**Fruit Tree Spray Schedule**

**For a Healthy Harvest**

**Reason Why To Spray?**

Home orchards must be sprayed several times during the growing season to ensure a good harvest. Spraying only a few times will not produce good results for most fruits. Hose-end sprayers or pressure tank sprayers can be used. Spray must be applied with sufficient quantities of water to cover both leaves and the fruit. Apply the product until the spray begins to drip off the leaves. It will require 1 gallon of spray mixture to each 5 feet of tree height. Larger trees with dense foliage may require slightly higher volumes. Always follow label directions.

**Spraying Apple and Pear Trees**

1. Dormant (March) – Apply Dormant Oil or Ultrafine Oil spray
   - Use a Fruit Tree Spray for all applications below
2. Pre-Pink – Flower buds formed and are in a tight cluster
3. Pink – Flower buds separated into separate tiny buds
4. Petal Fall – When 90% of flower petals have fallen
5. First Cover Spray – One week after petals fall
6. Second Cover Spray – Two weeks after petals fall
7. Third Cover Spray – 10-14 days after second cover spray
8. Fourth Cover Spray – 10 days after third cover spray
9. Fifth Cover Spray – 10 days after fourth cover spray
10. Sixth Cover Spray – 10 days after fifth cover spray
11. Remaining Cover Sprays – Every 10 days until Sept 1

**Spraying Peach, Apricot, Plum & Cherry Trees**

1. Dormant (March) – Apply Lime Spray
   - Use a Fruit Tree Spray for all applications below
2. Petal Fall – When 90% of the flower petals have fallen
3. Shuck Split – One week after petal fall
4. First Cover Spray – 10-14 days after shuck split spray
5. Second Cover Spray – 10 days after first cover spray
6. Third Cover Spray – Two weeks after second cover spray
7. Fourth Cover Spray – Two weeks after third cover spray
8. Fifth Cover Spray – Two weeks after fourth cover spray

**Spraying Raspberries**

1. Dormant (March) – Spray Lime Sulfur or Liquid Copper
   - Use permethrin insecticide for steps 2-5
2. First spray when buds are swelling
3. Second spray when new shoots are 4 to 6” long
4. Third spray when new shoots are 14” long
5. Continue to spray during growing season every 10-14 days with Neem Oil or Liquid Copper

**Spraying Grapes With Liquid Copper**

1. First spray when new growth 1-2” long
2. Second spray when new shoots 4-8” long
3. Third spray when new shoots 12-18” long
4. Fourth spray when pre-bloom just before blooms open
5. Spray immediately after flowers bloom
6. Spray 10-14 days after last application
7. Spray 10-14 days after last application
8. Spray 10-14 days after last application

**PLEASE NOTE:**

1. Reapply spray if .25” or more of rainfall occurs within 24 hours of initial spraying.
2. Never apply insecticides during bloom. Honeybees and other insects are essential for fruit pollination.

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