Triple Ten 10-10-10

with Slow Release Methylene Urea Nitrogen plus Micros

- ***Crystal-Clear Solution***
- ***Slow Release Nitrogen***
- ***Foliar Feeding***
- ***No Chlorides***
- ***Low Salt Index***
- ***Less Leaching & Volitalization***
- ***100% Chelated Micronutrient Package***

Guaranteed Analysis:

Total Nitrogen (N) 10%
5.5% Urea Nitrogen
0.5% Ammoniacal Nitrogen
4.0% Slowly Available Water Soluble Nitrogen*
Available Phosphate (P_2O_5) 10%
Soluble Potash (K_2O) 10%
Boron (B) 0.02%
Copper (Cu) 0.05%
0.05% Chelated Copper (Cu)
Iron (Fe) 0.1%
0.1% Chelated Iron (Fe)
Manganese (Mn) 0.05%
0.05% Chelated Manganese (Mn)
Molybdenum (Mo) 0.0005%
Zinc (Zn) 0.05%
0.05% Chelated Zinc (Zn)

Derived From: Urea, Methylene Urea, Potassium Carbonate, Monoammonium Phosphate, Phosphoric Acid, Copper EDTA Chelate, Iron EDTA Chelate, Manganese EDTA Chelate, Zinc EDTA Chelate, Sodium Molybdenum, Boric Acid. Chelating Agent: EDTA

*4% slowly available Nitrogen from Methylene Urea.

Potential acidity equivalent to 317 lbs. Calcium Carbonate per ton.

Weight per gallon: . . . . . .10.5 lbs.

Triple Ten EC Readings

Nitrogen PPM	EC (mmhos/cm)		Nitrogen PPM	EC (mmhos/cm)
25	0.08		200	0.66
50	0.16		300	0.99
75	0.25		400	1.32
100	0.33		500	1.65

Product Description:

Triple Ten is a concentrated crystal-clear solution containing an equal ratio of N, P, and K, as well as slow release nitrogen. This equal ratio is a staple for greenhouse and nursery crops. The solution contains 4% slow release nitrogen from our exclusive methylene urea. Methylene urea is known to be a very consistent and reliable nitrogen source that remains present and available to your plants for a longer period of time. Methylene urea is not easily broken down, and its nitrogen will only be released by a combination of factors (heat, humidity, and microbial activity). Triple Ten's slow release nitrogen produces a more consistent nitrogen feeding curve. Timings between fertilizations can be extended. The slow release nitrogen is 'tackified' and is less likely to leach or volitalize. The phosphorus and potassium are completely soluble and therefore immediately available for plant uptake. The methylene urea portion will not break down into ammonia as it becomes available for the plant. Triple Ten contains a complete micronutrient package which is ideal for soilless media.

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Fluid Ounces Of Triple Ten Per Gallon Of Water								
PPM Nitrogen:	**25**	**50**	**75**	**100**	**150**	**200**	**300**	**400**
1:500	12.87	25.74	38.61	51.48	77.22	102.96	154.44	205.92
1:300	7.72	15.44	23.17	30.89	46.33	61.78	92.66	123.55
1:200	5.15	10.30	15.44	20.59	30.89	41.18	61.78	82.37
1:100	2.57	5.15	7.72	10.30	15.44	20.59	30.89	41.18
1:50	1.29	2.57	3.86	5.15	7.72	10.30	15.44	20.59
1:15 Ratio for Hozon Proportioner								
1:15	0.39	0.77	1.16	1.54	2.32	3.09	4.63	N/A

Application Recommendations:

Triple Ten needs no mixing and will not settle out of solution. Like all Growth Products, it is ideal for any type of fertigation system, drip irrigation or spray equipment. Use Triple Ten on all types of bedding plants, perennials, cut flowers, plugs, ornamentals, nursery crops, trees, foliage and container plants.

Direct Siphon: Triple Ten can be siphoned directly from the original container. This can be done with a variable proportioner that can be set to high ratios. This eliminates the need to mix stock concentrates or stir mixing barrels. For 100 PPM nitrogen, set injector to 1:1200; for 200 PPM, set injector to 1:600.

Parts Per Million: Use the *Parts Per Million* chart to choose desired nitrogen ratio.

Drench: Use the *Drench Rates* chart in order to calculate application by specific number of pots. Ideal for field grown and containerized nursery stock as an alternative to top dressing with granulars.

Drench Rates for Containers 100 Gallon Tank	**Low** (Sensitive Plants)	**High** (Nursery Stock & Foliage)
Desired Nitrogen Per Cubic Yard	.375 lb. N	.56 lb. N
Gallons 10-10-10 Per 100 Gal Tank	1.63	2.44

Drench Rate Per Container		
Pot Size	Tank Mix Applied Per Pot	Number Of Pots Per 100 Gallon Tank Mix
4"	2 fl. oz.	6400
5"	3.5 fl. oz.	3657
6"	6.2 fl. oz.	2065
1 Gal.	9.3 fl. oz.	1376
2 Gal.	20 fl. oz.	640
3 Gal.	35 fl. oz.	366

Foliar Feeding: When using overhead irrigation, Triple Ten gives you dual efficiency since the nutrients will be absorbed by both the leaves and roots. For tender plants and greenhouse foliar spray applications use one-half the rate (PPM) you would normally use for drip irrigation feeding.

Hand Watering: Mix 3/4 to 1 teaspoon of Triple Ten per gallon of water. Saturate soil with mix.

How to Extend Feedings: Depending on crop species, temperature and soil composition, you can extend the timings between fertilization due to the slow release nitrogen. In order to insure that plants are receiving adequate nutrient levels, an electrical conductivity (EC) reading should be taken immediately after fertilizer is applied and then at 7-day intervals. By tracking the EC reading you can establish a nutrient release curve for your specific growing conditions and crops.

Tissue Cultured Plantlets: Tissue cultured plantlets require special attention. They must acclimate from completely sterile "lab conditions" into the greenhouse environment. Special care must be taken with stage II microcuttings regarding temperature, pH and nutrients. It is important to note, since Stage II plantlets do not have a cuticle, they are more susceptible to fertilizer salt damage and desiccation. Once a tray is completely planted, apply a very low rate (100 ppm) of Triple Ten. It is extremely critical to use low salt index fertilizers (like Triple Ten) at low rates.

Storage & Handling:

Storage: All Growth Products horticultural fertilizers can be stored in normal warehouse areas. Triple Ten has a neutral pH and is not corrosive. Always store in original container and keep sealed.

Mixing: Triple Ten is compatible with other technical chemicals including fungicides and insecticides and can be mixed and sprayed in one application.

Manufactured By:

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