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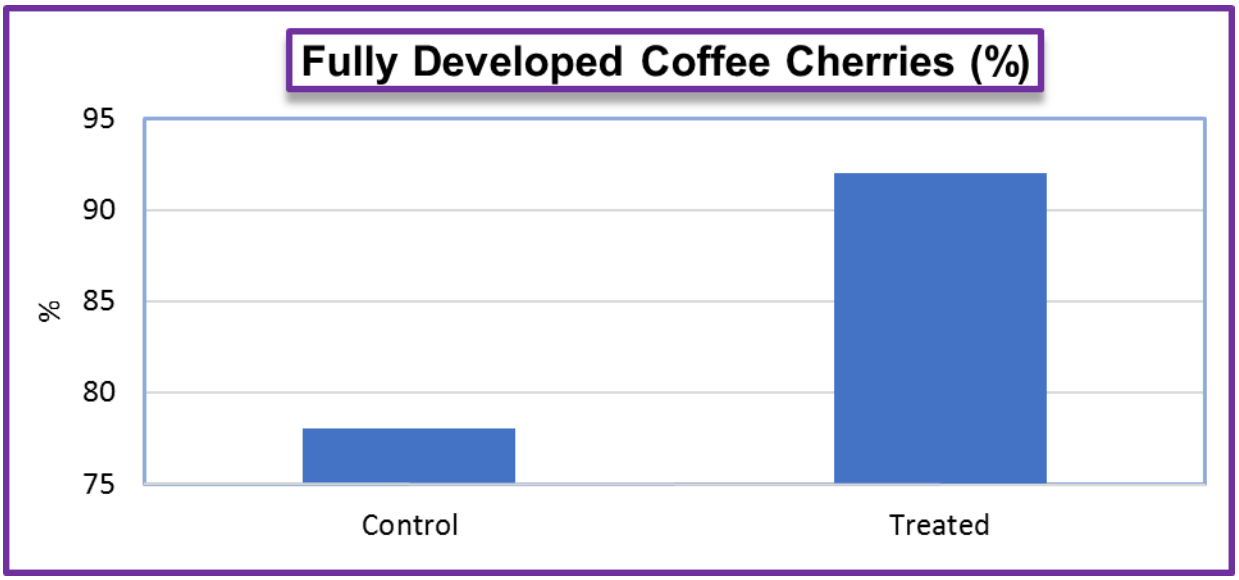
Field Test Results (Coffee)-2012

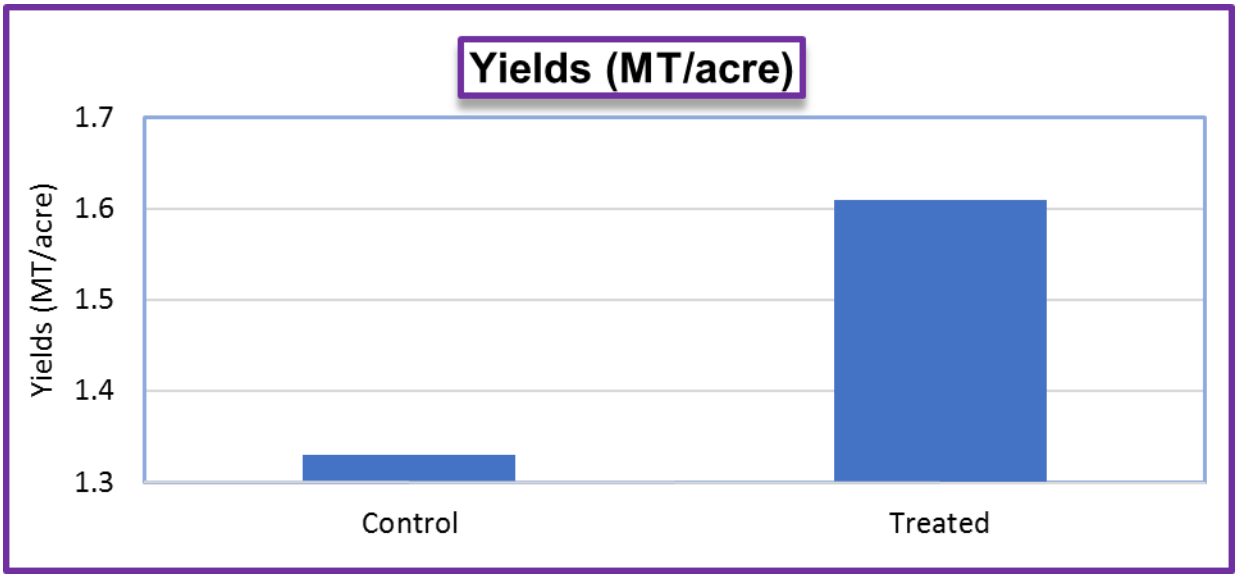
CHI Liquid Carbon Increased Crop Production of Coffee

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.