:</b> p.p.m.	44				
	<b>Mehlich III Phosphorous:</b> ppm	344				
<b>EXCHANGEABLE CATIONS</b>	<b>CALCIUM:</b> ppm Desired Value Value Found Deficit	2708 2567 -141				
	<b>MAGNESIUM:</b> ppm Desired Value Value Found Deficit	286 381				
	<b>POTASSIUM:</b> ppm Desired Value Value Found Deficit	310 1077				
	<b>SODIUM:</b> ppm	66				
<b>BASE SATURATION %</b>	Calcium (60 to 70%)	64.44				
	Magnesium (10 to 20%)	15.94				
	Potassium (2 to 5%)	13.86				
	Sodium (.5 to 3%)	1.45				
	Other Bases (Variable)	4.30				
	Exchangable Hydrogen (10 to 15%)	0.00				
<b>TRACE ELEMENTS</b>	Boron (p.p.m.)	0.65				
	Iron (p.p.m.)	171				
	Manganese (p.p.m.)	31				
	Copper (p.p.m.)	2.2				
	Zinc (p.p.m.)	57.98				
	Aluminum (p.p.m.)	260				
<b>OTHER</b>						