

Aluminum Sulfate Calibration

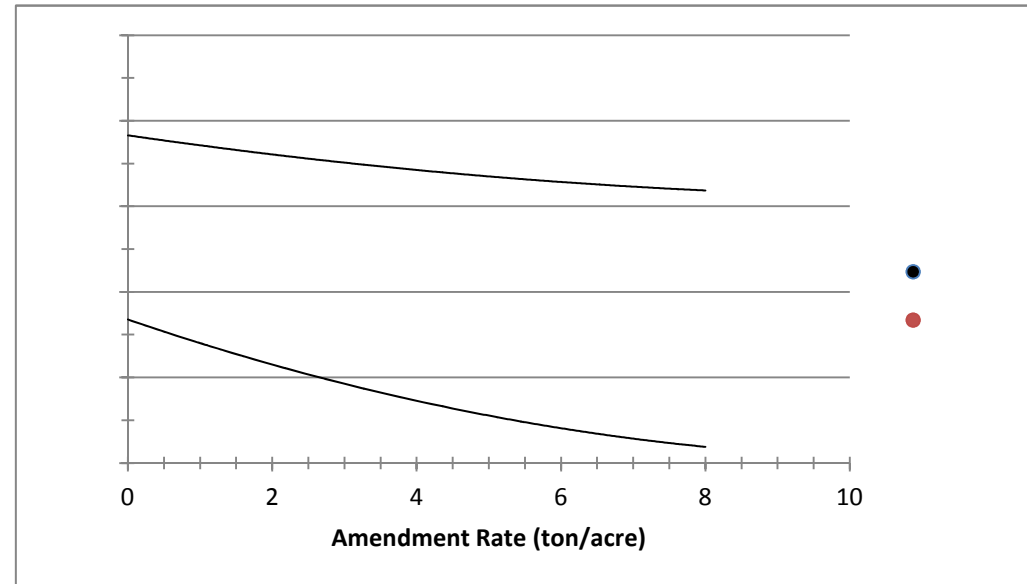
Rate (g/pot)	Rate (ton/acre)	Canisteo	Barnes	
0		0	5.7	7.82
0.4		2	5.1	7.62
0.8		4	4.74	7.44
1.2		6	4.44	7.25
1.6		8	4.17	7.2

Canisteo

Desired pH	4
ya	5.7001
a	0.3765
b	0.6743
Amendment rate (ton/A)	9.35
Amount of soil per pot (g)	1638
Grams amendment per pot	15.32

Barnes

Desired pH	7.5
ya	7.8255
a	0.1343
b	0.7629
Amendment rate (ton/A)	3.19
Amount of soil per pot (g)	1638
Grams amendment per pot	5.23



Calcium Carbonate Calibration

Rate (g/pot)	Rate (ton/acre)	Canisteo	Barnes
0.0	0	5.91	8.0
0.2	2	7.25	8.13
0.4	4	7.78	8.19
0.6	6	8.03	8.25
0.8	8	8.02	8.31

Canisteo

Desired pH	7.5
ya	5.9061
a	1.1472
b	0.3177
Amendment rate (ton/A)	2.82
Amount of soil per pot (g)	1638
Grams amendment per pot	4.61

Barnes

Desired pH	8.22
ya	8.0008
a	0.0787
b	0.6517
Amendment rate (ton/A)	4.82
Amount of soil per pot (g)	1638
Grams amendment per pot	7.89

