

**Wheat. (*Triticum aestivum*).**  
 Application of CarboMaxx  
 Yield Increase

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### Application of CarboMaxx Enhances Wheat Yields, 2013.

A study was conducted to evaluate the effects of CarboMaxx application in Winter Wheat. The trial was established near Columbia, North Carolina. CarboMaxx was applied at 2 qt/A as a preplant treatment on October 5th, 2012. The soil type was a mineral-based soil but did have 2% organic matter content. After application, the field was lightly tilled with a field cultivator. The wheat was planted on November 15<sup>th</sup>, and the wheat was harvested on June 16<sup>th</sup>, 2013.

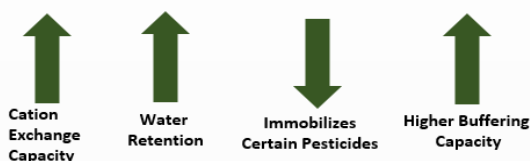
CarboMaxx is a highly concentrated liquid carbon soil conditioner containing humic and fulvic acids. CarboMaxx is designed for direct field applications, injection into irrigation systems or an addition to liquid fertilizer starter solutions. CarboMaxx has shown to raise soil CEC 20% when applied at 2qt/acre. CarboMaxx can be used on any crop including winter wheat. CarboMaxx improves nutrient availability and efficiency, and assists in breaking down of crop residue. CarboMaxx can be applied directly to soil or crop residue.

At harvest, the CarboMaxx plot had a yield of 77.6 bu/A while the untreated was only 68.6 bu/A. In this trial the Cation Exchange Capacity (CEC) at application was 8.6. At 100 days after application (DAT), CarboMaxx increased the CEC by 1.4 from 8.6 to 10 while the untreated decreased CEC by 1.1. (See table below.)

Treatment	Yield at 13.5 %	CEC Pre Application	CEC 100 days after Application
Carbomaxx 2 Qt/A	77.60 bu/A	8.6	10
Untreated	68.61 bu/A	8.6	7.5

## Benefits of CarboMaxx

- Can Be Used in All crops
- Increases crop yield
- Increases permeability of plant membranes
- Increases the uptake of nutrients
- Enhances growth of soil microorganisms
- Activates biochemical processes in plants
- Stimulates and Increases root development
- Enhances phosphate utilization of plants
- Increases Cation exchange capacity
- Stimulates plant growth
- Improves overall plant growth
- Increases chlorophyll synthesis
- Improves seed germination
- Shown to raise soil CEC 20% with 2qt/acre



CARBOMAXX is a product of Coastal AgroBusiness, 3708 Evans Street, Greenville NC 27834