

Technigro[®] Water Soluble Fertilizer

Technigro[®] Water-Soluble Fertilizer is the most soluble fertilizer on the market with added sulfur and magnesium in many formulas for greener, healthier growth. Packaged in a thick plastic bag for extra protection against hardening and ease of handling.



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20-9-20 Plus

Our best formula for a wide range of crops and conditions. This high-nitrate formula is an excellent source to supply readily available sulfur, resulting in improved plant vigor and deeper green leaves. Its acidifying effect is useful where irrigation waters have moderate alkalinity.

Features	Benefits
High nitrate nitrogen (57.5%).	Available nitrogen over a wide range of temperature and light conditions.
Enhanced sulfur (1%) levels.	Supplies readily available, essential nutrient that is often overlooked.
Chelated micro nutrients.	Available micro nutrients over a wide range of soil conditions.
Moderately high potential acidity.	Helpful in controlling growing mix pH where irrigation water has moderate alkalinity.
Highly water soluble.	Readily dissolves to use with a wide range of injectors.
Free flowing.	Easy to measure and mix fertilizer.

17-5-24 Plus

With a slightly acidifying effect, this formulation is useful where irrigation waters have low-to-moderate alkalinity. It will not strongly affect growing media pH. This high nitrate formula is an excellent source to supply readily available magnesium and sulfur resulting in improved plant vigor and deeper green leaves. The Plus level of minor nutrients is ideal for soil less growing mix production.

Features	Benefits
High nitrate nitrogen (68.6%).	Available nitrogen over a wide range of temperature and light conditions.
Enhanced magnesium (2%) and sulfur (2.5%) levels.	Supplies readily available, essential nutrients that are often overlooked.
Chelated micro nutrients.	Available micro nutrients over a wide range of soil conditions.
Moderate potential acidity.	Helpful in controlling media pH where irrigation water has low to moderate alkalinity.
Highly water soluble.	Readily dissolves to use with a wide range of injectors.
Free flowing.	Easy to measure and mix fertilizer.

15-0-15 Plus Contains 9% Calcium & 1% Magnesium

Used to supplement calcium & magnesium in a feed program using pure water or when growing plants which demand higher calcium & magnesium levels, also to correct calcium & magnesium deficiencies. Absence of phosphorus allows better control of phosphorus levels to avoid plant stretch. Great for plugs and bedding plants using relatively pure irrigation water or where excess alkalinity is being controlled. The Plus level of minor nutrients is ideal for soil less growing mix production. Do not mix in a concentrated stock tank with sulfate containing fertilizers and acids.

Features	Benefits
High nitrate nitrogen (91%).	Ideal for use under cool, low light conditions such as greenhouses in wintertime in northern climates.
Enhanced calcium (9%) and magnesium (1%) levels.	Supplies readily available, essential nutrients that are often overlooked.
Enhanced chelated micro nutrients.	Available micro nutrients over a wide range of soil conditions.
High potential basicity.	Useful in raising growing mix pH.
Highly water soluble.	Readily dissolves to use with a wide range of injectors.
Free flowing.	Easy to measure and mix fertilizer.

20-20-20 All Purpose

Suitable as a warm weather feed for a variety of crops. It has lower minor nutrient levels than Technigro Plus formulas making it suitable for turf, landscape, potting mixes containing field soil and long term minor nutrient supplements. The high phosphorus levels make this formula an excellent supplement for soils and mixes with low phosphorus content.

Features	Benefits
High urea nitrogen (51%).	Effective as a foliar feed. Low EC levels.
High phosphorus levels (20%).	Aids in root and bloom development.
Chelated micro nutrients.	Available micro nutrients over a wide range of soil conditions.
Moderate potential acidity.	Helpful in controlling growing mix pH where irrigation water has moderate alkalinity.
Highly water soluble.	Readily dissolves to use with a wide range of injectors.
Free flowing.	Easy to measure and mix fertilizer.

21-7-7 Acid Special

Specifically designed for use in lowering growing mix pH or where irrigation water is high in alkalinity. Recommended for use as a corrective feed when a significant adjustment in pH is required. Also can be used as a general purpose feed for “acid loving” crops. Due to high urea nitrogen composition, can be used as a foliar feed.

Features	Benefits
High percentage of nitrogen from urea.	Urea nitrogen aids in driving nutrients into the foliage.
High potential acidity.	Helpful in reducing growing media pH.
Chelated micro nutrients.	Available micro nutrients over a wide range of soil conditions.
Enhanced sulfur (13.5%) levels.	Supplies readily available, essential nutrient that is often overlooked.
Highly water soluble.	Readily dissolves to use with a wide range of injectors.
Free flowing.	Easy to measure and mix fertilizer.

17-5-17 Plus Contains 3.5% Calcium & 1.1% Magnesium

An all-purpose formulation useful in a wide range of crops and conditions. It produces a relatively neutral reaction to help maintain steady pH in growing mix. This high nitrate formula is an excellent source to supply readily available nitrogen. This formula also contains calcium, magnesium and chelated minor elements. Do not mix 17-5-17 Plus in a concentrated stock tank with other phosphate or sulfate containing fertilizers.

Features	Benefits
High nitrate nitrogen (93%).	Available nitrogen over a wide range of temperature and light conditions.
Enhanced calcium (3.5%) and magnesium (1.1%) levels.	Supplies readily available, essential nutrients that are often overlooked.
Very low potential acidity.	Helps to maintain stability in soil pH.
Chelated micro nutrients.	Available micro nutrients over a wide range of soil conditions.
Highly water soluble.	Readily dissolves to use with a wide range of injectors.
Free flowing.	Easy to measure and mix fertilizer.

13-2-13 Plus Contains 6% Calcium & 3% Magnesium

Great for plugs and bedding plants using relatively pure irrigation water or where excess alkalinity is controlled. Contains phosphorous, calcium and magnesium; no need to alternate feed programs.

Features	Benefits
High nitrate nitrogen (93%).	Ideal for use under cool, low light conditions such as greenhouses in wintertime in northern climates.
Enhanced calcium (6%) and magnesium (3%) levels.	Supplies readily available, essential nutrients that are often overlooked.
Enhanced chelated micro nutrients.	Available micro nutrients over a wide range of soil conditions.
High potential basicity.	Useful in raising growing mix pH.
Highly water soluble.	Readily dissolves to use with a wide range of injectors.
Free flowing.	Easy to measure and mix fertilizer.

Suggested Technigro® Concentrations

Crop Type	Constant Liquid Feed (ppm N)	Periodic Feeding (ppm N)
Bedding Plants	50-150	200-250
Cut Flowers	125-250	300-400
Pot Chrysanthemums	200-300	350-400
Potted Easter Lilies	100-250	350-400
Potted Geraniums	150-250	350-400
Potted Poinsettias	150-250	375-400
Potted Tropical Foliage	100-200	250-300
Woody Ornamentals	50-100	300-350
Plugs (all types)	50-125	150-200
Fruit and Field Crop Vegetables	n/a	25-300
Landscape and Turf	1/4 lb. N per 1000 sq. ft. every 2-4 weeks	

NOTE: The optimum concentration is variable and dependent on crop type, weather, time of year, stage in cropping period, soil type and application rate (volume applied per area). Tender plants or seedlings are very sensitive and should be fed at a lower concentration. The Technigro® formula (NPK) and concentration (ppm) that is most suitable for individual uses should be determined by soil and water analysis and plant response. Contact Sun Gro for analysis sample kits and for more information about Sun Gro Analytical Services.



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