



Natural Organic Products
Lawn • Garden • Agriculture

GARDEN APPLICATION RATES

Root Crops (i.e. carrots, beets, turnips)

1st application: Broadcast 3 oz. 4-3-3 and 2 oz. 0-12-0 in one gallon of water on 100 sq. ft. after planting.

2nd application: Foliar feed at 4-6 weeks with 2 oz. 4-3-3 per gallon of water.

3rd application: Repeat foliar application 3-4 weeks later.

Tubers and Tuberous Root Crops (i.e. potato, sweet potato, yam)

1st application: Band 3 oz. 4-3-3 and 2 oz. 0-12-0 per gallon of water on 20-30 ft. of row during planting.

2nd application: Foliar feed at 6-8 weeks with 2 oz. 4-3-3 in one gallon of water.

3rd application: repeat foliar feed every 3-4 weeks until harvest.

Leaf Crops (i.e. lettuce, celery, spinach)

1st application: Band 3-4 oz. (use more on soils with low fertility levels) 4-3-3 in one gallon of water.

2nd application: Foliar feed when plants are 3-4 weeks old with 2 oz. 4-3-3 in one gallon of water.

3rd application: Repeat foliar feed every 3-4 weeks until harvest.

Cole Crops (i.e. cabbage, broccoli, cauliflower)

1st application: Broadcast 4 oz. 4-3-3 in one gallon of water on 100 sq. ft. before final seedbed application.

2nd application: Foliar feed 2-3 weeks after transplanting with 2 oz. 4-3-3 in one gallon of water.

3rd application: Repeat foliar feed when plants begin to head.

Solanaceous Crops (i.e. tomato, pepper, eggplant)

1st application: Band 3 oz. 4-3-3 and 2 oz. 0-12-0 in one gallon of water on 20-30 ft. row during transplanting.

2nd application: Foliar feed at first bloom with 2 oz. 4-3-3.

3rd application: Repeat foliar application at full bloom and during fruit set.

Legumes (i.e. beans, peas, lima beans)

1st application: Band 2 oz. 4-3-3 in one gallon of water on 20-30 ft. of row planting.

2nd application: Foliar feed at first bloom with 2 oz. 4-3-3 in one gallon of water.

3rd application: Repeat foliar feed before the second flush of blooms on beans.

Cucurbits (Le. cucumber, squash, melon)

1st application: Band 3 oz. 4-3-3 in one gallon of water on 100 sq. ft. or four hills during planting.

2nd application: Foliar feed when plants are 3-5" tall with 2 oz. 4-3-3 in one gallon of water.

3rd application: Repeat foliar feed when plants begin to run and at first bloom.

SMALL FRUITS

Strawberry:

New Planting:

Broadcast 4 oz. 0-12-0 and 3 oz. 4-3-3 per gallon of water on 100 sq. ft. before final seedbed preparation.

1st Application:

Foliar feed in spring after leaf formation with 2 oz. 4-3-3 in one gallon of water (only if leaves are light green to yellow).

2nd Application:

Foliar feed in late August with 2 oz. 4-3-3 and 2 oz. 0-12-0 in one gallon of water.

Blueberry:

New Planting:

1st Application:

Band 4 oz. 0-12-0 and 3 oz. 4-3-3 in one gallon of water on 2 to 3 bushes during planting. Water the bushes with the same fertilizer solution after planting.

Broadcast 2 oz. 4-3-3 in one gallon of water on 100 sq. ft. (on mulch around plants) in early spring.

2nd Application:

Repeat first application every 3 weeks until fruit set.

3rd Application:

Foliar feed in late summer after harvest with 2 oz. 4-3-3 in one gallon of water.

Raspberry:

1st Application:

Apply 2 oz. of 4-3-3 in one gallon of water on 100 sq. ft. (on mulch plants) in March.

2nd Application:

Repeat first application every 3 weeks until fruit set.

Grape:

New Planting: Band 4 oz. 0-12-0 and 4-3-3 in one gallon of water on 3 to 4 rootstocks during planting. Water the bushes with the same fertilizer solution after planting.

1st Application: Broadcast 2 oz. 4-3-3 in one gallon of water on 100 sq. ft. in early spring when buds begin to swell (feeder roots start 6" away from the plants and stretch as far as 6 ft. on well established vines).

2nd Application: Repeat first application 3 weeks later.

1st Application: Foliar feed after leaves open with 2 oz. 4-3-3 in one gallon of water.

2nd Application: Broadcast 3 oz. 4-3-3 in one gallon of water on 100 sq. foot after harvest or in early spring (around drip line).

Pear:

1st Application: Broadcast 2 oz. 4-3-3 in one gallon of water on 100 sq. ft. (around drip line) after harvest or in early spring.

2nd Application: Foliar feed after leaves open (if leaves or tips of branches are yellow) with 2 oz. 4-3-3 in one gallon of water.

Peach:

1st Application: Broadcast 4 oz. 4-3-3 in one gallon of water on 100 sq. ft. (around drip line) in early spring if leaves on tips of branches are yellow.

Citrus:

- 1st Application: Broadcast 4 oz. 4-3-3 in one gallon of water on 100 sq. ft. (around drip line) before growing season.
- 2nd Application: Foliar feed during early bloom with 4 oz. 4-3-3 in one gallon of water.
- 3rd Application: Repeat foliar applications after petal fall and again during fruit formation.
- 4th Application: Repeat foliar application 1-2 months before harvest.

Houseplants:

- Summer: Saturate soil with 2 to 3 oz. of 4-3-3 in one gallon of water every 2 to 4 weeks. (Use lower dilution rate on soilless potting media but fertilize more often; fertilize less often on slow growing plants such as succulents and cacti).
- Fall: To stimulate root growth add 2 to 3 oz. 0-12-0 to the tea.
- Winter: Use same rates as summer rates but fertilize every 4 to 8 weeks.
- Flowering Plants: Add 2 to 3 oz. 0-12-0 to the fertilizer tea at the first sign of bloom or at the beginning of bloom season if known.