

# MONTY'S WHEAT PROGRAM

## SUCCESS STARTS WITH MONTY'S PROVEN 3-STEP PROCESS

Wheat can be more profitable if you manage your program effectively...

- A successful wheat program is directly related to the number of tillers on the wheat plant, which starts at planting.
- The number of tillers the plant sets is determined during the first 60 days of growth.
- Following Monty's 3-Step Program has proven over the last 8 years to show a consistent increase in healthier plants and higher ROI.
- The foundation of this program is Monty's Liquid Carbon (activated humics), Agri-Sweet FG (refined sugar) and Monty's starter (Premium Blend or 9-24-3).

For more information, contact your  
Monty's representative, call 800.978.6342,  
or visit [montysplantfood.com](http://montysplantfood.com)

**WORKS GREAT WITH  
AERIAL APPLICATORS!**

INCLUDING DRONES



**TARGET PROBLEMS TODAY WITH  
MONTY'S PROVEN NUTRIENT SOLUTIONS**

**We use Monty's Liquid Carbon foliar on our  
wheat with our 28% UAN and get less burn.  
This gives us healthier plants with less stress.**

*Matt Stoller, Ohio Farmer*



**At Planting**



**With UAN Applications**



**With Fungicide & Insecticide**

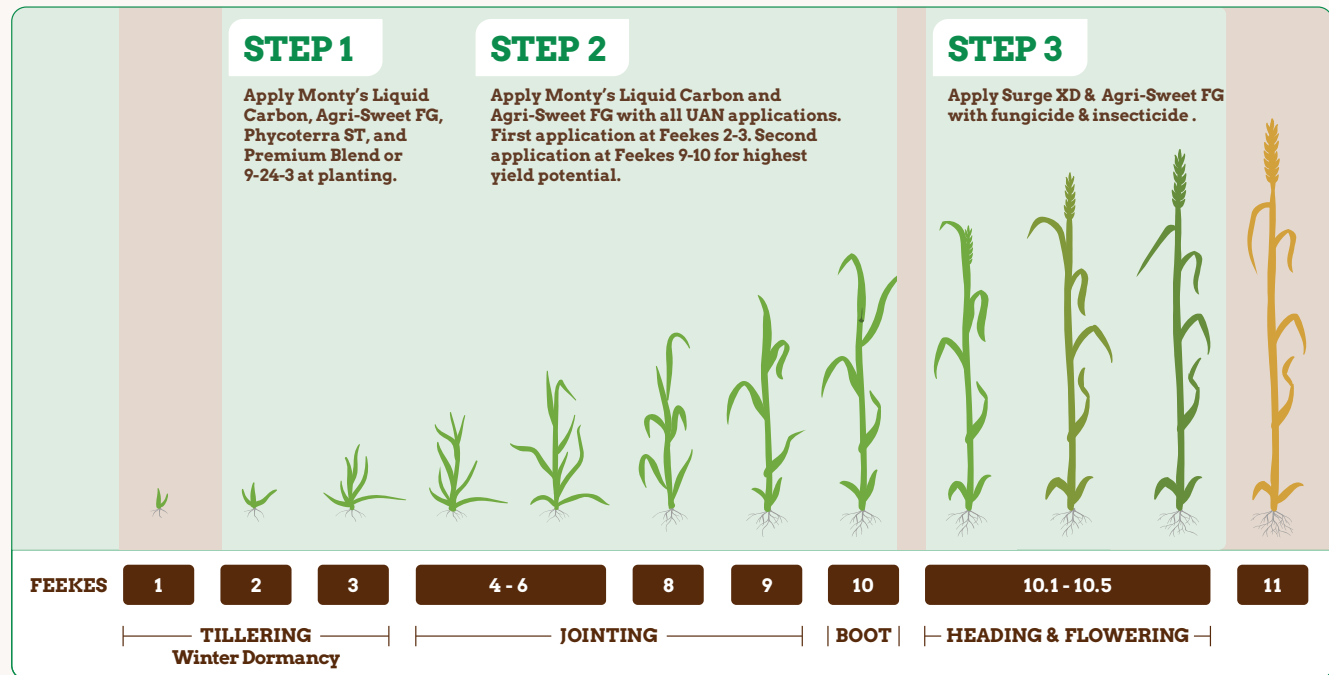
# Maximize the quality and quantity of your wheat crops with Monty's proven program

Monty's primary goal has always been to help farmers be more successful. We offer farmers high efficiency nutrient solutions – whether in-furrow starters, industry-leading humic-based soil conditioners, or foliar applied nutrient packages – designed to bring better root development, healthier plants, and ultimately higher wheat yields!

