**Common Fruit Tree Nutritional & Insecticidal Foliar Sprays, Rev. April 2021**

Name Amount/ Gallon of Water Application / Remarks

**Nutritional Sprays**

Citrus Nutritional 1 Tablespoon 3 times/yr. [Sep/Feb/Jun] (for non-citrus fruit trees) 1 Tablespoon 3 times/yr. [Sep/after fruit sets/Jun]

(nutrients: Mg, S, Mn, & Zn)

Chelated Liquid Iron (Fe) 2 teaspoons Used to correct yellowing foliage.

Keyplex 350 ORtm (3) 2 teaspoons 3 or 4 times/yr. [Sep/after setting fruit/Jun]

(micro-nutrients: Mg, Zn, Fe, Boron, Molybdenum, & S)

Epson Salts 2 teaspoons 3 or 4 times/yr. (manganese and sulfur)

Molasses 2 teaspoons Add to orange oil w/ 1 cup of compost tea. (4)

**Insecticidal Sprays**

Neem oil (1) 2 Tablespoons Alternate weekly w/ sulfur &/or soap

during the dry season.

Baking Soda 4 teaspoons 3 times/ yr., or as may be needed.

Agricultural Soap/ Dish Detergent 1 Tablespoon Use in dry season, esp. before winter chills.

Sulfur (S) 2 Tablespoons (5) Alternate weekly w/ neem oil – dry season.

(**Note:** powder does not dissolve)

Copper (Cu) (2) 4 teaspoons **WARNING: Very dangerous to eyes.**

Use sparingly in the dry season only.

Malathion oil (2) 2 Tablespoons 3 times/3 days apart/during citrus flushing.

Thuricide (Dipel) (1) 1 Tablespoon Use to control worms and caterpillars.

(Bacillus Thuringiensis)

Spinosade(1) 4 Tablespoons Use to control ants, whiteflies, Caribbean fruit flies, leaf miners, spider mites, & caterpillars.

Orthenetm (Acephate) (2) 2 teaspoons (5) Use only as leaf damage dictates.

Mix powder with water & shake constantly.

**Other**

Spreader Sticker 1 to 2 teaspoons Add to insecticidal sprays applications to increase contact time & their effectiveness.

Additional Notes:

1. Certified Organic products are available.
2. Do not spray on flowers or fruit.
3. Available only in 2.5gallon containers and larger.
4. The process of making compost tea is beyond the scope of this table.
5. Measure as level spoon full.