

## 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 lbs/A, apply in 2 applications of 2000 lbs/A over two growing seasons. Do not apply more than 3000 lbs/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 8 to 15 inches. Another general guideline is to apply 0.01 lb of actual N per tree per year of tree age. If following this guideline, do not exceed 0.10 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)	P2O5 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)	K2O 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	