



making horticulture better



BIOFUEL™

3-3-2

PROMOTES BENEFICIAL PLANT NUTRITION

Liquid Fertilizer

For use on indoor and outdoor specialty crops, fruits, and vegetables

NET VOLUME 1 gal (3.79 L)

DENSITY 10.4 lbs/gal at 68°F

Biofuel™ is a high-performance, plant-derived fertilizer that promotes plant nutrition and vigor. Biofuel™ provides readily available macronutrients to the plant and promotes beneficial microbial activity in the rhizosphere, leading to improved plant growth, yield, and soil nutrient conditions. Biofuel™ supplies readily available nitrogen as well as high levels of potassium, phosphorus, and organic matter in an easy-to-use fertilizer that can be applied alone or in conjunction with other fertilizers in any growing media and irrigation system. Suitable for indoor, greenhouse, and broad acreage crops, Biofuel™ is an innovative fertilizer that can help growers reduce their reliance on inorganic nutrients and promote plant growth by providing both readily-available nutrients to the plant and by providing microbe food to beneficial soil microbes.

DIRECTIONS FOR USE

Mixing Instructions: Mix Biofuel™ with a desired amount of water. Biofuel™ can be tank mixed with most other fertilizers, biological products, and pesticides. However, always check compatibility with other products first by jar-testing. Biofuel™ is naturally acidic and may lower nutrient solution pH levels. This is typically beneficial for plant nutrient availability, but use of pH adjustment may be desirable.

APPLICATION NOTES

Biofuel™ can help reduce or eliminate the need for conventional salt-based fertilizers without jeopardizing plant nutrition. Biofuel™ should typically be applied as a root drench at rates from 1-10 gallons per acre as needed during the growing season. Biofuel™ can also be applied as a foliar fertilizer at rates of 0.3 - 1 gallon per acre as needed. For optimum results, use soil and plant tissue nutrient analyses to determine ideal application rates for your crop.

Biofuel™ is compatible for use on most crop types. Always test new fertilizer application rates on a small portion of the crop before large scale applications.

Visit www.impellobio.com for more detailed application information or contact us via email at info@impellobio.com or on the phone at (720) 772-9767.

STORAGE AND DISPOSAL

For optimal product shelf life, store out of direct sunlight in a cool, dry location. Dilute only the amount needed, and keep the undiluted product capped. Dispose of unused product in accordance with any applicable local, state, and/or federal regulations. Biofuel™ has a shelf life of 1 year in unopened packages.

SAFETY AND HANDLING

In case of contact with eyes, flush with water for at least 15 minutes. Remove contact lenses, if present. See a physician and/or call a poison control center if you feel unwell. If on skin, remove contaminated clothing and wash skin with soap and water. Keep out of reach of children and pets.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

GUARANTEED ANALYSIS (min.)

Total Nitrogen (N)	3%
3% Water Soluble Nitrogen	
Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	2%

Derived from: Corn steep liquor

APPLICATION RATES

Always consider plant stage, container volume and environmental conditions when using suggested rates.

Indoor/Greenhouse			Desired Output	
Rate	fl. oz. per gal	mL per gal	ppm Nitrogen	E.C. (mmhos)
Low	0.4 (2.5 tsp)	12	100	0.5
Medium	0.85 (5 tsp)	25	200	1.0
High	1.3 (2.5 tbsp)	40	300	1.4

Row Crops/Field

Rate	Pounds N per Acre	Gallons per Acre
Low	17	55
Medium	35	110
High	70	220

Turf & Bedding Plants

Rate	Pounds N per 1000 sqft	Gal per 1000 sqft
Low	0.5	1.5
Medium	1	3
High	1.5	5

Fertigation Mixing Rates

Directions for 1 gallon solution for 1% injection. Add desired Biofuel first, then add water to dilute to 1 gallon total volume.

Desired ppm N	Biofuel oz.
100	43
150	64
200	85

MANUFACTURE DATE PRINTED ON PACKAGING

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