

APPLES-TO PLANT Crop Code: 4101

Lime and Magnesium Recommendation:

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

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	200
5	200
10	200
15	175
20	175
25	175
30	175
35	150
40	150
45	150
50	150
55	

Potassium Recommendation (lb K₂O/A):

(Optimum soil test K: 150 - 300 ppm)

Soil test K (ppm)	K ₂ O lb/A
0	170
10	170
20	170
30	170
40	150
50	150
60	150
70	120
80	120
90	120
100	120
110	80
120	80
130	80
140	80
150	80
160	