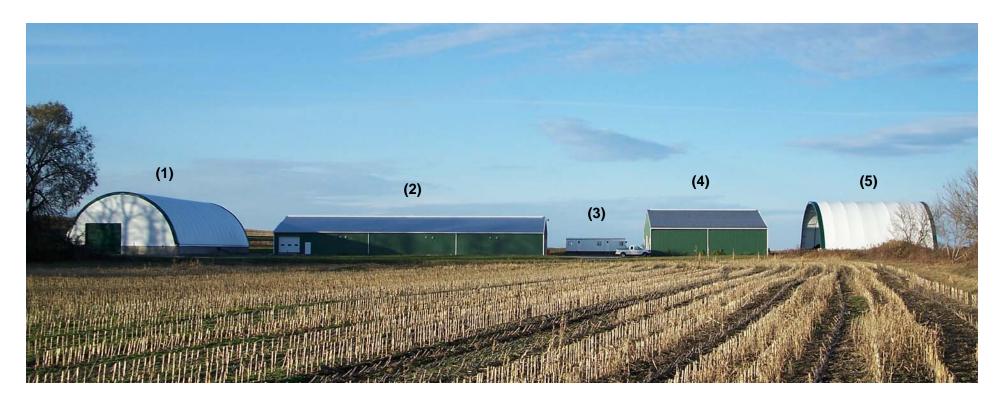
Appendix

Section A

Photo Sheets RT Solutions Vermicomposting Facility and Process



RT Solutions, LLC Vermicomposting Facility

(Left to Right)

- (1) Finished Product Processing Building
 - (2) Vermicomposting Building
 - (3) Office Trailer
 - (4) Composting Building
 - (5) Raw Feedstock Storage





On-site 1,000,000 gallon manure lagoon





Satellite 7,000,000 gallon manure lagoon

Coyne Farm Dairy (1,000 head dairy operation)







Manure Separator Facility - Separated dairy manure solids are put through the screw-press, collected and then transported approx. ½ mile to the vermicomposting facility.

Manure Separator Facility





Raw Storage Building

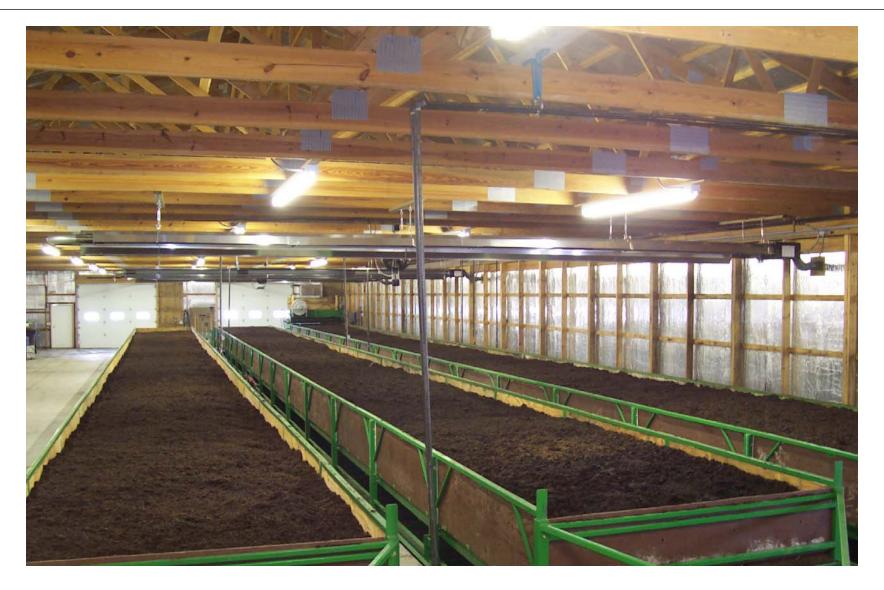
Feedstock material (separated dairy manure and off-spec silage) is delivered to and mixed in the raw storage collection building.





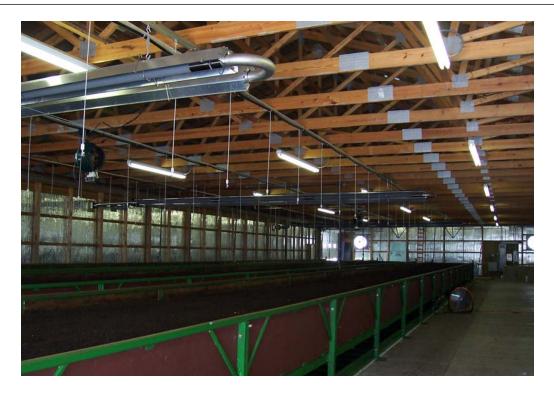
Composting/Conditioning Building (Thermophilic)

Feedstock material (dairy manure and off-spec silage) is composted and meets pathogen destruction requirements (PFRP) prior to vermicomposting.



Vermicomposting/Processing Building

Vermicomposting digesters (120' x 8' each)



Environmental Controls (Water and Heating)

Overhead misting/watering system with automated controls. Overhead radiant heating system.





