NUTRAVAIL

NET CONTENTS: 1GAL (3.78L)

LIQUID SOIL AMENDMENT

CONTAINS SOIL AMENDING NON-PLANT FOOD INGREDIENTS

Guaranteed Analysis - Soil Amending Ingredients

Active Ingredients:

Bacillus amyloliquefaciens $1.0x10^8$ CFU/mL.....0.6%

Bacillus velezensis $1.0x10^8$ CFU/mL.....0.6%

Bacillus thuringiensis $1.0x10^8$ CFU/mL.....0.6%

Total Other (Inert) Ingredients:

Water-based culture medium.....96.2%

Benzyl alcohol.....2%

Net Weight: 8.33 lbs (3.78kg)

Density: 8.33 lbs/gal (1.00 g/cm^3) at 68°F

Purpose Statement: NUTRAVAIL is intended to improve soil nutrient conditions and the soil microbiome.

Directions for Use:

Seed Treatment: Agitate the product thoroughly before opening. Accurately measure and apply the recommended dosage uniformly to the desired seeds. Mix until all seeds are thoroughly coated. Allow seeds to dry prior to handling or planting. Plant seeds within 210 days after treatment. If not planted within 210 days retreat seed. Avoid storing treated seeds in the sun or high temperature.

In Furrow: Agitate the product thoroughly before opening. Accurately measure and add the recommended dosage to sufficient amount of non-chlorinated clean water in appropriate In Furrow equipment tank. Apply product in furrow into the seed trench during planting.

Broadcast / Foliar Application: Agitate the product thoroughly before opening. Accurately measure and add the recommended dosage to sufficient amount of non-chlorinated clean water in application tank to achieve the desired coverage.

Ratoon cutting Application: Agitate the product thoroughly before opening. Accurately measure and add the recommended dosage to sufficient amount of non-chlorinated clean water in application tank to achieve the desired coverage. Direct application to the ratoon using a ratoon cutting disc: it must be applied close to the sugarcane billets in the planting furrow.

Spray Volume Requirements:

Ground and Self-Propelled Applications: Apply a minimum spray volume of 5.0 gallons per acre.

Aerial Applications (Agricultural Aircraft): Apply a minimum spray volume of 3.0 gallons per acre.

Tank-mixing: When tank-mixed with chemical products or fertilizers, check compatibility by doing a jar test before. Apply within 24 hours after the mix preparation.

Guaranteed By:
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FLORIDA LICENSE No: F003682

FOR MORE INFORMATION:

EM81223 | 11/25 | US-V2

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Dosage Chart:

CROP / Application USE	Seed treatment	In-furrow	Broadcast / Foliar application	Ratoon cutting
Barley (*Hordeum vulgare*)	3.1 fl oz per cwt of seeds	2.74 fl oz/ac	4.0 fl oz/ac	-
Beans (*Phaseolus vulgaris*)	3.1 fl oz per cwt of seeds	2.74 fl oz/ac	4.0 fl oz/ac	-
Canola (*Brassica napus*)	3.1 fl oz per cwt of seeds	2.74 fl oz/ac	4.0 fl oz/ac	-
Corn (*Zea mays*)	3.1 fl oz per cwt of seeds or 1.3 fl oz per seed unit*	2.74 fl oz/ac	4.0 fl oz/ac	-
Cotton (*Gossypium hirsutum* L.)	3.1 fl oz per cwt of seeds or 1.6 fl oz per seed unit**	2.74 fl oz/ac	4.0 fl oz/ac	-
Oats (*Avena sativa* L.)	3.1 fl oz per cwt of seeds	2.74 fl oz/ac	4.0 fl oz/ac	-
Peanut (*Arachis hypogaea*)	3.1 fl oz per cwt of seeds	2.74 fl oz/ac	4.0 fl oz/ac	-
Potato (*Solanum tuberosum*)	-	4.1 – 5.5 fl oz/ac	7.0 fl oz/ac	-
Pastures	0.5 fl oz/ per pound of seed	2.74 fl oz/ac	4.0 fl oz/ac	
Pulses	3.1 fl oz per cwt of seeds	2.74 fl oz/ac	4.0 fl oz/ac	-
Rice (*Oryza sativa*)	3.1 fl oz per cwt of seeds	2.74 fl oz/ac	4.0 fl oz/ac	-
Rye (*Secale cereale*)	3.1 fl oz per cwt of seeds	2.74 fl oz/ac	4.0 fl oz/ac	-
Sorghum (*Sorghum bicolor* L.)	3.1 fl oz per cwt of seeds	2.74 fl oz/ac	4.0 fl oz/ac	-
Soybean (*Glycine max*)	3.1 fl oz per cwt of seeds or 1.9 fl oz per seed unit***	2.74 fl oz/ac	4.0 fl oz/ac	-
Sugarcane (*Saccharum officinarum*)	-	7.0 fl oz/ac	7.0 - 14.0 fl oz/ac	7.0 fl oz/ac
Wheat (*Triticum aestivum* L.)	3.1 fl oz per cwt of seeds	2.74 fl oz/ac	4.0 fl oz/ac	-

*seed unit of corn: 80,000 seeds / **seed unit of cotton: 230,000 seeds / ***seed unit of soybean: 140,000 seeds

Storage and Disposal: Use before expiration date. Store packages on designated pallets. Do not store close to food for humans or animals. Always keep the package in a covered, ventilated place, protected from light at room temperature (15°C - 25°C or 59°F - 75°F). Do not expose the product or treated seeds to the sun, including during transport. Keep the package closed until use. Use all contents after opening the package do not store and use leftovers. If empty, offer for recycling, if available, or discard contents according to local ordinances.

Limitations of Use: Unsuitable for direct ingestion by human or animal. Exclusively for agricultural use. Use under the consultation of a licensed agronomist.

Warning: Read and follow all the instructions on label and packaging. This is a biological product, therefore, variations of color and odor from one batch to another are expected. The manufacturer guarantees the product quality but does not assume the risks and damages for inappropriate application, storage and/or transport.

This product contains live micro-organisms and may cause adverse effects to persons with a compromised immune system. Avoid contact with eyes, mouth, and broken skin. Do not inhale product. Wear eye and skin protection when handling. Wash hands after using.

MANUFACTURING DATE, EXPIRY DATE, and BATCH Number: SEE PRINT ON PACKAGING.

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