

NATURE'S SOURCE®

Feeding with 10-4-3

Injector Ratio Chart

Milliliters of Nature's Source
To make 1 L of Stock Solution

| Injector Ratio | 100 ppm | 150 ppm | 200 ppm | 250 ppm | 300 ppm | 400 ppm | 500 ppm |
|----------------|---------|---------|---------|---------|---------|---------|---------|
| 1:15 | 12.5 | 18.8 | 25.0 | 31.3 | 37.5 | 50.0 | 62.5 |
| 1:100 | 83.3 | 125.0 | 166.7 | 208.3 | 250.0 | 333.3 | 416.7 |
| 1:128 | 106.7 | 160.0 | 213.3 | 266.7 | 320.0 | 426.7 | 533.3 |
| 1:200 | 166.7 | 250.0 | 333.3 | 416.7 | 500.0 | 666.7 | 833.3 |
| 1:300 | 250.0 | 375.0 | 500.0 | 625.0 | 750.0 | DIRECT | |
| 1:400 | 333.3 | 500.0 | 666.7 | 833.3 | DIRECT | | |
| 1:500 | 416.7 | 625.0 | 833.3 | DIRECT | | | |
| 1:600 | 500.0 | 750.0 | DIRECT | | | | |

Direct from Container

It is recommended to pull directly from the container. Most injectors will adjust to 1:500 which feeds at 250 ppm N. for stock tank solution. Refer to the Injector Ratio chart.

| | |
|----------------|--------------------------|
| 250 ppm | Injector at 1:500 |
| 300 ppm | Injector at 1:400 |
| 400 ppm | Injector at 1:300 |
| 500 ppm | Injector at 1:250 |
| 600 ppm | Injector at 1:200 |

Conductivity Chart

This chart is provided as a reference to verify the accuracy of fertilizer injectors.

| Nature's Source Formula 10-4-3 | PPM Nitrogen Concentration—Conductivity in Millimhos (mmhos) or Millisiemens (mS) | | | | | | |
|--------------------------------|---|------|------|------|------|------|------|
| | 50 | 100 | 150 | 250 | 300 | 400 | 500 |
| | 0.19 | 0.38 | 0.57 | 0.95 | 1.14 | 1.52 | 1.90 |

This chart is designed to be used as described below:

- Determine the conductivity of your clear irrigation water
- Determine the conductivity of your fertilizer solution after it has been proportioned (as it comes from the emitter and is applied to the plants).
- Subtract the value of the clear water from the value of the fertilizer solution.
- Compare the equated value with the values on the above chart to determine the parts per million of nitrogen being injected.

Laboratory conditions, Nature's Source Professional Plant Food and distilled water were used to develop this chart. The values obtained by a grower under field conditions could vary ($\pm 10\%$) from the above values.

To convert Millimhos (mmhos) to micromhos ($\mu\text{mho/cm}$), or millisiemens (mS) to microsiemens (μS), multiply by 1000.

Nature's Source Tank Direct

| Tank Size | Desired ppm | ml of Nature's Source | Sq. M. Coverage at 50 g per 100 Sq. M. |
|-------------------|-------------|-----------------------|--|
| 4 Liters | 200 ppm | 1.67 ml | 1.5 |
| | 300 ppm | 2.5 ml | 2.25 |
| | 600 ppm | 5.0 ml | 4.5 |
| | 800 ppm | 6.67 ml | 6 |
| 200 Liters | 200 ppm | 83 ml | 75 |
| | 300 ppm | 125 ml | 113 |
| | 600 ppm | 250 ml | 225 |
| | 800 ppm | 333 ml | 300 |
| 400 Liters | 200 ppm | 167 ml | 150 |
| | 300 ppm | 250 ml | 225 |
| | 600 ppm | 500 ml | 450 |
| | 800 ppm | 667 ml | 600 |

IMPORTANT: Nature's Source 10-4-3 is organic in nature. These EC's reflect a guideline for checking your feed rate since it is not an exact science like salt-based fertilizers. It also requires proper preparation and protocol. Flush your lines with a sanitizing solution or an industry recommended product manufactured for cleaning greenhouse irrigation lines.

To request additional information call: 888 839-8722 or visit www.NS-PF.com