

Nature's Source Organic® Plant Food 3-1-1 Grower's Guide Metric

Sustainable. Effective. Easy.

Organic Plant Food

3-1-1

GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N).....3%

Available Phosphate (P₂O₅).....1%

Soluble Potash (K₂O)1%

List of Ingredients: Fermented Oilseed Extract



Organic Production Nutrition



Delivering Organic Nutrients

Oilseed extract provides Nitrogen (water soluble & insoluble), Phosphoric Acid and Potash, and essential micronutrients including calcium and magnesium, plus beneficial organic compounds found in nutrient-rich seeds. This sustainable alternative to synthetic plant food is GMO-Free.

Feeding with Nature's Source Organic® 3-1-1

Proper preparation and protocol is required due to its organic nature. Agitate/mix product prior to each use. Flush your lines with a sanitizing solution that is approved for this purpose in certified organic greenhouses. As with any organic solution, airborne organisms may colonize on the surface of the stock tank solution. Note below the preventative options we recommend:

- Mix only enough stock solution as can be used in a few days or Direct Inject

Injector Ratio Chart

Dilution rates for making injector stock tank solutions of Nature's Source Organic® Plant Food 3-1-1

Chart indicates fluid ounces of Nature's Source Organic® Plant Food 3-1-1 to make 1 Liter of stock solution

Injector Ratio	100 ppm N	150 ppm N	250 ppm N	400 ppm N
1:15	4.7	62.5	104.2	166.7
1:100	277.8	416.7	694.4	
1:128	355.6	533.3	888.9	
1:200	555.6	833.3		
1:300	833.3			

Direct Inject Chart

3-1-1 ppm N	Setting	3-1-1 ppm N	Setting
560	1:64	250	1:150
500	1:75	180	1:200
360	1:100	125	1:300
280	1:128	90	1:400

Pathogen Free - Heavy Metals Free

Available Sizes:	4.7 US Gal. Box	55 US Gal. Drum	275 US Gal. Tote	BULK DELIVERY Truck & Rail
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Tank Mix Chart

Nature's Source can be used without an injector by tank mixing. The Tank Mix Chart (below) shows the amount of Nature's Source needed for desired ppm rates and tank sizes.

Desired ppm of N	ml of 3-1-1 per Liter	L of 3-1-1 per 200 Liters
100	2.78	0.56
150	4.17	0.83
200	5.56	1.11
300	8.33	1.67
500	13.89	2.78

50/50 Concentration Injector Chart

ppm N	Setting	ppm N	Setting
280	1:64	125	1:150
250	1:75	90	1:200
180	1:100	62.5	1:300
140	1:128	45	1:400

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