

GRAVITY® S 30-9-9

Tree and Landscape Fertilizer Guaranteed Analysis

Total Nitrogen (N).....	30.0%
15.6% Urea nitrogen	
0.6% Nitrate Nitrogen	
10.9% Water Insoluble Nitrogen*	
2.9% Other Water soluble Nitrogen*	
Available Phosphate (P ₂ O ₅).....	9.0%
Soluble Potash (K ₂ O)	9.0%
Magnesium (Mg)	9.1%
9.1% Water Soluble Magnesium	
Copper (Cu)	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese	
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

*13.8% Slowly available Nitrogen from urea formaldehyde

Derived from: Copper EDTA, Iron EDTA, Magnesium sulfate Anhydrous, Manganese EDTA, Monopotassium phosphate, Potassium nitrate, Urea, Urea formaldehyde, Zinc EDTA

SOIL AMENDING GUARANTEED ANALYSIS

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

ACTIVE INGREDIENTS:

- 1.8% Humic Acids (from Potassium humate)
 - 2.5% Kelp Extract (*Ascophyllum nodosum* and Potassium Hydroxide*)
 - 95.7% Total Other/Inert Ingredients (including nutrients)
- *Potassium Hydroxide as an extract agent.

Purpose: May aid in the uptake and performance of nutrients.

KEEP OUT OF REACH OF CHILDREN



WARNING

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.
May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye protection and face protection.

Distributed and Guaranteed by:
Winfield Solutions, LLC
P.O. Box 64589
St. Paul, MN 55164-0589
F1683

NET WEIGHT: 25 lbs (11.3 kg)

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WINFIELD
UNITED

FIRST AID

IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

IF SWALLOWED: Call a poison control center or doctor for treatment advice if you feel unwell. Rinse mouth.

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor for treatment advice if you feel unwell.

IF EXPOSED OR CONCERNED: Get medical advice/attention.

In case of medical emergency, call toll-free 1-877-424-7452.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a locked area away from children, feed and food products. Ensure that the area is clean and dry. Reseal opened bags by folding down and securing the bag. To minimize application problems, do not store unused product in sprayers for long periods of time.

Disposal: Dispose of contents/container in accordance with Federal, state and local regulations.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300

GENERAL INFORMATION

Gravity S 30-9-9 is a water dispersible fertilizer specifically formulated to meet the needs of arborists, trees and landscape plants. The Ureaform nitrogen in **Gravity S 30-9-9** is a safe form of long release nitrogen for long term feeding of plants.

Information regarding the contents and levels of metals in this product is available on the internet at:

<http://www.aapfco.org/metals.html>

DIRECTIONS FOR USE

READ ENTIRE LABEL BEFORE USING

NOT FOR USE ON FOOD CROPS

Gravity S 30-9-9 can be tank mixed. If you are unfamiliar with the product, a jar test should be used to confirm compatibility and a small area should be treated with the product prior to large scale application.

Gravity S 30-9-9 should not be mixed with strong acids as product degradation will occur and the fertilizer will precipitate. Apply only as directed during the growing season.

Ornamentals (including but not limited to greenhouses, nursery, landscapes, transplanted crops): Mix rate should be 10 to 20 lbs per 100 gallons of water. Application should be made to the soil or pot surface. Applications are not as effective when foliarly applied.

For soil drench at base of tree or landscape plant, mix at 10-20 lbs per 100 gallons of water. Apply 5 gallons of mixed solution per inch of trunk diameter.

For soil injection of trees, inject the top 4-10 inches of soil with a pressure of 150 – 200 PSI. Product should be injected from the base of the tree out to just beyond the dripline of the tree. Product should be injected on a 2.5 ft (roughly 1 pace) grid. Each injection point should receive approximately ½ gallon of mixed solution. 50-75 gallons of mixed solution should be used per 1000 square feet.

For soil injection in landscape beds, inject the top 4-6 inches of soil with a pressure of 150 – 200 PSI. Product should be injected on a 2 ft grid. Each injection point should receive approximately 1/8 gallon of mixed solution. 50-75 gallons of mixed solution should be used per 1000 square feet.

Other Crops (including but not limited to herbs, vegetables, fruit, nuts, hops): Mix rate should be 10 to 20 lbs per 100 gallons, with an ideal rate of 15 lbs per 100 gallons of water. Application should be made to the soil or pot surface. Applications are not as effective when foliarly applied.

Gravity S 30-9-9 lbs/1000 sq. ft.	Total N Rate lbs/1000 sq. ft.	Total Nitrate N Rate lbs/1000 sq. Ft.	Urea N Rate lbs/1000 sq ft.	Urea formaldehyde N Rate lbs/1000 sq. ft.	P ₂ O ₅ Rate lbs/1000 sq. ft.	K ₂ O Rate lbs/1000 sq. ft.
0.25	0.075	0.002	0.039	0.035	0.130	0.025
0.5	0.150	0.003	0.078	0.069	0.260	0.050
1	0.300	0.006	0.156	0.138	0.520	0.100
2	0.600	0.012	0.312	0.276	1.040	0.200
3	0.900	0.018	0.468	0.414	1.560	0.300
4	1.200	0.024	0.624	0.552	2.080	0.400

Ounces of Product needed to mix one gallon of concentrate

Injector Ratio	100 (N/PPM)	150 (N/PPM)	200 (N/PPM)	300 (N/PPM)	500 (N/PPM)
1:100	4.4	6.7	8.9	13.3	22.2
1:200	8.9	13.3	17.8	26.7	44.4
1:300	13.3	20.0	26.7	40.0	66.7

A number of variables influence the rate of application necessary to prevent or correct a specific deficiency. For best results, follow good agronomic practices and conduct soil and tissue tests. Additional fertility may need to be supplied from other sources. For specific recommendations for your plants, consult your state's recommendations or your local plant expert.

MIXING INSTRUCTIONS

Agitation will aid in getting the product to go into solution. If carrier water is cold, user may need to pre-mix the soluble fertilizer with warmer water in a separate container prior to adding it into the sprayer.

WARRANTY DISCLAIMER

Winfield Solutions, LLC warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

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