

How to Increase Soil pH

Present pH	SAND		LOAM		CLAY	
	to pH 6.0	to pH 6.5	to pH 6.0	to pH 6.5	to pH 6.0	to pH 6.5
4.8	60	85	100	140	140	200
4.9	55	80	95	130	125	185
5.0	50	75	85	125	115	175
5.1	45	70	80	115	100	160
5.2	40	65	70	110	90	150
5.3	35	60	65	100	75	135
5.4	30	55	55	95	65	125
5.5	25	50	50	85	55	110
5.6	20	45	40	80	45	100
5.7	15	40	30	70	35	90
5.8	10	35	20	65	25	80
5.9	5	30	10	55	15	70
6.0		25		50		60
6.1		20		40		50
6.2		15		35		40
6.3		10		25		30
6.4		5		15		20

If hydrated lime is preferred, use three-fourths the above amounts.

AMOUNT OF GROUND LIMESTONE REQUIRED PER 1,000 SQ.FT.

Decreasing Soil pH

** Always base Soil Test for accurate results**

Current Soil pH	Desired Soil pH	Soil Texture		
		Sand	Loam	Clay
		Rates are pounds of Elemental Sulfur per 1000 sq. ft		
8.5	6.5	46	57	69
8.0	6.5	28	34	46
7.5	6.5	12	18	23
7.0	6.5	3	4	7

Lowering the pH dramatically can cause plant health issues. We suggest no more than 5 lbs per 1000 sq ft per application. Two applications per year. It is always best to amend soil prior to seeding.

Some plants require low pH. The following chart shows the rates to lower to a pH of 4.5:

Current Soil pH	Desired Soil pH	Soil Texture		
		Sand	Loam	Clay
		Rates are pounds of Elemental Sulfur per 1000 sq. ft		
7.0	4.5	20	60	90
6.5	4.5	15	45	70
6.0	4.5	12	35	53
5.5	4.5	8	25	37
5.0	4.5	4	12	20

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