



10-4-6

Sulfur & Micronutrients



Guaranteed Analysis

Total Nitrogen (N)	10.00%
4.5% Ammoniacal Nitrogen	
4.5% Nitrate Nitrogen	
1.0% Urea Nitrogen	
Available Phosphate (P ₂ O ₃)	4.00%
Soluble Potash (K ₂ O).....	6.00%
Sulfur (S)2500%
Boron (B).....	.0170%
Copper (Cu).....	.0090%
.0090% Chelated Copper (Cu)	
Iron (Fe).....	.1250%
.1250% Chelated Iron (Fe)	
Manganese (Mn).....	.0100%
.0100% Chelated Manganese (Mn)	
Zinc (Zn).....	.0065%
.0065% Chelated Zinc (Zn)	

Derived from

Ammonium Nitrate, Urea, Tech Grade Phosphoric Acid, Potassium Chloride, Potassium Hydroxide, Ammonium Thiosulfate, Solubor, Copper EDTA Chelate, Iron EDTA Chelate, Manganese EDTA Chelate, Zinc EDTA Chelate

Blu-Gro® 10-4-6 is a 5:2:3 ratio liquid fertilizer with micronutrients that contains a high percent of ammonium and nitrate quick release nitrogen. Unlike slow release and urea nitrogen, ammonium and nitrate forms of nitrogen are immediately available to the plant which makes them especially ideal for use during cold temperatures. **Blu-Gro® 10-4-6** is an excellent fertilizer to apply early in the spring, fall and any time quick release nitrogen is needed throughout the growing season. The micronutrients are in the EDTA chelated form which enhances their availability while in the soil and allows tank mix compatibility with many other products.

- Weight per gallon: 10.3 lbs. (4.7 kg)
- Each gallon contains:
 - 1.03 lb Nitrogen
 - .41 lb Phosphate
 - .62 lb Potassium
- pH: 6.5 - 6.9



Directions for Use:

For best results, apply as a foliar spray early in the morning or late evening. Allow to dry on the plant 6 hours before irrigation.

Greens, Tees, Fairways, Roughs, Sports Turf and Lawns: Apply 5.0 - 12.8 oz. of **Blu-Gro® 10-4-6** with 1.5 - 2 gallons of water per 1,000 sq. ft. (1.7 - 4.4 gallons of **Blu-Gro® 10-4-6** with 66 - 88 gallons of water per Acre) every 7 days, or as needed, throughout the growing season. This application shall provide 0.04 - 0.10 lb. actual Nitrogen per 1,000 sq. ft.

Application Rates for Blu-Gro® 10-4-6

Fluid Oz/ 1,000 sq. ft.	Gallons/ One Acre	ML/ 100 M ²	L/HA Litre/ Hectare	Nitrogen/ 1,000 sq. ft.	Phosphate/ 1,000 sq. ft.	Potassium/ 1,000 sq. ft.	Sulfur/ 1,000 sq. ft.	Boron/ 1,000 sq. ft.	Copper/ 1,000 sq. ft.	Iron/ 1,000 sq. ft.	Manganese/ 1,000 sq. ft.	Zinc/ 1,000 sq. ft.
5.0	1.7	159	16	0.04	0.02	0.02	0.0010	0.0001	0.0001	0.0005	0.0001	0.0001
6.4	2.0	191	20	0.05	0.02	0.03	0.0012	0.0001	0.0001	0.0006	0.0001	0.0001
7.0	2.4	223	22	0.06	0.02	0.03	0.0014	0.0001	0.0001	0.0007	0.0001	0.0001
8.0	2.7	255	25	0.06	0.03	0.04	0.0016	0.0001	0.0001	0.0008	0.0001	0.0001
12.8	4.4	407	40	0.10	0.04	0.06	0.0026	0.0002	0.0001	0.0013	0.0001	0.0001

Tank Mixing: Add 1.5 quarts of **Blu-Gro® 10-4-6** liquid fertilizer to 100 gallons of water (473 ppm nitrogen) and apply as a normal watering or at a rate of 1 quart of solution for every sq. ft. of planted surface area every 7 to 14 days.

HOZON 1:15 Ratio Proportioner: Add 3 oz. of **Blu-Gro® 10-4-6** for each gallon of water as the concentrate for a normal dosage of 200 ppm nitrogen constant feeding with every watering.

1:100 Ratio Proportioner: Add 22 oz. of **Blu-Gro® 10-4-6** for each gallon of water as the concentrate for a normal dosage of 200 ppm nitrogen constant feeding with every watering.

Injection Feeding Using Electro Conductivity (E.C.): The E.C. of **Blu-Gro® 10-4-6** is 420 mmho/cm at the sprinkler head:

■ .42 = 100 ppm Nitrogen ■ .84 = 200 ppm Nitrogen ■ 1.26 = 300 ppm Nitrogen

Determine the E.C. of your irrigation water and increase the rates accordingly. Example: If the E.C. of your water is .10, the E.C. at sprinkler head should be .52 to provide 100 ppm of nitrogen. Fertigate at the desired ppm of nitrogen until the desired amount of water is applied. Irrigate after fertigation to rinse off the foliage. If you are currently using a 20% nitrogen soluble fertilizer, such as 20-20-20, the chart below shows how to supply the equivalent nitrogen content using **Blu-Gro® 10-4-6**.

20-20-20 Soluble	=	Blu-Gro® 10-4-6
2.0 lbs.	=	1.5 quarts
2.5 lbs.	=	2.0 quarts
5.0 lbs.	=	1.0 gallons

Pots, Flats, Container Material, and Foliage Plants: For this type of plant material, use 473 ppm Nitrogen on a 7 to 14 day schedule or as plants indicate a need. Apply as a normal watering. If applied as a constant feed with every watering, use 100-200 ppm Nitrogen.

Tuberous Begonias and Similar Tender Plant Materials: If you have any doubt as to the sensitivity of the plant material, we recommend half the normal dosage on a 14-day feeding schedule. If the plants indicate the need for a higher fertility rate, the schedule should be shortened.

Transplanting vegetable and flower plants: Use 1½ pints of **Blu-Gro® 10-4-6** liquid fertilizer per 50 gal. of water and water in thoroughly. This rate is also effective on roses and ornamental shrubs.

Hand Watering: Mix ¾ to 1 teaspoon of **Blu-Gro® 10-4-6** per gallon of water and apply as a normal watering.

Available Container Sizes:

2 x 2.5 gal	(2 x 9.46 L)	Case
30 gal	(113.56 L)	Drum
55 gal	(208.20 L)	Drum
275 gal	(1040.99 L)	Tote

Store above 40° F. Do not allow to freeze.

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