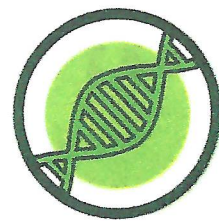
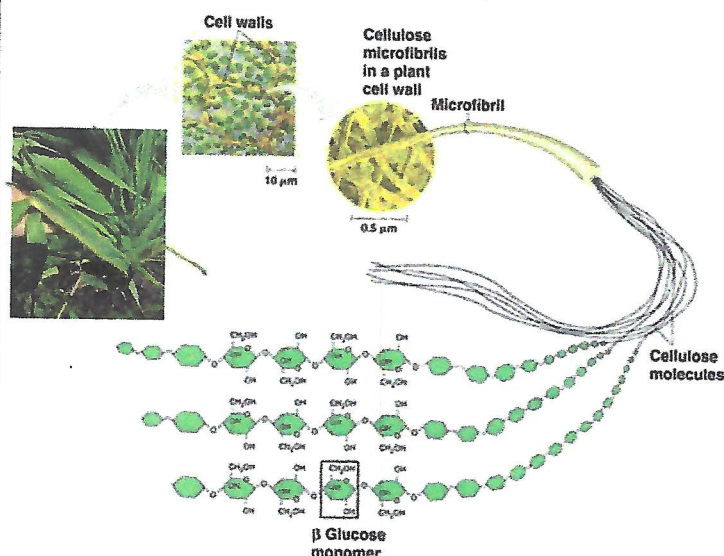


# Carbon Cycle®



## Do you have challenges managing crop residue?

Carbon Cycle® provides a high quality, environmentally sound, and cost-effective solution to help you manage corn stalks, wheat, rye, and barley straw, and other high carbon residues. Carbon Cycle® increases nutrient availability and efficiency by shortening the carbon cycle and returning nutrients trapped in residue to the soil where they can be used by crops. Faster residue breakdown insures easier planting in the spring and more uniform emergence. The specially formulated aggressive microbial package has been refined over the past five years and is now patented. No other residue product is like Carbon Cycle®

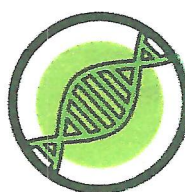


## Why, and where do you need Carbon Cycle?

- Low Soil pH (<6) is slow to break down stalks
- Low Organic matter soils -- <1.5% support fewer microbes
- Coarse Sandy Soils are slow to provide nitrogen and microbes
- Drought or saturated soils reduce microbe populations
- Low nutrient levels slow microbial growth
- Low temperatures < 50F slow microbes
- Reduced tillage fields have more residue
- High residue crops produce more carbon
- Naturally low microbial populations

## Mixing Instructions:

1. Fill sprayer with half of the water required for the application.
2. Open recirculation valve and start agitation
3. Add Carbon Cycle
4. Add tank mix partner
5. Add drift control



**Midwest Biologix**  
The Bio-Logical Choice

For more information visit [www.PlanetEarthAgronomy.com](http://www.PlanetEarthAgronomy.com)



# Carbon Cycle®

Patented Technology

Always follow directions. For improved activity you can add Complement™ or Premium Six™ carbon food source and moisture attractants to Carbon Cycle® applications.

What makes Carbon Cycle® special?

Treatments	Rates	Corn Residue BIO-RELEASE (% Reduction – 3 Rep Means)	GMO Corn Residue BIO- RELEASE (% Reduction – 3 Rep Means)	Soybean Residue BIO- RELEASE (% Reduction – 3 Rep Means)	Hay Grass Residue BIO- RELEASE (% Reduction – 3 Rep Means)	Wheat Straw Residue BIO- RELEASE (% Reduction – 3 Rep Means)
Untreated Control (Water Only)	Untreated plot	9.8 (f)	6.5 (f)	13.2 (e)	10.4 (f)	10.3 (f)
6% UAN	UAN at 3.5 G/acre	19 (e)	18.7 (e)	19.9 (d)	22.4 (e)	19.8 (e)
Humic Acid 20 +S	2 quarts/acre	26.3 (d)	22.5 (d)	21.9 (d)	25.3 (d)	25.6 (d)
Residue Bacteria	2 quarts/acre	33.3 (c)	34.3 (c)	29.8 (c)	32.4 (c)	34.7 (c)
Treatment "A"	BIO-RELEASE BLEND 1 qt/acre	43.2 (b)	41.8 (b)	38.8 (b)	41.2 (b)	40.9 (b)
Treatment "B"	<b>Carbon Cycle</b> <b>12.8oz/ac</b>	<b>52.8 (a)</b>	<b>51.6 (a)</b>	<b>48.9 (a)</b>	<b>50.8 (a)</b>	<b>54.9 (a)</b>

Auburn University 2018

Carbon Cycle significantly improved the breakdown of crop residue, shortening the the time to convert carbon to usable energy for plants and freeing nutrients trapped in the cellulose and immobilized. Bio-Release is the same microbial consortium as Carbon Cycle but does not contain the patented formulation chemistry.



## Application Rate and Timing

720 billion microbes per acre applied to crop residue prior to or following tillage.

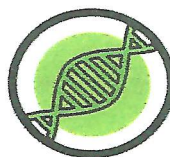
### It mixes well with:

Herbicides, insecticides, fungicides, plant nutrients, micronutrients except copper at high rates.

### It Does Not Mix With:

Anhydrous ammonia, Acids such as sulfuric or phosphoric below a pH of 1 and certain nitrification inhibitors containing nitrapyrin.

\*See label for specific rates by application type for varying identified deficiencies.  
NL = Not on label. Consult your Nutrifactants advisor prior to use.



**Midwest Biologix**  
The Bio-Logical Choice