

# GRAVITY® L 38 SPECIAL

FOLIAR OR SOIL NUTRIENT

5-0-15

## Guaranteed Analysis

Total Nitrogen (N)* .....	5.0%
5.0% Ammoniacal Nitrogen	
Soluble Potash (K <sub>2</sub> O) .....	15.0%

**Derived from:** Potassium phosphite, Ammonium phosphite and Potassium hydroxide

**KEEP OUT OF REACH OF CHILDREN**



## WARNING

Causes eye irritation. May cause an allergic skin reaction.

## PRECAUTIONARY STATEMENTS

Wash hands thoroughly after handling. Do not breathe mist. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Dispose of contents/container in accordance with Federal, state and local regulations. Do not reuse container. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the web page at [www.acrecycle.org](http://www.acrecycle.org). Triple rinse (or equivalent) and offer for recycling or reconditioning if possible.

## 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 ON SKIN:** Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.

## GENERAL INFORMATION:

**Gravity® L 38 Special** is a concentrated nutrient solution containing, in highly soluble form, certain elements beneficial to plant growth, rooting, root development, flowering, transplant establishment and, with sufficient nitrogen, may improve color development when applied as a properly timed foliar or soil application. Application to turf may improve resistance to traffic if potassium is not adequately supplied by the soil medium. Follow manufacture's recommended directions for use. Applications of this product should be part of a fertility program based upon soil and tissue testing data and is intended for use as a supplemental fertilizer treatment.

Information regarding the contents and levels of metals in this product is available on the internet at:  
<http://www.aapfco.org/metals.htm>

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

WEIGHT/GALLON: 12.2 lbs/gal (5.53 kg)  
NET CONTENTS: 2.5 Gallons (9.46 L)  
NET WEIGHT: 30.5 lbs (13.84 kg)  
1/1213/3

**WINFIELD™**

**DIRECTIONS FOR USE:  
READ ENTIRE LABEL BEFORE USE**

**Foliar Application** – This product may be applied by air or with all types of ground spraying equipment. Apply 1 to 4 pints per acre based upon crop and growing conditions detailed below.

**Greenhouse or Protected Area Conditions:** **DO NOT** exceed a maximum product concentration of 0.1% volume/volume or apply more than 2 pints per acre per application. Allow at least 1 week between applications. Note: A 0.1% volume/volume solution is approximately 0.25 fl. oz. of this product per 2 gallons of water. (See APPLICATION PRECAUTIONS section.)

**Outdoor or Field Growing Conditions:** **DO NOT** exceed a maximum product concentration of 0.26% volume/volume or apply more than 4 pints per acre per application. Allow at least 1 week between applications. Note: A 0.26% volume/volume solution is approximately 0.65 fl. oz. of this product per 2 gallons of water. (See APPLICATION PRECAUTIONS section.)

**Soil Application** – This product may be applied to the soil by all types of soil spraying/injection equipment and through certain types of irrigation systems. Refer to the IRRIGATION SYSTEM APPLICATION section. Apply 1 to 4 pints per acre. (See APPLICATION PRECAUTIONS section.)

**Infrequent Applications:** **DO NOT** exceed a maximum product concentration of 0.33% volume/volume. Note: A 0.33% volume/volume solution is approximately 0.85 fl. oz. of this product per 2 gallons of water. (See APPLICATION PRECAUTIONS section.)

**Continuous Feed (Fertigation) Applications:** **DO NOT** exceed a maximum product concentration of 0.03% volume/volume. Note: A 0.03% volume/volume solution is approximately 0.08 fl. oz. of this product per 2 gallons of water. (See APPLICATION PRECAUTIONS section.)

Volume/Volume	Rate
0.03% v/v	3.84 fl oz per 100 gal
0.1% v/v	12.8 fl oz per 100 gal
0.2% v/v	25.6 fl oz per 100 gal
0.26% v/v	33.28 fl oz per 100 gal
0.33% v/v	42.25 fl oz per 100 gal

**Compatibility** – This product is compatible with most commonly used pesticides, chemically neutral fertilizers and micronutrients. **It is not recommended to use this product with surfactants or adjuvants that lower pH**, however, products containing buffering agents should not cause problems. AVOID MIXING with oxidizing chemicals including, but not limited to, chlorine, hydrogen peroxide, ozone and other sterilants. USER ASSUMES FULL RESPONSIBILITY to ensure tank and plant compatibility when tank mixing with other products. (See APPLICATION PRECAUTIONS section.)

