



# Effect of C-Tech on Newly Planted Asparagus

Mears, MI

## Experiment Info:

Planted:	4/25/2017
Harvest:	
Yield Goal:	
Target Fert.:	
Variety:	
Population:	
Row Width:	36 inches
Prev. Crop:	
Plot Size:	5 acres
Replications:	

## Soil Test Values (ppm):

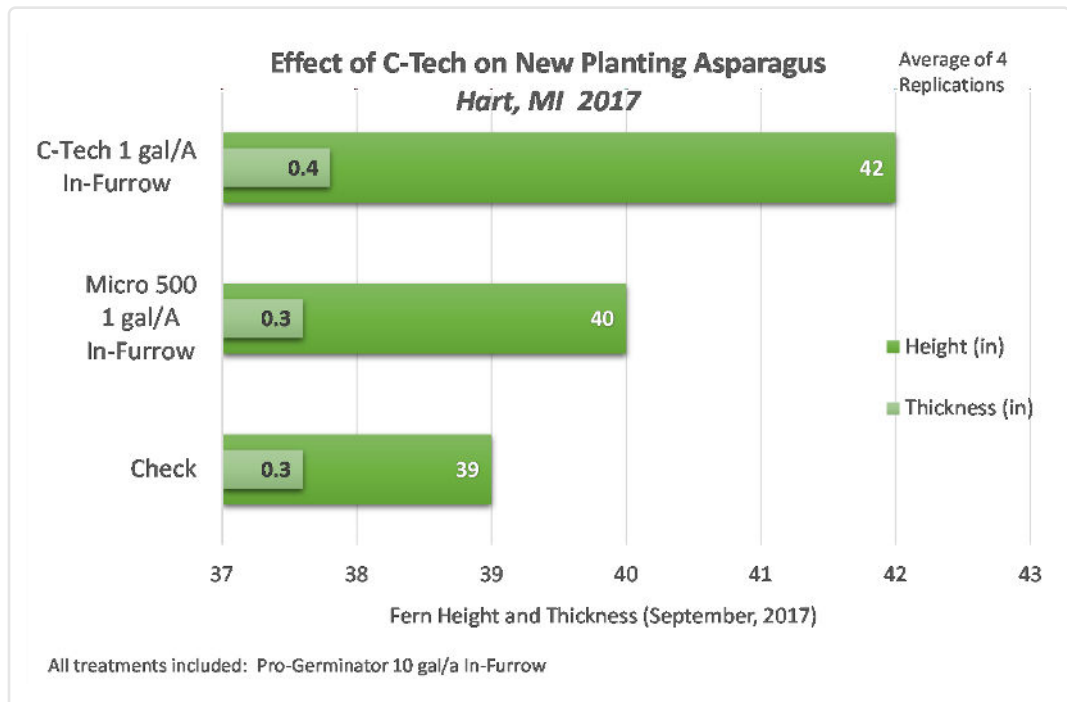
pH:	7.0
CEC:	4.1
%OM:	1.5
Bray P1:	33
Bicarb P:	
K:	139
S:	19
%K:	8.7
%Mg:	16.1
%Ca:	62.2
%H:	10.9
Zn:	0.9
Mn:	4
B:	0.3

## Objective:

Evaluate the effect of C-Tech or Micro 500 on the growth of newly planted asparagus. This trial was conducted near Mears, MI.

Asparagus is established from crowns planted 8 - 12 inches deep. Asparagus does not reach full production until 3 - 4 years after planting. Asparagus fields are usually fumigated prior to planting to eliminate soil born diseases. The fumigation process also eliminates many of the beneficial bacteria and fungi in the soil.

C-Tech or Micro 500 was applied at 1 gal/acre at planting in the spring of 2017. Asparagus crowns were planted 8 - 12" deep and the fertilizer was placed in the bottom of the furrow at planting. All plots received Pro-Germinator at 10 gal/A at planting. Plant height and stem thickness were measured in September of 2017. The trial will be followed for multiple years to determine the effect on plant growth and yield.



## Conclusions:

- C-Tech treated plants grew taller and had thicker stems than did plants treated with Micro 500 or no additional fertilizer. C-Tech improved the growth and stem thickness of newly planted asparagus.
- Micro 500 treated plants were slightly taller than, and had comparable stem thickness to plants in the control plots. Micro 500 did not influence asparagus growth as much as C-Tech did under these conditions.