**Monty's: Trusted advisors. Proven solutions.**

## WHEN DO I APPLY MONTY'S PROGRAM?

Timing makes all the difference when it comes to the most successful wheat yields! Applying Monty's products throughout the growing season can have positive effects all season... right up to harvest! The key to success is Monty's activated humic technology!



## PROVEN SOLUTIONS FOR YOUR BEST WHEAT SEASON YET

Monty's Liquid Carbon is a soil conditioner processed using Monty's patented, activated humic technology, designed to improve the health and vitality of your soil and plants while maximizing your yields. It is easily applied during burn down, and is tank-mix flexible.



Premium Blend is a 100% orthophosphate pop-up designed to get the seed out of the ground quickly to maximize a plant's development.



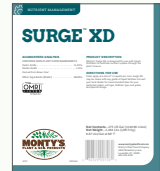
9-24-3 is made with urea, ammonium polyphosphate, diammonium phosphate, dipotassium phosphate, and iron EDTA. It can be applied in-furrow, 2x2, foliar or y-drop. As an alternative formula with Ammonium Thiosulfate, 9-24-3 1S is available.



Agri-Sweet FG can be used for any application where you are currently using molasses or sugar – without the nozzle problems caused by other sugars!



Surge XD is a unique form of humics and fulvics, designed for use with liquid fertilizers to facilitate nutrient uptake through the plant tissues.



Phycoterra® ST is used to supercharge the seed and the immediate soil microbiome around the seed by adding a high-quality carbon source to the coating.



**Phycoterra® ST**

Phycoterra ST is a registered trademark of Heliae Development, LLC



## STEP 1: AT PLANTING

Apply Monty's Liquid Carbon, Agri-Sweet FG, and Premium Blend or 9-24-3, and PhycoTerra ST to increase germination, stamina, and tillering.

- Seed treatment with PhycoTerra improves germination
- Improve soil health and release nutrients
- Will feed the microbial population
- Increase tiller development and root mass
- This combination of products works synergistically to get the plant off to a great start.

*Apply 3 gallons per acre of either Premium Blend or 9-24-3, 2 quarts per acre of Monty's Liquid Carbon and Agri-Sweet FG, and 2 ounces/100 lbs per acre of PhycoTerra ST.*



**A successful harvest depends on Monty's trusted advisors and proven solutions!**



## STEP 2: WITH ALL UAN APPLICATIONS

Apply Monty's Liquid Carbon and Agri-Sweet FG with each split application of Nitrogen between (1) coming out of winter tiller development and (2) between flag leaf and jointing, to provide additional yield advantage.

- Buffers the salt from the Nitrogen, preventing burn
- Increases efficiency of UAN by stabilizing it in the soil
- Increases the plants' uptake of Nitrogen
- Both products work synergistically to improve their efficiency in plant development

*Apply 2 quarts per acre of both Monty's Liquid Carbon and Agri-Sweet FG.*



**Left: 26 gallons of 28% UAN applied with normal burn to leaves. Right: 26 gallons of 28% UAN with 1 quart/acre of Monty's Liquid Carbon, no burn.**



## STEP 3: WITH FUNGICIDE & INSECTICIDE APPLICATIONS

Applying Monty's program at head emergence and development is critical to achieving and protecting high-yielding wheat. Applying with fungicides and insecticides is the most efficient timing.

- Applications during jointing or heading help to maximize yield potential
- The addition of Surge XD helps to drive nutrients into the plant for increased plant development
- Agri-Sweet FG provides energy to the plant entering reproductive stage
- Both products work synergistically to improve their efficiency in yield performance

*Apply 2 quarts per acre of both Surge XD and Agri-Sweet FG.*



**Monty's products can easily be applied via aerial application of fungicides and pesticides.**

**WORKS GREAT WITH  
AERIAL APPLICATORS!**  
INCLUDING DRONES

## THE PROOF IS IN THE FIELD TRIAL RESULTS!

NC State University has conducted trials showing how wheat can be more profitable when using Monty's Liquid Carbon at planting and with Nitrogen applications. For more information about these trials, contact your Monty's representative.

