Sponsored Research

Project Title	Year	Program
Comparison of Liquid Organic "Biostimulants" in Conjunction with Organic fertilizers	2014	Cornell University Department of Horticulture
Investigating vermicompost as the primary fertilizer source in organic vegetable transplant production	2014	Cornell University Department of Horticulture
Vermicompost Comparisons by Plant Performance	2014	Cornell University, Department of Horticulture
Disease-Suppressive Vermicompost Induces a Shift in Germination Mode of Pythium aphanidermatum Zoosporangia	2014	Cornell University, Department of Plant Pathology & Plant-Microbe Biology
Worm Power Vermicompost & Extract Trials	2013	Cornell University, Department of Horticulture
Leading Natural Fertilizer and Worm Power Vermicompost Extract	2013	Cornell University, Department of Horticulture
Vermicompost Comparison	2013	Cornell University, Department of Horticulture
Keeping it Green: Cornell research demonstrates how to use vermicompost in vegetable transplant production	2013	Cornell University, Department of Horticulture
Extensive Soil Mix Studies for Greenhouse Production of Seedlings and Transplants	2013	Cornell University, Department of Horticulture
Worm Power Vermicompost & Extract, Blood Meal Biostimulant Trial	2011	Cornell University, Department of Horticulture
Cabbage Transplant Production Using Organic Media at Cornell University	2008	Cornell University, Department of Horticulture

University tested-university proven

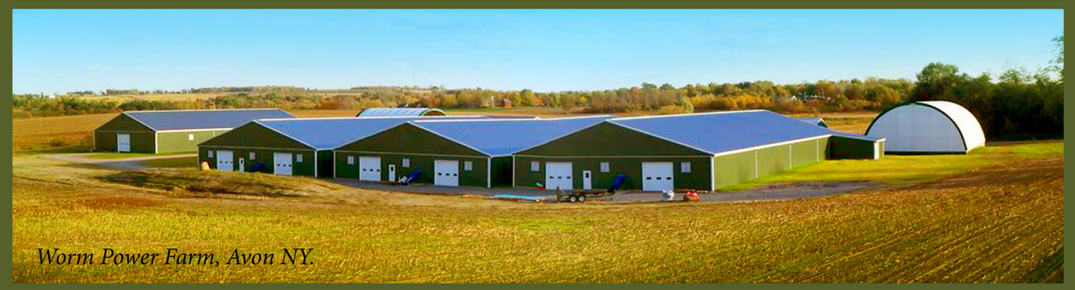
Three times the plant nutrition

One third the amount per application

Increases water holding capacity of the soil

Introduces an active microbial community to the soil

Increases size and yield



Worm Power Farm, Avon NY.

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WORM POWER
The engine of nature.

From University To The Field.
Not Just Tested. Proven.

Worm Power enhances plant growth from the ground up.

Within our facility's tightly controlled environment our worms produce 100% organic castings and worm-worked material – Worm Power– that strengthens the Chemical, Physical, and Biological aspects of the soil around your plant's root zone. OMRI Approved and CDFA certified, Worm Power improves soil health, and the growth, vigor and strength of your plants. Don't take our word for it, check out what the experts say.

OMRI LISTED For Organic Use

REGISTERED cdfa ORGANIC INPUT MATERIAL

Field Trials

Trial	Year	Project Title
Sod production	August 2013 - October 2014	Control vs. Worm Power treatments. Batavia Turf Farm, NY.
Hops	2014	Growth and yield trials at Climbing Bines Hop Yard and Abandon Brewing.
Raspberry (Great Crops / Worm Power Trials)	2014	Worm Power treatment(s) vs. conventional standard mineral fertilizer treatments (Oxnard Region, CA) and the effects on growth, yield and fruit quality.
Strawberry (Great Crops / Worm Power Trials)	2014	Worm Power treatment's effects on growth, yield and fruit quality. (Oxnard Region, CA)
Celery (Great Crops / Worm Power Trials)	2014	Worm Power treatment's effects on growth, yield and fruit quality. (King City Nursery, CA)
Spinach (Great Crops / Worm Power Trials)	2014	Worm Power treatments on spinach production

