

# TechBulletin: Frequently Asked Questions

**The Nature's Source Difference:** The Oilseed Extract base provides a lower EC and Enhanced Nutrient Use Efficiency (ENUE) as the plant takes up the Nature's Source nutrition. The low salt nutrition provided by Nature's Source plant foods reduces the salt stress and stores more efficiently in the vacuole of the plant cell walls, providing the plant extended nutrient availability on fresh water days. This also allows plants to continue to bloom even in the heat of the summer, extending your market window of offering plants in bloom.

## 1. How does Nature's Source® reduce Labor costs?

Nature's Source is recommended for use direct from the container. Just make the proper adjustment on the injector, based on the feed rate desired and using the Nature's Source [Direct from the Container Chart](#).

If your injector does not adjust, there is still no labor, just pour Nature's Source into your stock tank (amount based on desired feed rate using the [Nature's Source Injector Ratio Chart](#)) and add water to fill. No agitation or hot water needed.

One formulation for all your growing needs – Nature's Source provides NPK, Trace Elements including Ca in a natural form and balance, allowing the plants to take up what they need when they need it.

With the Ca, there is not a need for alternating with a Cal-Mag.

Now you just eliminated the need for ordering and inventorying multiple formulations.

## 2. How does a Grower's use of Nature's Source reduce fertilizer and water usage?

Nature's Source can be used at the same rate and application as your current feed program with the same great results you currently achieve.

With Nature's Source you are able to change watering practices and water to the needs of the plant, instead of to the need of leaching the salts from your growing media, since Nature's Source is not a salt based fertilizer. With Nature's Source you will not get a salt build-up in the media. This reduction is in both water and fertilizer. Nature's Source is stored more efficiently by the plant and binds more efficiently to the soil. When beneficial microbes are in your growing media the nutrients are taken in as a food source and growing the microbial population. This allows growers to apply an additional 1– 3 fresh water feeds per week, depending on the growing conditions. The plants will tend to be stronger and more toned as they work to pull the stored nutrition from the vacuole of the plant cells. Since Nature's Source is not a salt based fertilizer, plants continue to have the ability to store the Nature's Source nutrition in the cell walls, where the nutrient uptake and storage is gradually reduced with the use of heavy salt based feeds.

## 3. Does Nature's Source cost me twice as much because its analysis is only 10-4-3 / 10-4-5?

No, Nature's Source is a liquid and is double the weight of a water soluble fertilizer. When comparing a 25 lb. bag of water soluble 20-10-20 to 5 gallons of Nature's Source, you will get 5 pounds of N from both.

**Examples**  
Nature's Source 10-4-3 or 10-4-5:  
5 gal. / 50 lbs. (10 lbs./gal) = 50 lbs. x 10% N = **5 lbs. N**

Water soluble 20-10-20:  
25 lbs. x 20% = **5 lbs. N**

**Comparing to other formulations**  
Water soluble 17-4-17:  
25 lbs. x 17% = 4.25 lbs. N

Water soluble 15-5-15:  
25 lbs. x 15% = 3.75 lbs. N

In most cases, Nature's Source will be a cost savings when comparing to the total of all other formulations a grower is currently using.

## 4. How is Nature's Source Effective, Economical and Easy?

### Effective

- o Blended nutrition – the best of organic and synthetic
- o Nature's Source provides nutritional balance derived from seed extract
  - Nature's Source provides efficient use of nutrients by plants
- o Low salt crop safety

### Economical

- o Lower input costs (see above)
  - Reduction in labor, water, and fertilizer inputs = SAVINGS

### Easy

- o Direct inject or tank mix
- o Keeping it simple – one formulation for everything you grow
- o Liquid that mixes instantly, even in cold water, no agitation

### Referenced Products

Nature's Source® Professional Plant Food 10-4-3

Nature's Source® Nursery & Landscape Special Plant Food 10-4-5

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**NATURE'S**  
**SOURCE®**