

# MONTY'S LIQUID CARBON & AGRI-SWEET FG

## COMBINING STRENGTHS FOR SUCCESS

Revitalize your soils and energize your crops with the synergistic effect of Humic Acid and Sugars. Benefits include:

- ✓ Enhanced soil fertility and nutrient availability
- ✓ Improved root growth and nutrient uptake
- ✓ More moisture held in soil due to high CEC
- ✓ Enhanced plant growth and stress tolerance
- ✓ Regulation of gene expression related to photosynthesis and hormone metabolism
- ✓ Improved water use efficiency and drought resistance
- ✓ Promotion of soil biological activity and microbial diversity
- ✓ Formation of stable soil aggregates and enhanced soil structure
- ✓ Reduction of nutrient leaching and soil erosion
- ✓ Overall improvement in crop yield and agricultural sustainability

Talk to your Monty's representative today about how combining Monty's Liquid Carbon and Agri-Sweet FG to your program can help you be more successful this season. Monty's ... Healthier soils. Healthier crops. Higher ROI!

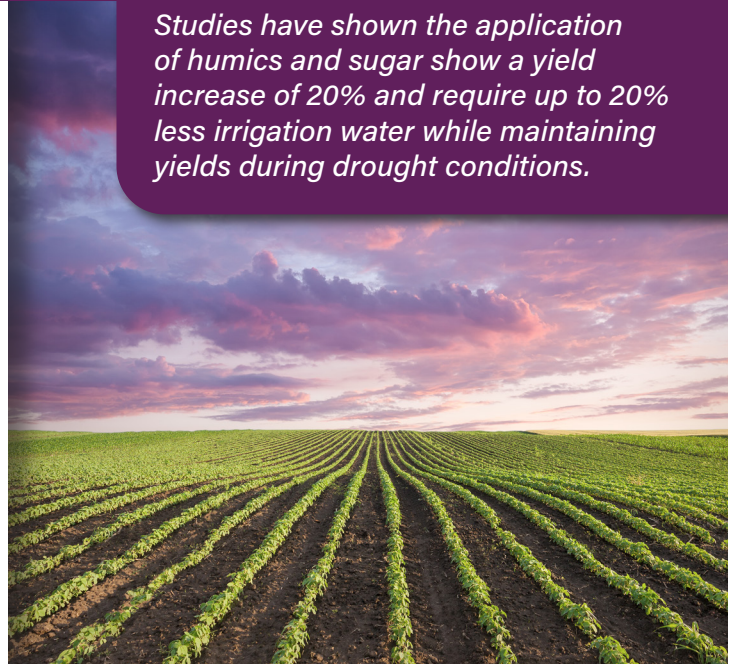


Powered By

**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.<sup>8</sup>

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

**ENHANCED DISEASE RESISTANCE:** Crops treated with humic acid and sugars display **up to 50%** higher resistance to diseases.<sup>9</sup>

**YIELD INCREASE:** **Up to 20%** when using humic acid & sugars as soil amendment.<sup>1</sup>

**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.<sup>10</sup>



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# COMBINING STRENGTHS FOR SUCCESS

**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](http://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.<sup>3</sup>

## INCREASED EXTENDED PLANT SHELF LIFE:

Crops treated with humic acid & sugars exhibit a **15% to 30% increase** in shelf life, minimizing post-harvest losses.<sup>5</sup>

**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.<sup>9</sup>

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

**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.<sup>2</sup>

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](http://montysplantfood.com), or call 800-978-6342.



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