**APPLICATION PRECAUTIONS**

Due to the continuous development of new varieties of each of the many different ornamental plants, it is recommended that prior to the first use on a particular ornamental variety, the grower evaluate plant response(s) by treating a small sample of plants (6 to 10) with the product at the recommended dose(s). Allow sufficient time after application of the product to determine if there is going to be any undesirable plant response(s), including but not limited to stunting and/or leaf burn. **DO NOT tank mix this product with fungicidal copper products or apply the spray solution to plants that have been or will be treated with a fungicidal copper spray within 10 days of the planned product application.**

AS WITH ALL MATERIALS, USER SHOULD EXERCISE PRECAUTION TO AVOID POTENTIAL PHYTOTOXICITY INCLUDING FOLIAR BURNING. PRECAUTION IS ADVISED IF APPLYING THIS PRODUCT IN COMBINATION WITH OTHER MATERIALS SINCE MIXING COULD RESULT IN A POTENTIALLY HAZARDOUS OR UNDESIRABLE REACTION CAUSED BY PRODUCT INCOMPATIBILITIES. A COMPATIBILITY TEST IS RECOMMENDED BEFORE TANK MIXING WITH OTHER PRODUCTS. THE pH OF ANY FINAL SPRAY SOLUTION SHOULD BE CHECKED AND AN APPROPRIATE AMOUNT OF THE SOLUTION BE APPLIED TO A SMALL AREA OF THE INTENDED CROP TO ENSURE PLANT COMPATIBILITY PRIOR TO THE PLANNED APPLICATION. USER ASSUMES FULL RESPONSIBILITY TO ENSURE PRODUCT, EQUIPMENT AND PLANT COMPATIBILITIES.

**TURF, GOLF COURSE GREENS AND FAIRWAYS**

**Cool and Warm Season Grasses:** Apply 1 to 3.5 fl. oz. in a minimum spray volume of 2 gallons of water per 1,000 square feet (88 gallons/acre) at 14 day intervals during active growth periods.

DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN.

### CONIFER AND DECIDUOUS WOODY ORNAMENTALS

**Propagation:** Momentarily submerge cuttings in a 0.2% volume/volume solution prior to planting.

**Transplanting and Establishment:** Momentarily submerge entire seedling tray in a 0.1% volume/volume solution or apply as a foliar spray using a 0.1% volume/volume solution prior to transplanting.

**New Outdoor Plantings and Resets:** Once the plants are set, depending on size, apply up to 2 gallons of a 0.33% volume/volume solution to the root zone of each plant (e.g. 2 pints for small shrubs; 2 gallons for large shrubs). Make additional foliar applications of a 0.1% to 0.2% volume/volume solution on a ten to fourteen day spray interval.

**Maintenance, Growth and Development:** Apply as a foliar spray using a 0.1% to 0.2% volume/volume solution with subsequent applications at ten to fourteen day intervals.

**Note:** Applications should be discontinued during dormancy. The first seasonal application should be applied at bud emergence. The last application should be applied just prior to the onset of senescence. When using a 0.2% solution of this product, use a maximum of 4 gallons of spray solution per 1,000 square feet.

### TREES AND TREE FARMS

(e.g. Christmas Trees; Park Plantings)

**New Plantings and Resets:** Once the trees are set in the ground, apply up to 2 gallons of a 0.33% volume/volume solution to the root zone of each tree. Make additional foliar applications of 1 to 1.5 pints per acre at two week spray intervals during the growing season. Make a minimum of two foliar applications per season.

**Maintenance:** Make foliar applications of 1 to 1.5 pints per acre at two week spray intervals during the growing season. Make a minimum of two foliar applications per season.

**Note:** Apply when plants are actively growing.

### ALL FLOWERING, BEDDING AND NON-WOODY ORNAMENTALS

**Propagation:** Apply the first foliar spray application at the second true leaf stage using a 0.2% volume/volume solution. Apply subsequent applications at ten to fourteen day intervals.

**Transplanting and Establishment:** Momentarily submerge the entire seedling tray in a 0.1% volume/volume solution or apply as a foliar spray using a 0.1% volume/volume solution prior to transplanting.

**Maintenance, Growth and Development:** Apply as a foliar spray using a 0.1% to 0.2% volume/volume solution with subsequent applications at ten to fourteen day intervals.

**Transporting:** Five to seven days prior to shipment, apply a foliar spray using a 0.1% to 0.2% volume/volume solution. When using a 0.2% solution of this product, use a maximum of 4 gallons of spray solution per 1,000 square feet.

### CUT FLOWERS

**Propagation:** Momentarily submerge cuttings in a 0.2% volume/volume solution prior to planting.

**Transplanting and Establishment:** Momentarily submerge the entire seedling tray in a 0.1% volume/volume solution or apply as a foliar spray using a 0.1% volume/volume solution prior to transplanting.

**Maintenance, Growth and Development:** Apply as a foliar spray using a 0.1% to 0.2% volume/volume solution with subsequent applications at ten to fourteen day intervals. When using a 0.2% solution of this product, use a maximum of 4 gallons of spray solution per 1,000 square feet.

**Cut Flower Shipment:** Cut flowers may be treated with a 0.1% volume/volume solution two to three days prior to harvest or dipped in a 0.1% volume/volume solution after harvest and prior to shipping.

### IRRIGATION SYSTEM APPLICATION

Applications to the soil can be made through certain irrigation systems including, but not limited to, low volume systems (e.g. micro sprinklers, drippers, drip tape, and fanjets) and typical sprinkler systems (e.g. solid set, pull and hand move). The specific injection equipment and irrigation system must conform to all federal, state and local regulations pertaining to the fertilization of plants through an irrigation system. Accurate and properly calibrated injection equipment and an irrigation system that is operated at maximum distribution uniformity will help avoid plant injury and/or product ineffectiveness. For best results, apply this product toward the end of the irrigation set and allow sufficient time for the product to be flushed completely out of the entire irrigation system prior to turning off the irrigation water.

### 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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