

ANOTHER SENSIBLE PRODUCT
AUX-N-ITE® (5-4-0) with 1% Fe
BROUGHT TO YOU BY NUTRIENTS PLUS



SAVE WATER · BUILD DROUGHT TOLERANCE

Adding biosolids to soil delivers enzymes and other valuable organic substances known to make plants hardier with better heat and drought tolerance¹. Such compounds are naturally occurring in Aux-n-ite, an Exceptional Quality Biosolid. Users of fertilizers containing organic matter tout how their properties withstand environmental stresses better. Aux-n-ite was designed to optimize this effect and is particularly suited for saving water on the landscape.

(1) Ervin, Erik, Ph.D., 2008, Budgeting organic matter into programs with fertilizers containing natural and organic ingredients.

AUX-N-ITE® VS. MILORGANITE®

Besides valuable slow-release plant nutrients, biosolids have biologically active substances such as hormones, humic acids, vitamins and amino acids- all well documented to have favorable physiological effects on plant growth. When supplemented with additional amounts of auxins in turf research, enhanced biosolids significantly improved drought tolerance². Encouraged by those results, Nutrients PLUS developed Aux-n-ite. Using a patented oilseed extraction process that fixes high auxin concentrate (HAC), Nutrients PLUS introduced the first 100% natural biosolid granule boosted with HAC. With Aux-n-ite, professionals have all the same benefits of popular products such as Milorganite® only now as a new and improved, auxin-boosted brand.

(2) Zhang, X., Ervin, E.H., Evanylo G.K., Drought Assessment Of Auxin-Boosted Biosolids, WEF/AWWA Biosolids Management Conference 2007

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RECYCLED SLOW-RELEASE NUTRIENTS · REDISCOVER THE WHEEL

Today, synthetically made slow-release nitrogen is extremely expensive so why not use less expensive natural sources? When scientists bonded nitrogen with carbon to make methylene urea, they replicated how nitrogen and carbon are combined in nature- as organic matter! "Don't reinvent the wheel". Rediscover natural nitrogen in Aux-n-ite that contains 90% WIN (water-insoluble nitrogen).

NO SURGE GROWTH · ALL-PURPOSE

Fertilize turf and a wide range of ornamentals any time of year with no risk of burning compared to high-salt index water-soluble fertilizers. Nutrients released slowly provide sustained, spoon-feedings that maintain color plus increase density without causing excessive growth. Healthier plants will also be less susceptible to disease pathogens.

PRODUCT SPECIFICATIONS • AUX-N-ITE® (5-4-0)

Total Nitrogen (N)	5.00%	AAPFCO Guideline: 100% Natural Organic
0.50% water-soluble nitrogen		Lab tested: 60% Organic Matter
4.50% water insoluble nitrogen		C:N Ratio: 8:1
Available Phosphate (P2O5)	4.00%	U.S. Sieve Sizes: 8-14
Calcium (Ca)	3.00%	SGN: 180
Iron (Fe)	1.00%	Bulk Density: 40 lbs/cu.ft
		Packaging: 40-50 lbs / Pallet
		Truckload: 22 pallets

Plant Nutrients Derived From
Exceptional Quality Biosolids



AUX-N-ITE® (5-4-0)

90% WIN with 3% Ca, 1% Fe
Percent OM 60% OM

50 lb Bag
Coverage

TURF

For 10,000 sq ft use 5lbs/1000 ft² (Low Rate)
For 5,000 sq ft use 10lbs/1000 ft² (Recommended Rate)
For 2,500 sq ft use 20 lbs/1000 ft² (High Rate)
For 1,666 sq ft use 30 lbs/1000 ft² (Full Rate)

SHRUBS

Apply 4 lbs of Aux-n-ite per 100 ft²
Apply 50 lbs (1 bag) per 1000 ft²

TREES

Apply 10 cups Aux-n-ite per 1" of trunk diameter

FLOWERS

For perennial and annuals, apply 3 lbs of Aux-n-ite
per 100 ft² of bedding area

Product Uses & Applications

COOL SEASON GRASSES

5-4-0 can be applied any time of year with no risk of burn when used as directed. It is always good practice to water in fertilizer materials.

Boosted Auxin Applied: 1 oz

Single application - recommended rate (10 lbs/1000ft²)

Aux-n-ite delivers 0.5 lbs of nitrogen and 0.4 lbs of phosphorous. Besides n, p and k, Nutrients PLUS "NPK-PL15" programs recommend to also budget 10-15 lbs of organic matter annually. 10 lbs of Aux-n-ite delivers 6 lbs of that annual goal. This amount is ideal for late spring to early summer when following 2-3 pounds of organic matter applied in early spring and before applying 3-4 more pounds in the fall.

Boosted Auxin Applied: 2 oz

Single application - high rate (20 lbs/1000ft²)

Aux-n-ite delivers 1.0 lb of nitrogen and 0.8 lbs of phosphorous. Conventional fertility programs, without organic matter inputs, will greatly benefit from this rate of material applied. 20 lbs of Aux-n-ite delivers 12 lbs of organic matter and is ideal from late spring-early fall.

WARM SEASON GRASSES

5-4-0 can be applied any time of year to Common Bermuda, Hybrid Bermuda, St. Augustine, Centipede and Bahia grasses with no risk of burn when used as directed. It is always good practice to water in fertilizer materials.

Boosted Auxin Applied: 1-2 oz

Single application - recommended rate (10 lbs/1000ft²)

Delivers 0.5 lbs of nitrogen and 0.4 lbs of phosphorous.
Delivers 6 lbs of organic matter.

Single application - high rate (20 lbs/1000ft²)

Delivers 1.0 lb of nitrogen and 0.8 lbs of phosphorous.
Delivers 12 lbs or organic matter.

TOPDRESSING & AERATIONS

Boosted Auxin Applied: 3 oz

Single application - full rate (30 lbs/1000ft²)

Delivers 1.5 lbs of nitrogen and 1.2 lbs of phosphorous.
Delivers 18 lbs of organic matter.

