

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 18 to 24 inches. Another general guideline is to apply 0.03 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) | P2O5 lb/A |
|-------------------|-----------|
| 0 | 150 |
| 5 | 150 |
| 10 | 150 |
| 15 | 120 |
| 20 | 120 |
| 25 | 120 |
| 30 | 120 |
| 35 | 60 |
| 40 | 60 |
| 45 | 60 |
| 50 | 60 |
| 55 | |

Potassium Recommendation (lb K2O/A):

(Optimum soil test K: 150 - 300 ppm)

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