

# MICHIGAN STATE UNIVERSITY

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SOIL & PLANT NUTRIENT LABORATORY  
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July 3, 2013

City of Mt. Pleasant  
Malcolm Fox  
320 W. Broadway St.  
Mt. Pleasant, MI 48858

## Liming/Marl Materials Report

	1		2			3	
Sample ID	% NV (od)	% MgCO <sub>3</sub>	% Moisture	% Calcium	% Magnesium	CaCO <sub>3</sub> Equiv. lbs/ Cu yd	
1	100.9	7.9	54.3	25.0	45.3	740	
2	101.3	10.1	51.2	26.1	57.9	795	

1= (VALUE FOR OVEN DRIED MATERIALS)

2= (% DRY MATERIAL = 100 - % MOIST)

3= one cubic yard of moist material contains the neutralizing equivalent of this number of pounds of calcium carbonate.

To be approved for the use in Agricultural Conservation Programs, the minimum requirements are:

Lime: 80% Neutralizing Value, 85% passing 8 mesh and 25% passing 100 mesh

Marl: 800 lbs CaCO<sub>3</sub> per cubic yard