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FIELD TEST RESULTS
COFFEE

2012

CHI LIQUID CARBON INCREASED CROP PRODUCTION OF COFFEE

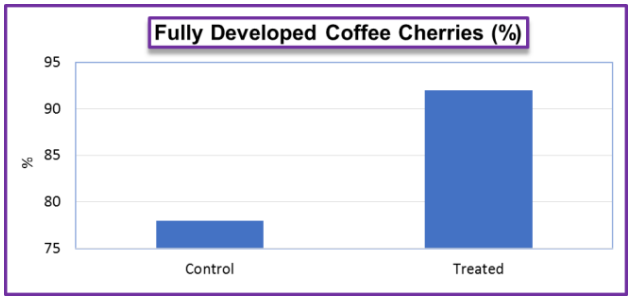
- **Objective:** To use organic matter (humic acids) to increase the yield of coffee
- **Collaborator:** Eco Tiger, Ho Chi Minh City & Department of Agricultural and Rural Development, Dak Lak Province, VIETNAM
- **Period:** December 2011 to December 2012
- **Tested products:** CHI-Liquid Carbon and CHI-Powder (source of humic acids)
- **Tested crop:** Robusta coffee
- **Location:** Cu Kuin District, VIETNAM

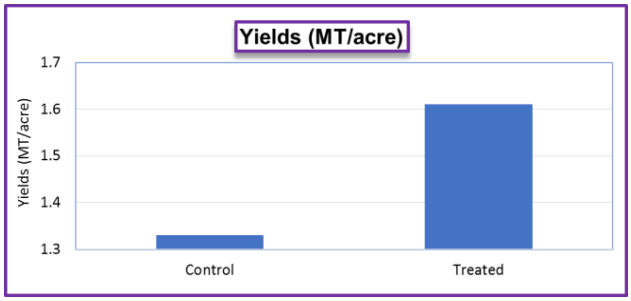
DESIGN OF EXPERIMENTS

- **Control:** 160-50-160 lbs NPK/acre (applied to soil twice)
- **Treated:** 160-50-160 lbs NPK/acre (applied to soil twice) + 560 lbs/acre CHI-Powder (applied to soil once) + 1 USG CHI-Liquid Carbon/acre (applied to plants once)

RESULTS

The application of humic acids in addition to 160-50-160 lbs NPK/acre enhanced the production of coffee. CHI-Powder at 560 lbs/acre and Liquid Carbon at 1 USG/acre increased fully developed cherries from 78 to 92%, and yields from 1.33 to 1.61 MT/acre (21% higher) over control.





CONCLUSIONS

CHI-Powder at 560 lbs/acre and Liquid Carbon at 1 USG/acre significantly increased the yield of coffee. These products were practical, economical, and compatible with most nutrients.