



# DRY FERTILIZER RATES

21-7-14

Avocado & Citrus

Calcium Nitrate, 15-15-15

| Tree Age | Lbs./Tree Per Year | N/Tree oz. Per Month | N/100 Trees Per Month # | N applied 3 x Year |
|----------|--------------------|----------------------|-------------------------|--------------------|
| 1        | 0.5                | 0.85                 | 1.1                     | NR                 |
| 2        | 1.2                | 2                    | 1.8                     | NR                 |
| 3        | 2.1                | 4.25                 | 26                      | 0.8                |
| 4        | 3.6                | 6.33                 | 40                      | 1.2                |
| 5        | 6                  | 10.6                 | 66                      | 2                  |
| 6        | 8.33               | 14.25                | 93                      | 2.75               |
| 7        | 9.5                | 17                   | 106                     | 3.2                |
| 8        | 10.9               | 19                   | 119                     | 3.6                |
| 9        | 12                 | 21                   | 133                     | 4                  |
| 10       | 13                 | 23                   | 148                     | 4.4                |
| M        | 14                 | 25                   | 157                     | 4.75               |

| Tree Age | Lbs./Tree Per Year | Lbs./Acre Per Month | Oz./Tree Per Month | Lbs./Tree 3 x Year |
|----------|--------------------|---------------------|--------------------|--------------------|
| 1        | 0.65               | 7                   | 1                  | NR                 |
| 2        | 1.61               | 18                  | 3                  | NR                 |
| 3        | 3.23               | 36                  | 6                  | 1.1                |
| 4        | 4.84               | 54                  | 9                  | 1.6                |
| 5        | 8                  | 90                  | 14.4               | 2.66               |
| 6        | 11.3               | 125                 | 20                 | 3.75               |
| 7        | 13                 | 143                 | 23                 | 4.33               |
| 8        | 14.5               | 161                 | 26                 | 4.75               |
| 9        | 16                 | 179                 | 29                 | 5.33               |
| 10       | 17.75              | 198                 | 32                 | 6                  |
| M        | 19.5               | 215                 | 34                 | 6.5                |

Can 27

| Tree Age | Lbs./Tree Per Year | Lbs./Acre Per Month | Oz./Tree Per Month | Lbs./Tree 3 x Year |
|----------|--------------------|---------------------|--------------------|--------------------|
| 1        | 0.3                | 3.33                | 0.53               | NR                 |
| 2        | 0.75               | 8.33                | 1.33               | NR                 |
| 3        | 1.5                | 16.66               | 2.67               | 0.5                |
| 4        | 2.25               | 25                  | 4                  | 0.75               |
| 5        | 3.75               | 42                  | 6.75               | 1.25               |
| 6        | 5.22               | 58                  | 9.25               | 1.75               |
| 7        | 5.97               | 66.33               | 11                 | 2                  |
| 8        | 6.72               | 75                  | 12                 | 2.25               |
| 9        | 7.46               | 83                  | 13.25              | 2.5                |
| 10       | 8.21               | 91                  | 14.5               | 2.75               |
| M        | 9                  | 100                 | 16                 | 3                  |

Urea

| Tree Age | Lbs./Tree Per Year | Lbs./Acre Per Month | Oz./Tree Per Month | Lbs./Tree 3 x Year |
|----------|--------------------|---------------------|--------------------|--------------------|
| 1        | 0.21               | 2.33                | 0.37               | NR                 |
| 2        | 0.54               | 6                   | 1                  | NR                 |
| 3        | 1.09               | 12.11               | 2                  | 0.36               |
| 4        | 1.63               | 18.11               | 3                  | 0.5                |
| 5        | 2.72               | 30.22               | 5                  | 0.9                |
| 6        | 3.8                | 42.22               | 6.75               | 1.25               |
| 7        | 4.34               | 48.22               | 7.75               | 1.5                |
| 8        | 4.9                | 54.5                | 8.75               | 1.65               |
| 9        | 5.44               | 60                  | 9.6                | 1.8                |
| 10       | 6                  | 67                  | 10.75              | 2                  |
| M        | 6.52               | 72                  | 11.5               | 2.25               |

## Conversion Table

|  |                      |
|--|----------------------|
| 3 tsp.-1 tbsp.                             | 3 tbsp.-1 fl. oz.    |
| 8 fl. oz.-1 cup                            | 2 cups-1 pt.         |
| 1 pt.-16 oz.                               | 2 pts.-1 qt.         |
| 4 qts.-1 gallon                            |                      |
| 1" water over 50' x 100' area-3117 gallons |                      |
| 43,560 sq. ft.-1 acre                      | 640 acres-1 sq. mile |

## Dilution Rates

|               |              | 1 gal water | 3 gals water |
|---------------|--------------|-------------|--------------|
| 1 to 8        |              | 16 oz.      | 1 1/3 qts.   |
| 1 to 16       |              | 8 oz.       | 1 1/3 pts.   |
| 1 to 25 (4%)  |              | 2/3 cup     | 1 pt.        |
| 1 to 40       |              | 6.5 tbsp.   | 1.25 cups    |
| 1 to 50 (2%)  |              | 5 tbsp.     | 8 oz.        |
| 1 to 75       |              | 3.75 tbsp.  | 3/4 cup      |
| 1 to 100 (1%) |              | 2.5 tbsp.   | 4 oz.        |
| 1 to 200      | 2 qts./100   | 1 1/3 tbsp. | 2 oz.        |
| 1 to 300      | 1.5 qts./100 | 3 tsp.      | 3 tbsp.      |
| 1 to 400      | 1 qt./100    | 2 tsp.      | 1 oz.        |
| 1 to 600      | 1.5 pts./100 | 1.5 tsp.    | 1.5 tbsp.    |
| 1 to 800      | 1 pt./100    | 1 tsp.      | 1 tbsp.      |

Above rates applicable for lemons, limes, Hass & Reed avocados.

Use 1/2 these rates for other avocado and citrus varieties.

NR-Not recommended

