



Nature's Pro[®]

Bio-Soil Science

19-0-3
All-In-One
 with
StressMaster

19-0-3 All-In-One is a custom blended lawn fertilizer with food grade phosphorous and potassium, humic acids, carbohydrates, a wide range of secondary & micro nutrients, plant growth & microbial stimulators and natural soil conditioners in a formulation having low salts and chlorides levels and near neutral pH for use on all types of turf grass.

~ Plant & Soil Benefits ~

- Recharges dynamic biological equilibrium (balance) in the soil.
- Improves air exchange (Natural Aeration) and soil drainage: materials work 24/7, 365 days a year, providing 100% coverage
- Effectively slows release of plant nutrients, especially Nitrogen.
- Naturally digests and recycles thatch - eliminates de-thatching,
- Improves water-holding capacity, thus decreasing water needs
- Increases protein levels in plants and acts as an organic catalyst.
- Improves plant color - deeper, darker green in conjunction with N
- Increases plant regulators - auxins, cytokinins, gibberellins, etc.
- pH buffering and accelerated Calcium Carbonate breakdown.
- Improves soil physical properties of both clay or sandy soils
- Detoxifies soil pollutants - neutralize "Black Layer" problems.
- Improves activity and growth of beneficial soil microbiology.
- Increases Phosphorus availability, especially in clay soils.
- Chelates trace elements for better nutrition, especially Iron.
- Increases drought tolerance and wear tolerance / recovery.
- Stimulates respiration, hormonal & enzyme systems.
- Improves soil Cation Exchange Capacity (CEC)
- Accelerates cell division for improved root-mass.
- Prevention and correction of chlorosis.
- Source of over 70 micro-nutrients.

Guaranteed Analysis:

Total N - - - - - 19%
 Urea & Aqua
 Ammonia - - 94.5%
 Liquid N - - - - 5.5%

Phosphoric Acid
 (P₃O₅) - - - - - 0%

Soluble Potash
 (K₂O) - - - - - 3%

Nutrients derived from:
 Urea, Aqua Ammonia,
 Liquid Nitrogen and
 Potassium Hydroxide

SHAKE OR STIR MATERIAL BEFORE USING

Mixing & Application Instructions

Order of Tank Filling / Mixing

1. Fill tank at least 2/3 full of water
2. Add "All-In-One" and any control products
3. Finish filling tank with water
4. CRITICAL ~ Apply 3-4 gallons of mixture / 1000 sq.ft.

<u>Rates of Nitrogen</u>	<u>Amt of Material</u>
1/4# N /1000 sq.ft.	28.00 fl.oz./ 1000 sq.ft.
1/2# N /1000 sq.ft.	43.50 fl.oz./ 1000 sq.ft.
3/4# N /1000 sq.ft.	61.50 fl.oz./ 1000 sq.ft.
1# N /1000 sq.ft.	79.00 fl.oz./ 1000 sq.ft.

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