



PREMIUM BLACK

BIOCHAR + Water

SOIL AMENDMENT

A formulation of microscopic biochar particles in water for a ready and easy-to-use application. It creates the perfect chemical and physical soil conditions to maximize plant growth and root development for lawns, vegetables, compost piles, and gardens.

IMPROVE YOUR SOIL AND BOOST YOUR VEGETABLES



HOLDS WATER LONGER THAN SOIL



HOLDS NUTRIENTS AND RELEASES THEM SLOWLY



IMPROVES AERATION AND DECREASES COMPACTION



IMPROVES ROOT STRUCTURE AND GROWTH



REDUCES NITROGEN RUNOFF INTO GROUNDWATER

www.ARTiChar.com
 (515) 635-5164 | sales@ARTiChar.com

1 GALLON Sequesters 5 lb. of CO₂

COMPOSITION

Biochar composition is approximately 80% organic carbon, Hydrogen: Carbon ratio of 0.47, 9.5% mineral ash, and has a surface area of more than 250 m²/g.

C-NPK composition: 80:0:0 of available nutrients.



HOW CAN ARTiLiquidChar HELP MY PLANTS?

The dark organic matter is the soul of the soil. Biochar contributes to high levels of organic carbon that will increase the organic matter in your soil. ARTi™ engineers have designed this formulation to help your plants grow to their fullest potential:

- ➔ Improves soil health, soil microbial life, and biodiversity
- ➔ Eliminates compost, organic fertilizer, and soil odors
- ➔ Reduces compaction of heavy clay soils
- ➔ Improves tilth and reduces soil bulk density
- ➔ Increases soil water holding capacity
- ➔ Reduces soil acidity and buffers high pH soils
- ➔ Becomes more stable by forming aggregates with clay minerals
- ➔ Helps plants resist diseases and pathogens
- ➔ Adds recalcitrant carbon, sequestering carbon dioxide (5lb./gallon)



PRODUCT	CO ₂ SEQUESTERED
ARTi LiquidChar (1 Gallon)	Approx. 5 lbs.
ARTi LiquidChar (2.5 Gallon)	Approx. 15 lbs.
ARTi LiquidChar (5 Gallon)	Approx. 30 lbs.

USAGE: Add as much ARTi LiquidChar to your soil as you would like! Standard application is as follows:

PREMIUM BLACK COVERAGE

APPLICATION	COVERAGE
Lawn	1 gallon every 25 sq. yards (add water to infiltrate LiquidChar into soil)
Flowers and Plants	1 gallon direct application for 10 large potted plants or 50 small potted plants
Compost	1 gallon every 2 cu. yards



PREMIUM ORGANIC

BIOCHAR + Organic Blend

SOIL AMENDMENT

ARTi LiquidChar Premium Organic is balanced with a proprietary organic blend of macro- and micro-nutrients, healthy organisms, as well as essential elements for a nourishing and balanced plant food.

A formulation of microscopic biochar particles, root-enhancing fungi, organic nutrients, and microbes for a ready and easy to use application for lawns, vegetables and gardens.

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2,5 GALL. Sequesters 15 lb. of CO₂

COMPOSITION

Biochar composition is approximately 80% organic carbon, Hydrogen: Carbon ratio of 0.47, mineral ash 9.5%, and has a surface area of more than 250 m²/g.

C-NPK composition: 80:1:0.5:1 of available nutrients.



HOW CAN ARTiLiquidChar HELP MY PLANTS?

The dark organic matter is the soul of the soil. Biochar contributes to high levels of organic carbon that will increase the organic matter in your soil. ARTi™ engineers have designed this formulation of healthy microbes and ready-to-use nutrients to help your plants grow to their fullest potential:

- ➔ Improves soil health, soil microbial life and biodiversity
- ➔ Stabilizes nutrients and make them readily available for plants
- ➔ Eliminates compost, organic fertilizer, and soil odors
- ➔ Reduces compaction of heavy clay soils
- ➔ Improves tilth and reduces soil bulk density
- ➔ Increases soil water holding capacity
- ➔ Reduces soil acidity and buffers high pH soils
- ➔ Becomes more stable by forming aggregates with clay minerals
- ➔ Helps plants resist diseases and pathogens
- ➔ Inoculated with beneficial bacterial cultures and mycorrhizae
- ➔ No added chemicals
- ➔ Adds recalcitrant carbon, sequestering carbon dioxide (5lb./gallon)



PRODUCT CO₂ SEQUESTERED

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ARTi LiquidChar (2.5 Gallon)	Approx. 15 lbs.
ARTi LiquidChar (5 Gallon)	Approx. 30 lbs.

USAGE: Add as much ARTi LiquidChar to your soil as you would like!
Standard application is as follows:

PREMIUM ORGANIC COVERAGE

APPLICATION	Lawn	1 gallon every 25 sq. yards (add water to infiltrate LiquidChar into soil)
	Flowers and Plants	1 gallon direct application for 10 large potted plants or 50 small potted plants
	Compost	1 gallon every 2 cu. yards



PREMIUM PLUS

BIOCHAR + Conc. Chemical Fertilizer

SOIL AMENDMENT

A formulation of microscopic biochar particles and added concentrated chemical fertilizer for a ready and easy to use application for lawns, vegetables, compost piles, and gardens.

ARTi LiquidChar Premium Plus is boosted with a proprietary chemical fertilizer to provide additional essential elements for a nourishing and balanced plant food.

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5 GALLON Sequesters 30 lb. of CO₂

COMPOSITION

Biochar composition is approximately 80% organic carbon, Hydrogen: Carbon ratio of 0.47, mineral ash 9.5%, and has a surface area of more than 250 m²/g.

C-NPK composition: 80:5:2:3 of available nutrients.



HOW CAN ARTiLiquidChar HELP MY PLANTS?

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- Improves soil health, soil microbial life and biodiversity
- Nitrogen, phosphorous, and potassium addition
- Stabilizes nutrients and make them readily available for plants
- Eliminates soil and compost odors
- Reduces compaction of heavy clay soils
- Improves tilth and reduces soil bulk density
- Increases soil water holding capacity
- Reduces soil acidity and buffers high pH soils
- Becomes more stable by forming aggregates with clay minerals
- Helps plants resist diseases and pathogens
- Adds recalcitrant carbon, sequestering carbon dioxide (5lb./gal)



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PREMIUM PLUS COVERAGE		
APPLICATION	Lawn	1 gallon every 25 sq. yards (add water to infiltrate LiquidChar into soil)
	Flowers and Plants	1 gallon direct application for 10 large potted plants or 50 small potted plants
	Compost	1 gallon every 2 cu. yards