



Almond Nutrition

Fertilizing Nursery Trees

Adequate amounts of N-P-K (Nitrogen-Phosphorus-Potassium) are required for ensuring vigorous healthy nursery tree growth. Note that nutrition interacts with other factors (e.g., irrigation).

1. Preplant

- a. Before seed is planted in the fall, apply manure or 50 units of N-P-K.

2. Never let the tree stop growing

- a. If the tree growth slows down or stops, determine the reason.
- b. Look for nutritional, water, or pest problems and correct the problem.

3. Growing season

- a. Apply 25 units of N per month, from March - August.
- b. Watch tree growth, increase or decrease according to plant color, response.
- c. Keep soils moist. Don't allow fields to be too dry, or too wet.
- d. Watch for symptoms of minor element deficiency, especially iron and zinc. Correct if symptoms appear.
- e. Iron deficiency symptoms often are a result of overwatering, and the lack of soil oxygen.

4. Monitor leaf symptoms

- a. Look for nutrient deficiency or excess symptoms, as illustrated by photos on right.
- b. Correct as needed.

5. Management

- a. Irrigate as needed – avoid waterlogging
- b. Fertilize to have healthy vigorous trees
- c. With good management, It is possible to produce seedlings in one year.



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