

## ***Field Test Results (Corn)-2014***

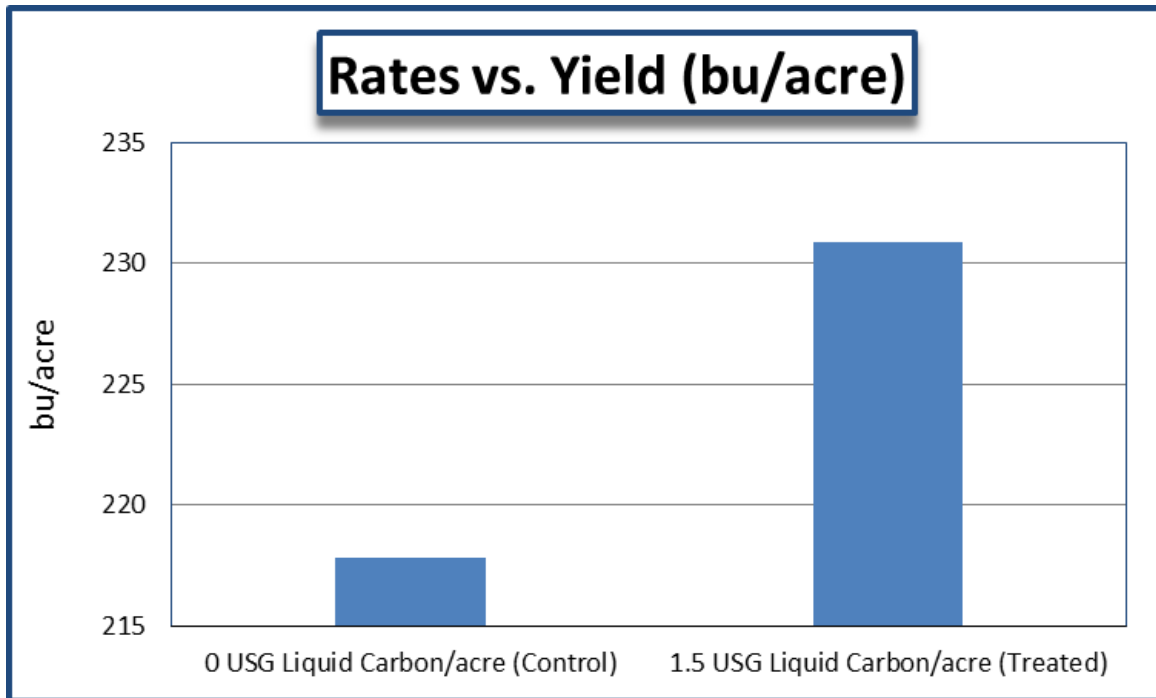


### ***CHI Liquid Carbon Increased Crop Production of Corn***

**Objective:** *To use organic matter (humic acids) to increase yield of corn*  
**Collaborator:** *Tranquility Agriculture, Brownsburg, Quebec, CANADA*  
**Period:** *May to October, 2014*  
**Tested product:** *CHI Liquid Carbon (source of humic acids)*  
**Tested crop:** *Corn of DK 34-47*  
**Location:** *Brownsburg, Quebec, CANADA*  
**Soil:** *Clayey soil, organic matter = 6.8%, pH = 5.0*  
**Test plots:** *3 acres*

### Design of Experiments

- Control: 3 tons/acre lime applied side banded before seeding; 75-80-80 lbs/acre N-P-K broadcasted before seeding; 3-10-1 lbs/acre liquid N-P-K applied in row seed place
- Treated: 3 tons/acre lime applied side banded before seeding; 75-80-80 lbs/acre N-P-K broadcasted before seeding; 3-10-1 lbs/acre liquid N-P-K + 1.5 USG/acre CHI-Liquid Carbon applied in row seed place
- Yield for each plot was measured (1 bushel = 60 lbs)



### Results

CHI Liquid Carbon at 1.5 USG/acre increased yields of corn by 6% from 217.8 to 230.9 bu/acre.

### Conclusions

The yield of corn was significantly increased by adding small amount of organic matter (humic acids). CHI-Liquid Carbon at 1.5 USG/acre was economical, practical, and compatible with most nutrients.