Vermicomposting/Processing Building

Environmental Controls



Environmental Controls (Moisture / Temp)

Cover system design specifically to regulate the moisture and temperature conditions across the surface of the digesters.





Vermicomposting/Processing Building

Environmental Controls



Environmental Controls (Temperature)

Forced aeration system (beneath the digesters) specifically designed to regulate temperatures within the digesters. System also serves to dry finished material harvested from the beds.





Vermicomposting/Processing Building

Environmental Controls







Finished Product Storage Building

Location of screening plant and shipping center

Appendix

Section B

Photo Sheet Elzinga & Hoeksema Greenhouse, LLC





Elzinga and Hoeksema Greenhouses, LLC

Ten (10+) acre greenhouse located in Portage, Michigan







Liquid Vermicompost Units

Appendix

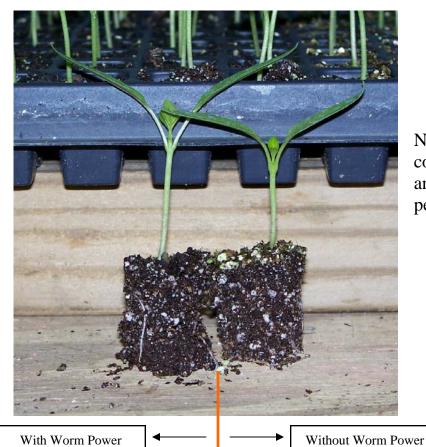
Section C

Photo Sheets Plant Growth & Disease Suppression Elzinga Greenhouse Cornell University

PHOTO SHEET 1

Elzinga and Hoeksema Greenhouse Trials Peppers (Nov. 2007)

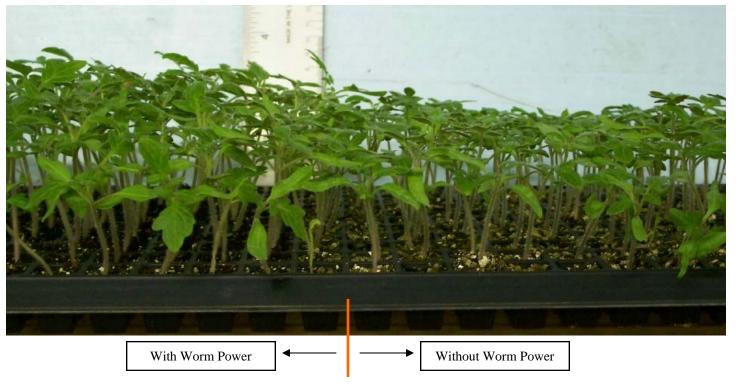




Note: All work was completed by Elzinga and Hoeksema personnel.

PHOTO SHEET 2

Elzinga and Hoeksema Greenhouse Trials Tomatoes (Nov. 2007)





Note: All work was completed by Elzinga and Hoeksema personnel.

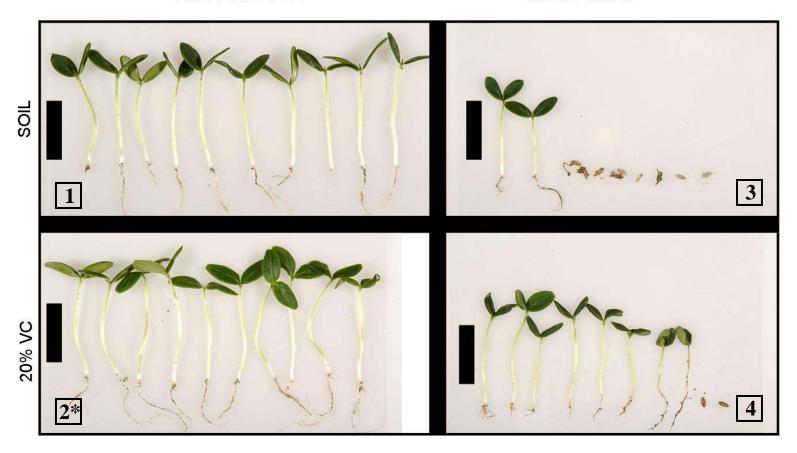
With Worm Power Without Worm Power

PHOTO SHEET 3

Cornell University Dept. of Plant Pathology Plant Disease Suppression Bioassays (Oct. 2007) Using Cucumber Seeds

UNINOCULATED

INOCULATED



Legend:

VC = Vermicomposted dairy manure Uninoculated = no disease exposure Inoculated = exposed to the disease pythium aphanidermatum

Key:

- (1) Germinated cucumber seed in sterile soil (uninoculated)
- (2) Germinated cucumber seed in sterile soil with 20% VC (uninoculated) Note vigor and size of seedlings
- (3) Germinated cucumber seed in sterile soil (inoculated with pythium aphanidermatum)
- (4) Germinated cucumber seed in sterile soil with 20% VC (inoculated with pythium aphanidermatum)