Nugget hops grown at Climbing Bines

Tomato Comparison

Batavia Turf Farm, NY

Research & Development

Research based on grant work

Project Poster	Year	Program
Germination response and growth of vegetable and flower seedlings supplied with Worm Power vermicompost as the sole fertility source	2014	Worm Power, LLC. Department of Horticulture, Cornell University
Seed Colonizing Microbes Alter Zoospore Chemotaxis and Encystment of the Oomycete Plant Pathogen Pythium aphanidermatum	2010	Cornell University Department of Plant Pathology and Plant Microbe Biology, RT Solutions, LLC
How does vermicomposted dairy manure protect plants from disease	2010	Cornell University Department of Plant Pathology and Plant Microbe Biology, RT Solution, LLC.
Microbial interference of zoosporogenesis of the oomycete plant pathogen Pythium aphanidermatum	2010	Cornell University Department of Plant Pathology and Plant-Microbe Biology, RT Solution, LLC.
Development of biocontrol products from vermicomposted cow manure	2009	Cornell University Department of Plant Pathology and Plant Microbe Biology, RT Solution, LLC.
Development of biocontrol products from vermicomposted cow manure	2008	Cornell University Department of Plant Pathology and Plant Microbe Biology, RT Solution, LLC

Grants Awarded

Program Agency: United States Department of Agriculture (USDA)

Program	Year	Project Title
Small Business Innovation and Research* (SBIR Phase 1)	2014	Using Vermicompost to Improve the Profitability of Hydroponic Spinach Production
Small Business Innovation and Research* (SBIR Phase 1)	2014	Vermicomposted Dairy Manure as a Disease Suppressive Seed Treatment
Adding Value and Diversifying Markets for Earthworm Composted Dairy Manure	2014	Marketing of Vermicompost Extracts and Seed Treatments
NRCS Conservation Innovation Grant* (CIG)	2011	Vermicompost in Containerized Plant Production and as an Organic Nutrient Source
Small Business Innovation and Research* (SBIR Phase 1 and Phase 2)	2008/2009	Development of Plant Protection Products Based on Vermicomposted Dairy Manure
CSREES Hatch*	2006	Compost use for biological control of Pythium damping-off in cucumber and peas
Value Added Producers Grant (VAPG)	2006	Marketing of Vermicomposted Dairy Manure
Small Business Innovation and Research (SBIR Phase 1 and Phase 2)	2005/2006	Large-Scale Production and Marketing of Vermicomposted Dairy Manure

Program Agency: New York State Department of Agriculture and Markets

Program	Year	Project Title
NY Farm Viability Institute Applied Research Grant*	2008	Vermicompost as a Substitute for Synthetic Inputs to Horticulture and Nursery Production
New York State Agri-Tourism Grant	2008	Promoting Sustainable Agriculture with On-Farm Vermicomposting
Food and Agricultural Industry Development Grant	2004	Large-Scale Production of Vermicomposted Dairy Manure

Program Agency: New York State Office of Science, Technology, and Academic Research

Program	Year	Project Title
Sequencing Microbial Communities Associated with Vermicompost and Improved Plant Growth	2014	Sequencing Microbial Communities Associated with VC and Improved Plant Growth
Center for Advanced Technology Biotech Grant*	2007/2008/2009 /2010/2014	Development of Biocontrol Products from Vermicomposted Dairy Manure

Program Agency: Outside NGO's and Foundations

Program	Year	Project Title
Center for Life Science Enterprise - Research Prize*	2008/2010	2008 - Developing plant protection products from vermicomposted dairy manure. 2010 -How does vermicomposted dairy manure protect plants from disease?
Organic Farming Research Foundation*	2008	Suppression of Pythium damping off with compost and vermicompost
Cornell CALS Andrew W. Mellon Student Research Grant*	2006	Microbial mechanism in disease suppression by vermicompost application
Towards Sustainability Foundation*	2005	Evaluating impacts of organic transplant media on plant growth & rhizosphere communities

*NOTE: Research completed in collaboration with Cornell University

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