Acidic/Basic effect of Granusol products

Product	Ammonium-N (%)	At 1 g/l reduction by NH_4-N (mmol/l HCO_3^-) **	Effect from direct acids at 1 g/l (mmol/l HCO_3^-) *
10+10+30+6MgO+TE+MV10	1,4	1,00	
10+52+10+1MgO+TE+MV10	7,5	5,36	
20+20+20+1MgO+TE+MV10	2,2	1,57	
20+10+20+2MgO+TE+MV10	7,8	5,57	
20+05+10+6MgO+TE+MV10	7,1	5,07	
20+05+10+2MgO+TE+MV10	7,1	5,07	
20+05+30+2MgO+TE+MV10	0	0,00	
27+15+12+1MgO+TE+MV10	3,0	2,14	
20+10+15+2MgO+TE+MV10	7,4	5,29	
11+6+18+2MgO+TE+MV10	11,0	7,86	
18+18+18+3MgO+TE+MV10	3,6	2,57	
18+6+24+3MgO+TE+MV10	2,5	1,79	
14+7+21+3MgO+TE+MV10	4,0	2,86	
15+5+30+3MgO+TE+MV10	8,0	5,71	
12+5+24+2MgO+TE+MV10	8,0	5,71	

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Product	Ammonium-N (%)	At 1 g/l reduction by NH_4-N (mmol/l HCO_3^-) **	Effect from direct acids at 1 g/l (mmol/l HCO_3^-) *
10+30+20+2MgO+TE+MV10	*6,1*	*4,36*	
10+10+40+2MgO+TE+MV10	9,2	6,57	
4,5+11+36+5MgO+TE+MV10	0,5	0,36	
7+12+36+3MgO+TE+MV10	2,0	1,43	
12+07+25+2MgO+8CaO+TE+MV10*	0	0,00	1,268
17+10+7+0MgO+12CaO+TE+MV10*	0	0,00	1,811
21+10+10+0MgO+8CaO+TE+MV10*	7,2	5,14	1,811
10+10+30+3MgO+3CaO+TE+MV10*	0	0,00	1,268
8+12+24	6,4	4,57	
15+5+25 (+2) Poinsettia	4,0	2,86	
14+8+14 (+7CaO) Olives*	2,5	1,79	
20+5+20+2MgO+TE+MV10	8,3	5,93	
18+12+18 Hard Water	*7,0*	*5,00*	*1,89*
15+14+25 Hard Water	*5,0*	*3,57*	*0,97*

* For products containing Pekacid, the effect of this is added.

- Assumption: 92 mg/l
- Pekacid remove 1 mmol/l HCO3-.

**Caution: The acidifying effect only occurs when the NH4-N has been absorbed by the plant or nitrification has taken place, not already in the irrigation water