

# LiquidLife™

PROFESSIONAL SERIES



LIQUIDLIFE FORMULA 2G

## GUARANTEED ANALYSIS

<b>TOTAL NITROGEN (N)</b>	16.0%
8.0% Urea Nitrogen	
4.0% Ammoniacal Nitrogen	
4.0% Nitrate Nitrogen	
<b>AVAILABLE PHOSPHATE (P<sub>2</sub>O<sub>5</sub>)</b>	6.0%
<b>SOLUBLE POTASH (K<sub>2</sub>O)</b>	4.0%
Derived from: Urea Ammonium Nitrate, Phosphoric Acid, Potassium Tripolyphosphate, Potassium Hydroxide	
<b>NON-PLANT FOOD INGREDIENTS</b>	
<b>BIO-STIMULANT</b>	30%
Contains BioNatra+™, a non-plant food ingredient	
<b>pH 4.9</b>	

**BIONATRA+** Stabilized and oxygenated carbohydrates, seaweed, raw sugar cane molasses, humates, kelp, enzymes, chelated minerals, mycorrhiza, fulvic and amino acids and naturally occurring soil bacteria and fungi.

## ALL-PURPOSE BLEND

### Product Description

LiquidLife Pro Formula 2G (F2G) is a complete naturally based fertilizer. F2G is formulated as an all-purpose fertilizer for the entire landscape – turf, bedding plants, shrubs and trees. F2G is a recommended for use in the warm summer months. It is suited for both cool and warm season grasses and is effective in all types of soil. F2G combines urea-ammonium nitrate, phosphoric acid, potassium carbonate and trace amounts of micro nutrients with a collection of high energy natural ingredients to provide your entire landscape with a complete nutrient supplement. **Nitrogen** is a major component of proteins, hormones, chlorophyll, vitamins and enzymes essential for plant life. **Phosphorus** is essential for flower and fruit formation. **Potassium** is necessary for protein synthesis and cell division in roots and other parts of the plant. The natural base in F2G works as a soil conditioner to increase root development, increase nutrient uptake and minimize disease. F2G is optimized for slow feed application through the ProFeeder but can also be used in spray rigs, hose end sprayers, and other fertigation devices.

### Product Specifications

**PACKAGING** Liquid concentrate—1 gallon, 2.5 gallon, 275 gallon tote.

**DENSITY** 1.22@ 20C

**WEIGHT** 1 Gallon 10.2 lbs.

2.5 Gallons 27 lbs.

275 Gallon Tote 3019 lbs.

**MACRONUTRIENTS** Nitrogen (N), Phosphorus (P<sub>2</sub>O<sub>5</sub>), Potassium (K<sub>2</sub>O)

**MICRONUTRIENTS** Trace amounts of B, Cu, Fe, Mn, Mg, SZn

**COVERAGE** See Application Guide (reverse side)

### Pro Series Difference

LiquidLife Formulas are advanced liquid fertilizers designed for use by landscape professionals to achieve outstanding results in plant nutrition. In addition to premium macro and micro nutrients, Pro Series Formulas contain BioNatra+, a complex organic bio-stimulant containing humates, microbes, and enzymes that increases healthy microbial activity in the soil.

Microbes accelerate the breakdown and conversion of organic matter into humus, the most natural source of plant nutrition. Microbes also assist plants in nutrient uptake, help to make essential minerals available, and produce antibiotics to prevent root disease. BioNatra+ also helps to encapsulate Nitrogen molecules to minimize volatilization and leaching, and improves soil structure.

All LiquidLife Formulas can be applied in conjunction with most herbicides and pesticides, and will not burn plant material when properly applied. Each LiquidLife product is optimized to be used with the ProFeeder to deliver professional results.

# ALL-PURPOSE BLEND

**FIRST AID** In case of contact with eyes, immediately flush with water for at least 15 minutes. In case of skin contact, flush with water. Seek immediate medical attention if irritation occurs. Remove and wash contaminated clothing before reuse. If swallowed give large amounts of water and induce vomiting unless unconscious. Seek immediate medical attention.

**IN CASE OF SPILL** Contain spill and maximize recovery. Keep spill out of water sources. Exercise caution in area of spill for slippery conditions. Dispose of spilled material in accordance with regulatory requirements.

**PHYTOTOXICITY** Plant and leaf injury may occur on some plants when not applied through an American Hydro Systems ProFeeder when certain weather and growing conditions are present.

**DIRECTIONS FOR USE** For best results apply Pro Formula F2G through a ProFeeder. It may also be applied as a foliar spray application on all turf grasses and ornamentals to enhance growth and quality, correct nutritional deficiencies and help plants rebound from stressful conditions. F2G may be applied as a concentrate or diluted solution through an irrigation system or by ground application. Apply with sufficient water to achieve adequate plant coverage especially during periods of low humidity and high temperature to achieve the maximum benefit of foliar fertilization. F2G is physically compatible with most plant protection chemicals. In the absence of published data American Hydro Systems recommends testing for compatibility in all spray combinations by a simple jar test with appropriate concentrations. Care should be taken not to blend F2G with highly acidic materials and materials containing a high level of free ammonia or formaldehyde. F2G provides nitrogen for a wide variety of turf grasses and ornamentals.

## Monthly Application Rates

<b>Cool Season Grasses</b>	<b>15-30 oz per 1000 square feet</b>
<b>Warm Season Grasses</b>	<b>30-42 oz per 1000 square feet</b>

**COOL SEASON GRASSES** Rates may vary from 1/4 to 1/2 pound of N (15-30 fl.oz.), per 1000 square feet each month during the growing season for a total application rate not to exceed 3 pounds of N, per year (1.4 gallons).

**WARM SEASON GRASSES** Rates may vary from 1/2 to 2/3 pound of N (30-42 fl.oz.) per 1000 square feet monthly, not to exceed 6 pounds of N per year (2.7 gallons).

**TREES AND SHRUBS** In the spring, apply F2G after the frost is out of the ground, but before the tree has opened all its leaves. Suggested rates of application are 3/4 to 1.25 gallons of F2G per thousand square feet annually. Apply so that the area below the tree canopy and an additional band 1/3 the canopy radius outside the canopy will be treated.

**ORNAMENTALS & NURSERY STOCK** Rates vary from 1/8 to 1/3 pound of nitrogen (6-17 fl.oz.) per 1000 square feet per month. Ornamental and nursery stock vary widely in growth habit and leaf texture. Some varieties are more susceptible to leaf or tip burn than others. It is recommended that the user apply a diluted solution to a few plants and observe for a week before general application is made.

**MIXED APPLICATIONS** F2G may be applied in conjunction with a pesticide program. F2G will help stimulate new growth, aid recovery from insect and disease damage and enhance color. Suggested rate of F2G is 4 ounces per gallon of spray solution.

SIZE	1 GALLON	2.5 GALLON	275 GALLON TOTE
PART #	F2G-1C	F2G-2.5C	F2G-275
CASE QUANTITY	4	2	1