

MONTY'S LIQUID CARBON & AGRI-SWEET FG

COMBINING STRENGTHS TO ADDRESS DROUGHT ISSUES

The synergistic effects of Monty's activated Humics and unique Sugars will help you address issues caused from drought conditions. Consider the benefits:

- ✓ Improved water use efficiency and drought resistance
- ✓ Reduced compaction opening channels for the roots to penetrate
- ✓ More moisture held in soil due to high CEC
- ✓ Enhanced soil fertility and nutrient availability
- ✓ Improved root growth and nutrient uptake
- ✓ Enhanced plant growth and stress tolerance
- ✓ Promotion of soil biological activity and microbial diversity
- ✓ Formation of stable soil aggregates and enhanced soil structure
- ✓ Reduction of nutrient leaching and soil erosion

Talk to your Monty's representative today about how combining Monty's Liquid Carbon and Agri-Sweet FG to your program can help address compaction issues. Monty's ... Healthier soils. Healthier crops. Higher ROI!



Powered By

**MONTY'S
ACTIVATED
HUMIC TECHNOLOGY**



Studies have shown the application of humics and sugar show a yield increase of 20% and require up to 20% less irrigation water while maintaining yields during drought conditions.



STUDIES HAVE SHOWN...

DROUGHT RESISTANCE: Crops treated with humic acid & sugars require **up to 20% less** irrigation water while maintaining yields during drought conditions.⁸

ACCELERATED SEED GERMINATION: Seeds treated with humic acid & sugars showed **up to a 15% increase** in germination rates compared to untreated seeds.⁷

ENHANCED DISEASE RESISTANCE: Crops treated with humic acid and sugars display **up to 50%** higher resistance to diseases.⁸

YIELD INCREASE: **Up to 20%** when using humic acid & sugars as soil amendment!¹

IMPROVED FARM PROFITABILITY: Farms adopting humic acid & sugars witness an average **increase in net profits ranging from 25% to 35%** due to improved yields and reduced input costs.¹⁰



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COMBINING STRENGTHS TO ADDRESS DROUGHT ISSUES

MONTY'S LIQUID CARBON is a soil conditioner designed to reduce soil compaction and improve overall soil health. It can be easily applied all year round, especially during pre-chemical application or burn down. Liquid Carbon enhances micronutrient uptake and breakdown of plant residue. Improve the health and vitality of your soil and maximize your yields with Monty's Liquid Carbon (MLC).

ACTIVE INGREDIENTS

Soil amending ingredients:

Humic Acids*2%

Derived from Brown Coal

APPLICATION RATES

GENERAL: Apply at varying rates depending on purpose or desired result. For general soil conditioning, apply 2 quarts per acre directly to soil in fall and early spring. May also be applied at the same rate at pre-plant, planting, or for Residue Management. Apply 1 quart per acre when foliar applying with liquid nitrogen or other fertility products.

HIGH-YIELD: Apply in-furrow, 2x2, or Y-drop at a rate of 1-2 gallons per acre directly to soil in fall and early spring. Monty's high-yield program can vary for crops, application rates and timing. If you are interested in a high-yield program, contact your Monty's representative.

AGRI-SWEET FG can be used for any application where you are currently using molasses or sugar.

ACTIVE INGREDIENTS

Soil amending active ingredients:

Fructose 24%

Glucose.....31%

Derived from Corn Starch

APPLICATION RATES

GENERAL: Mix 2-4 quarts in a minimum of 15 gallons of water per acre. For crop specific application information, contact your representative. **HIGH-YIELD:** Apply in-furrow, 2x2, or Y-drop at a rate of 2-4 gallons per acre. Monty's high-yield program can vary for crops, application rates and timing. If you are interested in a high-yield program, contact your Monty's representative.

** Monty's uses only the HPTA Method for determining our humic and fulvic acids levels (ISO 19822). Other manufacturers may use less reliable methods. Ask your Monty's representative for more information.*

Available in 2.5, 30, 275 gallon—and bulk sizes. Please check with your dealer for availability and application rates or visit www.montysplantfood.com.

ADDITIONAL STUDIES

SOIL CARBON SEQUESTRATION: The application of humic acid & sugars leads to an **average increase of 20%** in soil organic carbon levels, aiding in carbon sequestration.³

INCREASED EXTENDED PLANT DEVELOPMENT:

Crops treated with humic acid & sugars exhibit a **15% to 30% increase** in plant development (shelf life), minimizing post-harvest losses.⁵

ENHANCED NUTRIENT AVAILABILITY: The application of humic acid with sugars can increase the availability of essential nutrients by **up to 35%**, promoting healthier plant growth.⁹

IMPROVED NUTRIENT RETENTION: Soils treated with humic acid & sugars showed a **25% increase** in nutrient retention capacity, reducing nutrient leaching and runoff.⁴

COST SAVINGS: Farmers can achieve cost savings of **up to 30%** by integrating humic acid with sugars into their farming practices due to reduced reliance on synthetic fertilizers and pesticides.²

1. DOI: 10.1016/j.agee.2021.107517 2. University of Nebraska-Lincoln (Source: UNL CropWatch) 3. Journal Soil Biology and Biochemistry (DOI: 10.1016/j.soilbio.2017.10.007) 4. Geoderma (DOI: 10.1016/j.geoderma.2016.11.004) 5. USDA (Source: USDA Agricultural Research Service). 6. Phytopathology (DOI: 10.1094/PHYTO-11-17-0355-R) 7. Journal of Plant Nutrition (DOI: 10.1080/01904167.2019.1696935). 8. International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) (Source: ICRISAT Research Highlights). 9. The Journal of Agricultural Science and Technology (DOI: 10.1016/j.agrformet.2018.06.008). 10. Food and Agriculture Organization of the United Nations (FAO) (Source: FAO Sustainable Agriculture)

For more information contact your Monty's representative, visit montysplantfood.com, or call 800-978-6342.



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