



Effect of C-Tech as a Foliar Treatment on Dry Beans

Unionville, MI

Experiment Info:

Planted:	5-23-2017
Harvest:	10-18-2017
Yield Goal:	
Target Fert.:	
Variety:	Zenith
Population:	
Row Width:	30"
Prev. Crop:	Corn
Plot Size:	6 acre
Replications:	1

Soil Test Values (ppm):

pH:
CEC:
%OM:
Bray P1:
Bicarb P:
K:
S:
%K:
%Mg:
%Ca:
%H:
Zn:
Mn:
B:

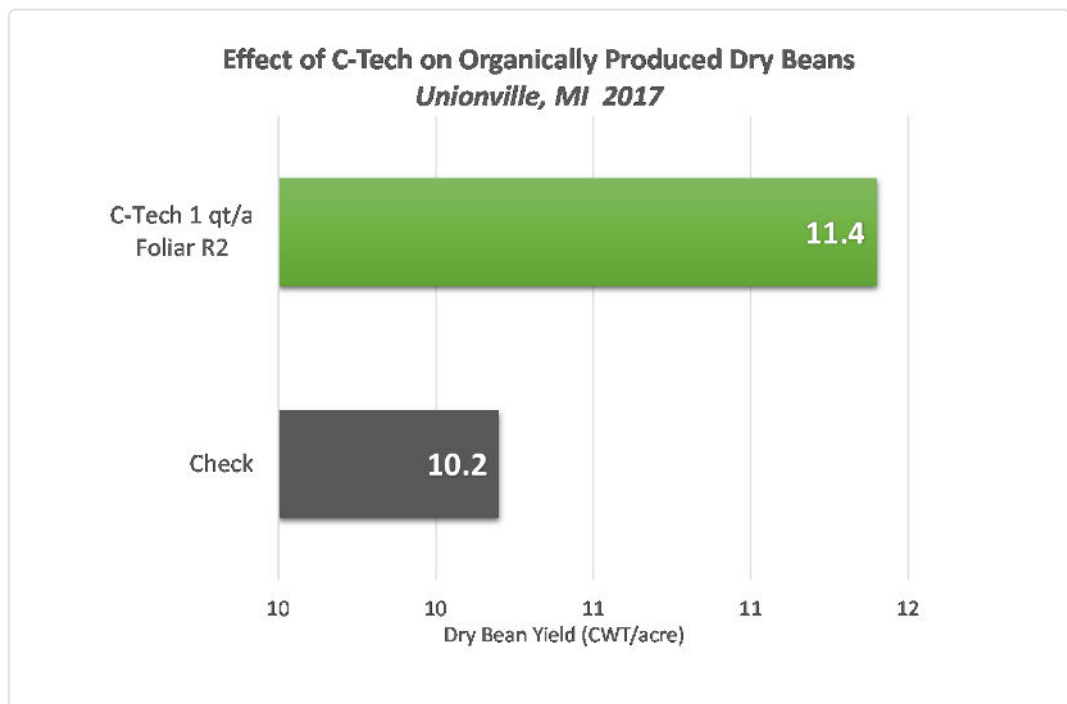
Objective:

Evaluate the effect of a foliar application of C-Tech on organically produced Black Turtle beans.

Crops grown under organic conditions and practices have increased in acreage over the past 20 years. However, there are few synthetic fertilizer products registered for use in organic crop production. C-Tech is a fulvic/humic acid source with a number of biological components that is OMRI certified for use in organic production.

This trial was initiated to evaluate the effect of a foliar application of C-Tech on Black Turtle bean, a type of dry edible bean, grown under organic production practices.

C-Tech was applied at 1 qt/A as a foliar treatment at the dry bean R2 growth stage.



Conclusions:

- The addition of C-Tech (1 qt/A) as a foliar treatment improved Black Turtle bean yield by 120 lb/A (+12%) compared to the no foliar check.

C-TECH provides an excellent option as an input for increasing yields in organic crop production.