

LIQUID FORMULATIONS

NATURAL BASED FERTILIZERS

Bio-Plex LIQUID FERTILIZERS are a concentrated “base-combination” of three of the oldest most effective forms of fertilizers known to mankind... **Hydrolyzed Fish, Seaweed and Humic substances.** They are combined with colloidal phosphates, feather meal, urea and wetting compounds.. **Liquid blends are homogenized and fortified with the addition of Bio-Plex Transplant Concentrate, a powerful ‘value added’ concentrated bio-stimulant.**

Bio-Plex liquid concentrates can be effectively applied as a foliar or root drench. Whether utilized for bedding plants, containerized materials, established ornamentals, flower beds, deep root feeding, turfgrasses, or hydroseeding, Bio-Plex’s “natural growth formulas” deliver superior, predictable, safe and effective complete nutritional plant response under ordinary as well as adverse conditions. Value added performance, expect more than just a fertilizer!

FORTIFIED **12-4-6** + BIO-PLEX

Natural Based Liquid Fertilizer

FORTIFIED **5-10-5** + BIO-PLEX

Natural Based Liquid Fertilizer

Guaranteed Analysis

Total Nitrogen (N)	12.0%
3.0% Water Soluble Urea Nitrogen	
9.0% Water Insoluble Organic Nitrogen	
Available Phosphate (P205)	4.0%
Soluble Potash (K20)	6.0%
Iron (Fe)	0.1%

Nutrients derived from Urea, Soluble Fish Meal, Seaweed Extract, Molasses, Humic Acid Extract

Non-Plant Food Ingredients

Ascophyllum nodosum Seaweed Extract	4.0%
Leonardite Humic Acid	2.0%
Non-ionic Polyether-Polymethyl-siloxane Wetting Agent	2.0%

BENEFITS

- Excellent source of natural slow-release nutrients
- Increases fibrous root mass
- Enhances foliage, Promotes more vibrant blooms
- Decreases stress
- Speeds plant maturity & seed germination
- Reduces intense pesticide requirements
- Supplies safe, slow-release "NPK" plus bio-stimulation
- Enhances aggressive fibrous root growth
- Speeds plant maturity, quicker finish time
- Speeds seed germination
- Thicker, greener foliage, more prolific blooms
- Apply foliar or soil drench

Guaranteed Analysis

Total Nitrogen (N)	5.0%
5.0% Water Soluble Nitrogen	
Available Phosphate (P205)	10.0%
Soluble Potash (K20)	5.0%
Iron (Fe)	0.05%
Boron (B)	0.2%
Copper (Cu)	0.05%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.06%

Nutrients derived from Urea, Soluble Fish Meal, Seaweed Extract, Molasses, Humic Acid Extract

Non-Plant Food Ingredients

Ascophyllum nodosum Seaweed	4.0%
Leonardite Humic Acid	1.0%
Non-ionic Polyether-Polymethyl-siloxane Wetting Agent	2.0%

RATES OF APPLICATION • 12-4-6

Nursery, Flower Beds, Ornamental Maintenance as Foliar Spray: Apply at 0.75 fl.oz. (maintenance) / 1.25 fl.oz. (corrective) per gallon water (75 fl.oz./ 125 fl.oz./ 100-150 gallon water) and apply to leaf drip. Beds, apply same dilution at 1 gal./ 1,000 sq.ft. area. Repeat at 30-45 day intervals.

Landscape Post-Ornamental Transplant/ Root Drench: Apply 1.5 fl.oz.(Low stress)-3.5 fl.oz.(High stress) per 1" caliper trunk diameter and drench into root zone with sufficient water at transplanting. Repeat at 30-60 days if required.

Ornamental and Fairway Turf: Apply at 6.4 fl. oz. (maintenance) / 10.0 fl.oz. (corrective) per 1,000 sq. ft. per application every 6-8 weeks. Tank-mix and deliver at a rate of 40-120 gallons of water per acre.

Applied as a Deep Root Feed: Apply Spring and Fall. Rate: General- 0.5-1.0 gallon per 100 gallon water (or) 5.0 fl.oz. 12-4-6 + Bio-Plex Turf, Tree and Shrub per 0.5-3 gallon water per 1" caliper tree trunk. Ref:Bio-Plex Organics Deep-Root Feed Program.

Hydro-seeding: Apply 3/4 to 2.0 gallon per acre. Rate depends on soil quality, stress, etc.

RATES OF APPLICATION • 5-10-5

Greenhouse, New Bedding Plants: Mix 1 gallon to 5 gallon water. Apply at 1:75 or 1:100 through an injector system. Hose-end sprayer pre-mix 5-15 fl. oz. per gallon water as nurse tank source.

Landscape Transplanting, Flower Beds, Turf Seeding: Tank-mix 2-3 fl. oz. per gallon water and evenly apply to 1,000 sq. ft. area. Repeat every 2-4 weeks or sooner as required.

Applied as a Deep Root Feed: Apply Spring and Fall. Rate: General- 0.5-1.0 gallon per 100 gallon water (or) 5.0 fl.oz. 5-10-5 + Bio-Plex Turf, Tree and Shrub per 0.5-3 gallon water per 1" caliper tree trunk. Ref: Bio-Plex Deep-Root Program.