### Multi-Year Results



Chart indicates the difference in bushels when MLC was applied. NC State University trials showed an increase of more than 16 bushel.

### Tiller Counts At Harvest

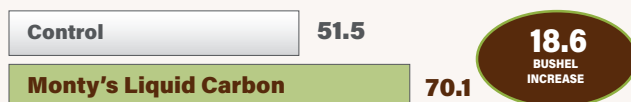
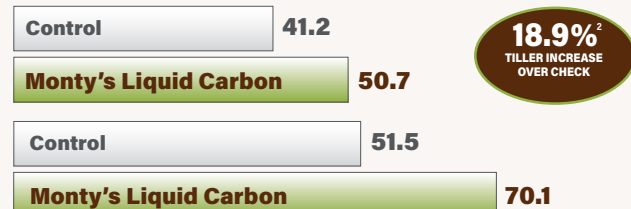


Chart indicates the difference in tillers when MLC was applied at planting. NC State University Trials show a tiller increase of 18.6%.

### Tiller Counts At Harvest



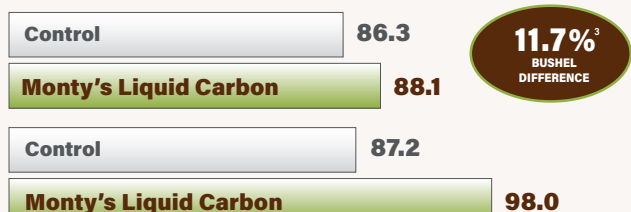
<sup>2</sup> Percentage increase difference: Control (51.5) vs 9-18-9 application (70.1)

### Nitrogen Use Efficiency



Chart indicates the difference in bushels when MLC was applied with UAN. NC State University trials showed an increase of 18 Bushel.

### Yield Per Acre (Bushels)



<sup>3</sup> Difference between the check (86.3) and the highest bushel yield (98.0).

**Note:** Tissue testing throughout the season will reveal issues that need to be addressed. Monty's has a variety of products that are designed to help address those issues, including K28, Microhance, and Sulfur 15.

## BEHIND MONTY'S TRIAL DATA

The trials performed by Dr. Ron Heiniger, NC State University, have shown great results for many years.



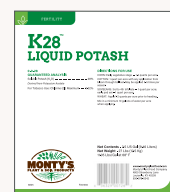
Dr. Heiniger received a Ph.D in Crop Ecology and Simulation Modeling from Kansas State University in 1994. He has received the Gerald O. Mott Meritorious Research Award from the Crop Science Society of America for modeling grain fill in sorghum. Dr. Heiniger's applied research programs in the areas of precision agriculture and remote sensing at North Carolina State University have received national recognition. In addition to his research work, Dr. Heiniger is the Corn Extension Specialist for North Carolina. Dr. Heiniger has been performing trials with Monty's products for more than ten years.

“Data over 5 years shows the investment of Monty's Liquid Carbon maximizes wheat tiller development leading to yield increases of 10 bushels or more. The difference between making money or not!”

DR. RON HEINIGER, NORTH CAROLINA STATE UNIVERSITY CROP SCIENCE DEPARTMENT

## Enhance your wheat yields further by applying other quality Monty's products

K28™ Liquid Potash is a liquid form of potash designed to be a supplement for potassium deficient plants. Monty's nearly pH balanced formula can be applied 2x2 at planting and safely added to nitrogen solutions as well as most herbicides and fungicides for foliar application.



Microhance® offers a unique blend of Monty's technology designed to provide nutrients to the plant at any stage of growth, helping maximize the plant's yield potential.



Sulfur 15™ is an 8-0-0 foliar fertilizer with 15% sulfur. Sulfur activates the enzyme and hormone systems for plant growth. Sulfur 15 is easy to mix, simple to use, and readily available.



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