



IMPROVING SOIL PH

COLUMBIA RIVER CARBONATES

300 N. Pekin Road

Woodland, WA 98674

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ESTIMATED APPLICATION (GARDEN PEARLS Calcium Carbonate or MICRONA Lime)

Correct applications are calculated according to soil type. This would normally be in the range of 2.3 to 8.0 lbs per 1,000 sft per year (6 inch profile depth) for each 0.1 pH point increase. Crop specific calcium needed for plant growth and subsequent removal from soil must also be considered. High crop yielding soils should not be allowed to drop below 6.2 soil pH as a minimum to ensure fertilizer effectiveness, maximum plant growth potential and subsequent best value for your money.

GARDEN PEARLS Calcium or MICRONA Agricultural Lime - in Pounds per 1,000 sft.						
Approximate lbs for each 0.1 increase in pH	2.3 to 3		4.5 to 6		7 to 8	
Present pH (Water Method)	Sand		Loam		Clay	
	To 6	To 6.5	To 6	To 6.5	To 6	To 6.5
4.8	36	52	61	83	83	121
4.9	33	47	58	77	74	113
5.0	30	44	52	77	69	105
5.1	28	41	47	69	61	99
5.2	25	39	41	66	55	91
5.3	22	36	39	61	44	83
5.4	19	33	33	58	39	77
5.5	11	25	25	44	28	60
5.6	9	23	21	39	23	53
5.7	7	21	16	34	16	46
5.8	5	18	9	32	11	39
5.9	2	16	5	28	5	34
6.0	-----	11	-----	25	-----	30
6.1	-----	9	-----	21	-----	25
6.2	-----	7	-----	18	-----	21
6.3	-----	5	-----	11	-----	16
6.4	-----	2	-----	7	-----	11

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