

Sustainable.
Effective.
Easy.

Nursery & Landscape Special

10-4-5 GUARANTEED ANALYSIS

Total Nitrogen (N)	10%
2.10% Ammoniacal Nitrogen	
1.80% Nitrate Nitrogen	
5.15% Urea Nitrogen	
0.75% Other Water Soluble Nitrogen	
0.20% Water Insoluble Nitrogen	
Available Phosphate (P₂O₅)	4%
Soluble Potash (K₂O)	5%
Calcium (Ca)	0.01%
Magnesium (Mg)	0.05%
0.05% Water Soluble Magnesium (Mg)	
Sulfur (S)	0.2%
0.2% Combined Sulfur (S)	
Boron (B)	0.002%
Copper (Cu)	0.001%
0.001% Water Soluble Copper (Cu)	
Iron (Fe)	0.002%
0.002% Water Soluble Iron (Fe)	
Manganese (Mn)	0.014%
0.014% Water Soluble Manganese (Mn)	
Molybdenum (Mo)	0.0001%
0.0001% Water Soluble Molybdenum (Mo)	
Zinc (Zn)	0.005%
0.005% Water Soluble Zinc (Zn)	

Derived From: Fermented Oilseed Extract, Phosphoric Acid, Potassium Hydroxide, Ammonium Nitrate, Urea, Magnesium Sulfate, Boric Acid, Copper Sulfate, Iron Sulfate, Manganese Sulfate, Zinc Sulfate.

Pathogen Free - Heavy Metals Free - GMO Free

Available Sizes:	2.5 GAL. Twin Pack	4.7 GAL. Box	55 GAL. Drum	275 GAL. Tote	BULK DELIVERY Truck & Rail
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Sustainable Nutrition

Nature's Source is a **liquid** plant food that contains oilseed extract, a source of plant nutrition from seeds. It is normal to have color variation. Each batch is tested for formulation accuracy.

Nitrogen Comparison

When comparing the amount of nitrogen in Nature's Source 10-4-5 to a water-soluble fertilizer, one must make the comparison based on weight. Nature's Source 10-4-5 is 10% nitrogen, and weighs about 10 pounds per gallon. Therefore, five gallons of Nature's Source Nursery & Landscape Special will yield 5 lbs. of nitrogen, comparable to one 25-pound bag of water-soluble 20% nitrogen fertilizer.

Other Nutrients

Nature's Source is an all-purpose plant food providing essential N-P-K, calcium, magnesium, plus micro-nutrients and sustainable nutrition derived from oilseed extract. **Nature's Source BioNutrition™** feeds your plants and feeds the soil microbes for increased microbial population's enhanced survivability.

Conductivity

Nature's Source has a lower EC (electrical conductivity) relative to many fertilizers. This can be attributed to its root sources of nitrogen. Lower EC levels can reduce the likelihood of salt burn and build-up in the soil.

LOWER EC:

- Reduces chance of salt burn
- Reduces build-up of salt in planting beds



Application Methods

Injector or Fertigation

Nature's Source can be applied using an injector, either direct from concentrate with appropriate injector settings, or from a stock tank. Stirring Nature's Source before use will ensure concentrate uniformity when pulled through the injector.

NOTE: Any Nature's Source solution made should be used immediately, not stored.

Injector Application

Direct from the container with injector set on:

- 1:200 feeds at 600 ppm
- 1:300 feeds at 400 ppm
- 1:400 feeds at 300 ppm

Filling a stock tank for injectors set on 1:100 – fill the stock tank at 1:1 ratio Nature's Source/water to feed at 600 ppm.

It is not recommended to dilute in stock tank any more than 1:1.

Tank Mix Chart

Desired ppm of N	oz. of Nature's Source per gallon	oz. of Nature's Source per 50 gallons
100	0.11	5.5
300	0.32	16.0
500	0.54	27.0
600	0.64	32.0

Landscape & Turf Application Method

- Feed 13 oz. of Nature's Source per 1,000 square feet of bedding, ornamentals and turf.
- For longer intervals, feed 26 oz. of Nature's Source per 1,000 square feet every 14 to 28 days.

SPRAY TANK TIPS:

Nature's Source 10-4-5 is suitable to use with most liquid application equipment. Cold water is effective for mixing. The Tank Mix Chart shows the proper dilution of Nature's Source in water for different tank sizes to achieve the recommended application of nitrogen.

The chart reflects this example, showing that the landscaper will need to mix 64 oz. of Nature's Source with water in the tank to make 100 gallons of ready-to-use fertilizer.

Line Sanitation Practices

Line sanitation is important to prevent biofilm and emitter clogging. Recent research at University of Florida showed increased clogging when fertilizer was used in irrigation lines, regardless of fertilizer type. Good water line sanitation practices will reduce the risk of biofilm buildup and emitter clogging.

We recommend an algae biofilm and pathogen suppression/control program using sustainable products such as BioSafe Systems' ZeroTol® and SaniDate® 12.0.

Understanding the water source and the water quality will help identify possible factors that cause emitter clogging.

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Visit NS-PF.com for current Terms & Conditions of Sale.

For a complete company directory, visit <http://NS-PF.com/ContactUs/>

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