

GRAPES Crop Code: 3500

Standard Message:

Grape cultivar name or type was not included in the information supplied by the grower. Because of this, lime recommendations are calculated to bring soil to a pH of 6.0. American grapes (juice or table such as Concord and Niagara) grow best at a soil pH of 5.5 while vinifera and French Hybrid grapes (wine grapes such as Cabernet Sauvignon, Chardonnay, Chambourcin, Vignoles) generally prefer a soil pH of 6.5.

If grapes are established do not apply lime, if recommended, unless pH is less than 4.5 for American grapes or less than 6.0 for vinifera and French Hybrid grapes. Apply no more than one ton/acre every twelve months to avoid potassium deficiency.

If growth is excessive, reduce nitrogen rate by half or omit entirely.

Lime and Magnesium Recommendation:

pH Goal: 6.0

See Table 1 for lime recommendations based on target pH

Opt soil test Mg (ppm): 60

See Table 2 for Mg recommendations based on optimum soil test Mg

Nitrogen Recommendation (lb N/A): 75

Phosphorus and Potassium Recommendations:

Phosphorus Recommendation (lb P2O5/A):

(Optimum soil test P: 25 - 50 ppm)

Soil test P (ppm)	P2O5 lb/A
0	100
10	100
15	90
20	90
25	70
30	70
35	50
40	30
45	30
50	

Potassium Recommendation (lb K2O/A):

(Optimum soil test K: 125 - 160 ppm)

Soil test K (ppm)	K2O lb/A
0	200
10	200
20	180
30	180
40	160
50	160
60	140
70	140
80	120
90	110
100	110
110	110
120	110
130	60
140	60
150	60
160	60
170	

Revised: