5-50-18 ULTRAVIOLET

PRODUCT NUMBER 79010

FeED

FORMULA

5-50-18

ULTRAVIOLET

BUD SET & ENHANCED FLOWER PRODUCTION

F1313

guaranteed analysis

Total Nitrogen (N)	5.0%
5.0% ammoniacal nitrogen	
Available Phosphate (P_2O_5)	50.0%
Soluble Potash (K_2O)	18.0%
Magnesium (Mg)	1.0%
1.0% water soluble magnesium (Mg)	
Sulfur (S)	1.5%
1.5% combined sulfur (S)	
Boron (B)	0.01%
Copper (Cu)	0.004%
0.004% chelated copper (Cu)	
Iron (Fe)	0.05%
0.05% chelated iron (Fe)	
Manganese (Mn)	0.02%
0.02% chelated manganese (Mn)	
Molybdenum (Mo)	0.001%
Zinc (Zn)	0.002%
0.002% chelated zinc (Zn)	

Derived from: Monopotassium phosphate, monoammonium phosphate, potassium chloride, magnesium sulfate, iron DTPA, iron EDTA, manganese EDTA, zinc EDTA, copper EDTA, boric acid, ammonium molybdate

Potential Acidity: 554 lb. of calcium carbonate equivalent (CCE) per ton.

Limit of Solubility: 2.5 lb. per gallon

ATTENTION: The application of fertilizer material containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) which are toxic to ruminant animals.

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

mixing instructions

FOR AN EC OF 1.8 (100 PPM N)

Remember the old school Variegated Violet of the 1960's? The formula designers at JR Peters adapted this formula with the most innovative raw materials to enhance that original very popular blend. The results speak for themselves and deliver that hard to reach boost of P that is useful for the short period of time that the plant will benefit from it the most.

Dissolve 27 ounces in 100 gallons of water to achieve a final feed strength of 100 PPM N.

For best results, keep in mind that fertilizer salts dissolve in an endothermic reaction which means that they absorb heat from their surroundings during the process. This is why hot water works best when dissolving high concentrations (over 1 lb. per gallon range). Maximum fertilizer solubilities per gallon of hot water are listed with each formula description.

FOR A CONTINUOUS LIQUID FEED PROGRAM

1 GALLON CONCENTRATE	1 GALLON READY TO USE	100 GALLONS
FOR INJECTORS AT 1:100:	SMALL VOLUME MIXING:	FOR A LARGE SOLUTION RESERVOIR:
Mix 27 dry ounces of fertilizer per gallon of stock	Mix 7.75 grams per gallon of water as a constant liquid feed	Mix 27 dry ounces of fertilizer in 100 gallons of water as a constant liquid feed

*USEFUL CONVERSIONS:
1 GAL = 3.78 L
1 TSP = 5 GM

elemental concentration

	100 ppm N solution contains the following elemental ppm:
Element	**ppm**
Total Nitrogen (N)	100.0
Nitrate - N (NO_3)	0.0
Ammonium - N (NH_4)	100.0
Urea - N	0.0
Phosphorus (P)	436.4
Available Phosphate (P_2O_5)	1000.0
Potassium (K)	298.8
Soluble Potash (K_2O)	360.0
Calcium (Ca)	0.0
Magnesium (Mg)	20.0
Sulfur (S)	29.0
Boron (B)	0.2
Copper (Cu)	0.08
Iron (Fe)	1.00
Manganese (Mn)	0.40
Molybdenum (Mo)	0.02
Zinc (Zn)	0.04

PROUDLY CRAFTED IN PENNSYLVANIA

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NET WT. 25 LB. (11.34 KG)

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