TECHNIGRO®
WATER SOLUBLE FERTILIZER

20-20-20 All Purpose

For Continuous Liquid Feed Programs - For Professional Use Only

GUARANTEED ANALYSIS

Total Nitrogen (N) **20%**
- 3.5% Ammoniacal Nitrogen
- 5.5% Nitrate Nitrogen
- 11.0% Urea Nitrogen

Available Phosphate (P_2O_5) **20%**

Soluble Potash (K_2O) **20%**

Boron (B) **0.005%**

Copper (Cu) **0.003%**
- 0.003% Chelated Copper (Cu)

Iron (Fe) **0.05%**
- 0.05% Chelated Iron (Fe)

Manganese (Mn) **0.02%**
- 0.02% Chelated Manganese (Mn)

Molybdenum (Mo) **0.0005%**

Zinc (Zn) **0.003%**
- 0.003% Chelated Zinc (Zn)

DERIVED FROM: Potassium Nitrate, Urea, Ammonium Phosphate, Monopotassium Phosphate, Iron EDTA, Manganese EDTA, Copper EDTA, Zinc EDTA, Boric Acid, Sodium Molybdate

POTENTIAL ACIDITY: 580 lb Calcium Carbonate Equivalent per ton.

NET WEIGHT: 25 lb / 11.3 kg

NOTICE: This fertilizer contains molybdenum (Mo). Use of this product on forage crops may result in crops containing levels of molybdenum which are toxic to ruminant animals.

NOTICE: This fertilizer contains boron (B). Do not use on boron sensitive plants.

Various cautionary statements, handling and safety language on this label may or may not be in compliance with GHS, but it is required by various states, regulations and good business practices.

DIRECTIONS FOR USE

Mixing Concentrated Fertilizer Solutions:

The table below lists how much Technigro fertilizer by weight to blend into a given volume of water to make a concentrated fertilizer solution. Recommended fertilizer concentrations are for a continuous feed program. However, the Technigro formula (NPK) and concentration (ppm) most suitable for individual use should be determined by soil and water analysis as well as plant response. Various target concentration and common injector ratios are included. Technigro dissolves faster in hot water. When mixing a concentrated solution with cold water, stir well and allow ample time for fertilizer to dissolve before using.

USAGE RATES

ppm N	For fertilizers with 20% N analysis Ounces of fertilizer per gallon of water for given injector ratio					
	No Injector	1:15	1:100	1:128	1:200	1:300
25	0.02	0.3	1.7	2.1	3.3	5.0
50	0.03	0.5	3.3	4.3	6.7	10.0
75	0.05	0.8	5.0	6.4	10.0	15.0
100	0.07	1.0	6.7	8.5	13.4	20.0
150	0.10	1.5	10.0	12.8	20.0	30.0
200	0.13	2.0	13.4	17.1	26.7	40.1
300	0.20	3.0	20.0	25.6	40.1	60.1
400	0.27	4.0	26.7	34.2	53.4	80.1

A soluble salts or conductivity meter can be used to estimate the concentration of fertilizer solutions. The correct electrical conductivity (EC) in millisiemens per centimeter (mS/cm) is listed below for various ppm nitrogen concentrations. When measuring the conductivity of fertilizer solutions, be sure to subtract the conductivity of the water from the measures value of the fertilizer solution.

ppm N	mS/cm
50	0.34
100	0.39
150	1.03
200	1.38
300	2.07

Last Revised 01-11-2018

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