

APPLES-MAINTAIN Crop Code: 4001

Lime and Magnesium Recommendation:

pH Goal: 6.5 See Table 1 for lime recommendations based on target pH

Message when lime recommendation is greater than 4000 lb/A:

Apply lime in increments of 2000-3000 lbs/A over several years. For example, if total lime recommended is 4000 lb/A, apply in 2 applications of 2000 lb/A over two growing seasons. Do not apply more than 3000 lb/A in any one given application.

Message when soil pH is greater than 6.0 and less than 6.5:

Optimum pH for tree fruits is 6.0-6.5. Although the sample pH is equal to or above the minimum value of 6.0, lime is recommended to maintain soil above the minimum pH over the next 3 years.

Opt soil test Mg (ppm): 50 See Table 2 for Mg recommendations based on optimum soil test Mg

Nitrogen Recommendation:

Nitrogen should be applied based on leaf analysis and shoot growth. In absence of a current season's leaf analysis, shoot growth on bearing trees should be 12 to 18 inches. Another general guideline is to apply 0.02 lb of actual N per tree per year of tree age. If following this guideline, do not exceed 0.30 lb of actual N per tree per year.

If terminal growth was excessive, fruit color was inadequate or major renovative pruning was performed, a reduction in the rate of N application is in order.

Phosphorus Recommendation (lb P₂O₅/A):

(Optimum soil test P: 50 -100 ppm)

Soil test P (ppm)	P ₂ O ₅ lb/A
0	175
5	175
10	175
15	150
20	150
25	150
30	150
35	100
40	100
45	100
50	100
55	

Potassium Recommendation (lb K₂O/A):

(Optimum soil test K: 150 - 300 ppm)

Soil test K (ppm)	K ₂ O lb/A
0	150
10	150
20	150
30	150
40	120
50	120
60	120
70	80
80	80
90	80
100	80
110	60
120	60
130	60
140	60
150	60
160	