



CARBOTONIC™ 1-0-4

PRODUCT DESCRIPTION:

Carbotonic™ 1-0-4 provides a plant derived source of nitrogen and potassium to promote growth.

READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

DIRECTIONS:

It is recommended to perform the treatment in the cooler hours of the day to exploit the moments of maximum absorption of the plant. Shake well before each use. This product is miscible with the most commonly used plant protection active ingredients and fertilizers. Before using, it is recommended to make preliminary tests of compatibility and incorporate it last, while maintaining agitation in the mixture. Apply using a spray method in an adequate amount of water that will provide complete coverage of the plants. Do not apply undiluted.

STORAGE AND DISPOSAL:

Store in a dry place at temperatures between 39 °F and 110 °F. Store in a safe manner. Store in original container only and keep tightly sealed when not in use. Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Dispose of unused product and empty containers in accordance with federal, state and local regulations. Due to the plant-based material separation and color variations are normal.

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.

GUARANTEED ANALYSIS

TOTAL NITROGEN (N)	1%
1% Water Soluble Nitrogen	
SOLUBLE POTASH (K ₂ O)	4.0%
Derived From: Soy Protein Hydrolysate, Sugar Beet Molasses	
SPECIFICATIONS:	
Density	10 lbs per gal @ 68° F

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

FIRST AID MEASURES:

- Respiration: Remove to fresh air and seek medical attention. Inhalation of any liquid or mist may result in breathing difficulty.
- Ingestion: Swallowing large amounts may result in vomiting, diarrhea, cramps, and other gastrointestinal disturbances. Dilute stomach contents with water. Seek medical attention.
- Skin Contact: The material may be especially irritating to cuts, abrasions, and open wounds. If exposure occurs, rinse the affected area thoroughly with water. Treat other irritated areas by washing with soap and water.
- Eye Contact: Minor irritation is likely if exposure occurs. Rinse eyes thoroughly with water for 15 minutes. Remove contacts if necessary. Seek medical attention if irritation persists.

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY:

the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS.

PRECAUTIONARY STATEMENTS:

Based on currently available data, this product is not classified as a hazardous substance. However, wash hands after handling.

KEEP OUT OF REACH OF CHILDREN

Guaranteed and Distributed By:

Banner Biologicals | 47912 Halyard Dr., Ste. 103 | Plymouth, MI 48170

Net Contents: 2.5 gal (9.4 L)
Net Weight: 25 lbs (11.33 kg)

Net Contents: 30 gal (113.56 L)
Net Weight: 300 lbs (136 kg)

Net Contents: 265 Gal (1,003.1 L)
Net Weight: 2,650 lbs (1,202 kg)



CARBOTONIC™ 1-0-4

Turf Applications Per 1,000 Sq. Ft. (100 m ²)				
Turf Variety	Normal Maintenance	Sandy Soils	Clay Soils	Newly Seeded
Cool Season	1-3 oz	3-5 oz	3-5 oz	2-4 oz
Warm Season & Transitional	2-4 oz	4-6 oz	4-6 oz	3-5 oz

Transplants		
B&B Plantings	2 oz per gallon of water (15 ml per 1 L water)	Repeat in 30 days
Bare Root Plantings	32-128 oz in 100 gallons of water (1-2 L per 100 L water)	Drench 2-5 gal (250-500 ml per 17-19 L water of mix around planting)

Turf Applications		
Application	Rate	Frequency / Notes
Greens & Tees	1-3 oz per 1,000 FT ² (88 ml per 100 m ²)	Apply every 14 days throughout growing season.
Fairways	2-4 oz per 1,000 FT (118 ml per 100 m ²)	Apply monthly throughout growing season.
Sports Turf	2-4 oz per 1,000 FT ² (118 ml per 100 m ²)	Apply monthly throughout growing season.
New Seeding & Overseeding	3 oz per 1,000 FT ² (88 ml per 100 m ²)	Apply at time of seeding and then every 14 days for 4 applications.
Sod Installation	2-4 oz per 1,000 FT ² (118 ml per 100 m ²)	Apply at time of sod installation and then every 6 weeks throughout growing season.
Lawn Care	2-4 oz per 1,000 FT ² (118 ml per 100 m ²)	Apply monthly throughout growing season.

Trees, Shrubs & Ornamentals	
Foliar Spray	24 oz in 100 gallons of water. Thoroughly spray to point of run-off. (709 ml in 400 L water)
Root Injection	Maintenance: 32-128 oz of Carbotonic™ per 100 gal water. Inject over 3,000 FT ² (250 ml per 100 L water over 300 m ²)
	Corrective: 64-128 oz of Carbotonic™ per 100 gal water. Inject over 3,000 FT ² area (500 ml per 100 L water over 75 m ²)
Soil Drench	3-5 ounces per gal of water. Thoroughly drench soil around area. (88-147 ml per 4 L water)

Hydroseeding	
Rate	Rate
32-64 oz per 5,000-8,000 ft ² per 500-800 gallons of slurry.	Add to tank before seed and mulch. Reapply with sprayer monthly at 3 oz per 1,000 ft ²