

## ***Field Test Results (Lettuce)-2011***



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

**Objective:** To use organic matter (humic acids) to increase the yield of lettuce

**Collaborator:** Eco Tiger, Ho Chi Minh City & Department of Agricultural and Rural Development, Lam Dong Province, VIETNAM

**Period:** June to July 2011

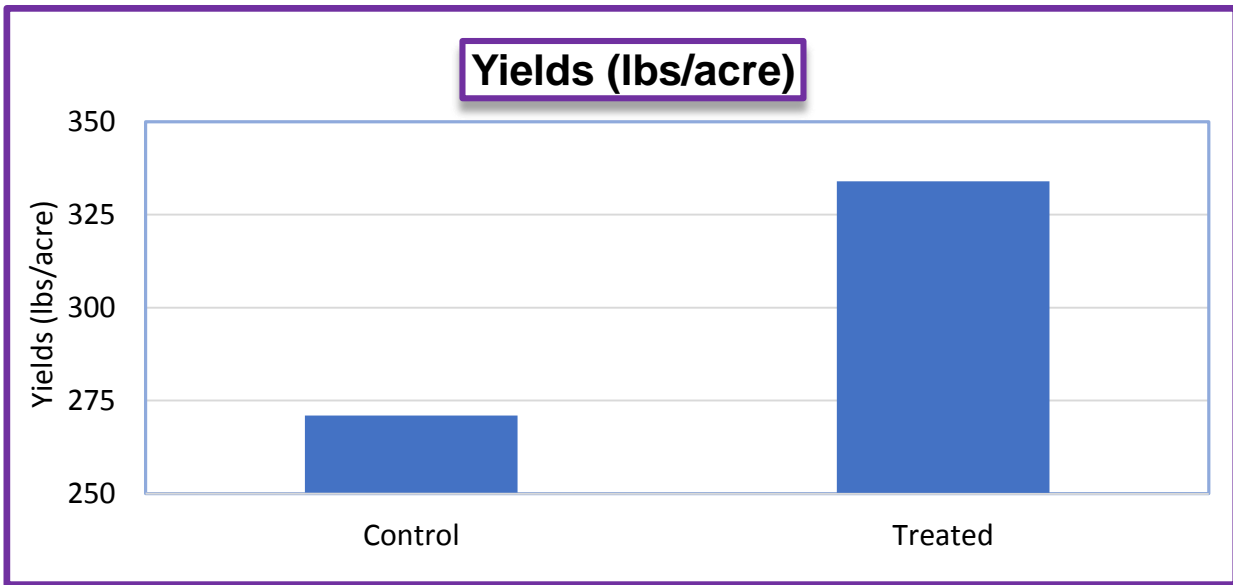
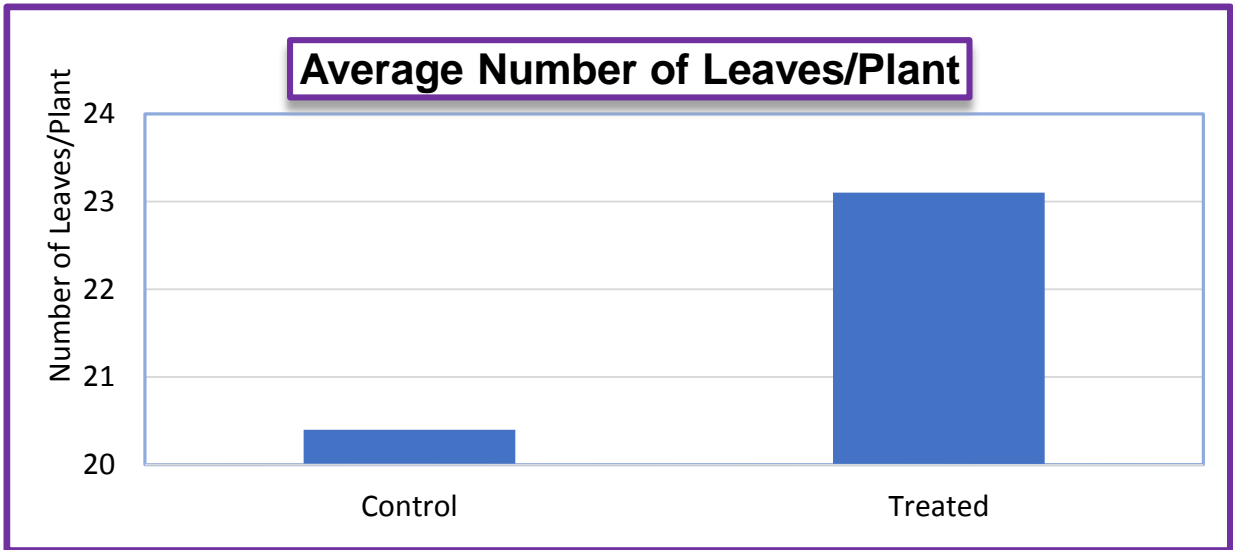
**Tested product:** CHI-Liquid Carbon (source of humic acids)

**Tested crop:** Lettuce (*Lactuca sativa*)

**Location:** Duc Trong District, VIETNAM

### **Design of Experiments**

- Control: 220-75-0 lbs NPK/acre (irrigated to soil)
- Treated: 220-75-0 lbs NPK/acre (irrigated to soil) + 1/6 USG/acre CHI-Liquid Carbon (applied foliar to plants 4 times after 5, 10, 15, and 20 days of planting, or 0.7 USG CHI-Liquid Carbon/acre in total)



**Results**

*The production of lettuce was significantly enhanced with the incorporation of humic into the fertilization program (220-75-0 lbs/acre NPK). CHI-Liquid Carbon at 0.7 USG/acre increased average numbers of leaves per plant from 20.4 to 23.1 (or 13% higher), and yields from 271 to 334 lbs/acre (or 23% higher) over control.*

**Conclusions**

*CHI-Liquid Carbon at 0.7 USG/acre significantly increased the yield of lettuce. This product was practical, economical, and compatible with most nutrients.*