



Plant & Lawn Care Products

Join us on our journey to greener grass, more nutritious fruits and vegetables and stronger, more colorful plants and flowers. Plus, get the peace of mind that comes from providing a healthier, more sustainable environment for you and your family.



 **Ecological Laboratories** INC.
Providing Environmental Solutions Since 1976



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MICROBE LIFE AND QUANTUM PRODUCTS

Are Formulated From the Same Novel Bioformulations



For consumer use of these technologies please contact:
Ecological Laboratories Inc.
800.645.2976
microbelife.com
microbelifehydro.com

Quantum Growth

For commercial use of these technologies please contact:
Applied Experimental
Microbiology (AEM)
800.818.6213
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It's time for a change. It's time to reverse the decades-long march to adding more and more harmful, polluting chemicals to our grass, to our fruits and vegetables, to our plants. It's time to create a healthy environment for our families, for ourselves and for future generations. As science gains a better understanding of how plant and grass processes work, it has become obvious that the conventional emphasis on soil chemistry and chemical fertilizers has significant problems. Specific concerns such as toxicity, pollution, environmental degradation and cost have made it clear that it is simply not sustainable to continue to pour endless amounts of chemicals onto the grass we lay on, the fruits and vegetables we eat and the plants and flowers our children smell.

We're glad that scientists now understand what common sense tells the rest of us. At Ecological Laboratories, our focus is on designing all natural lawn and garden products specifically formulated to enhance nature's own processes - those that have contributed to green grass, bountiful fruits and vegetables and strong, colorful plants for millennia. Now you can grow a lush lawn, prettier plants and flowers and more nutritious fruits and vegetables while creating a healthier environment for you, your family and for future generations.

The Ecological Laboratories team has over two decades of experience targeting all natural, non-chemical microbial plant enhancement. MICROBE LIFE BIO FORMULATIONS ARE A TRUE BREAKTHROUGH IN MODERN MICROBIOLOGY, ONCE THOUGHT IMPOSSIBLE TO ACHIEVE!

In 2006, we sold our first bottle of Quantum products, a one-of-a-kind, all natural product series designed for commercial agriculture. Partnering with a team of agronomists, horticulturists and geneticists at Applied and Experimental Microbiology, Quantum products have been changing the face of modern agriculture on thousands of commercial crop acres and golf courses worldwide.

Based on our learning from Quantum applications, we designed and formulated the MICROBE LIFE product line to bring the benefits being realized by commercial farmers and golf courses to our friends and neighbors. Many of the case studies and testimonials on the following pages are from users of our Quantum Growth products. Our MICROBE LIFE formulations are based on the same core technology as Quantum, with a few carefully engineered enhancements for homeowners.

QUANTUM GROWTH INCREASES ALFALFA YIELD BY 11 TO 23% PLUS INCREASED NUTRITIONAL VALUE

Location: Southern California farm

Background: This southern California farm had an alkaline, clay based soil planted with hybrid alfalfa WL625 HQ.

Objective: This test was designed to determine the effect of Quantum Growth on yield and quality of alfalfa when applied as an addition to grower's best practices and to determine return on investment of any benefits provided.

Quantum Growth is a series of unique biological products marketed by Applied & Experimental Microbiology (AEM) of Jacksonville, FL. This biotechnology-based product line is the result of a long-term partnership between AEM and Ecological Laboratories Inc (EL), who developed and manufactures the technology.

AEM's technical representatives provided a treatment plan and assisted in initiating the program. In the experiment four 1.5 acre blocks were designated as side by side treated vs. control:

Block 1: Control

Block 2: 1 gal Quantum VSC applied with boom sprayer in late April
8 oz. VSC & 8 oz. Quantum LIGHT within one week after each cut starting after second cut on July 18th.

Block 3: Control

Block 4: 1 gal Quantum LIGHT boom sprayed in late April
8 oz. VSC & 8 oz. LIGHT within one week of each cut starting after the second cut.

Samples were taken from Blocks 1 & 2 on April 30th and June 18th and sent to Harris Laboratories to determine differences in nutrient uptake levels. Each block was cut, raked and loaded into a weigh wagon to determine the yield in pounds. Additional samples were taken after the 4th cut. Samples were sent to Agri Analysis in Leola, PA for evaluation as dairy feed.

Results achieved: Use of Quantum Growth VSC and LIGHT had significant positive impact on the yield and nutritional value of the alfalfa. (fig.1).

	Cut 1	Cut 2	Cut 3	Cut 4	Total	% Change
Block 1	NO	14,320	16,453	14,100	44,873	
Block 2	X	21,140*	18,675	15,190	55,005	+23%
Block 3	X	14,250	13,152	14,110	41,512	
Block 4	X	15,125	14,512	16,510	46,147	+11%

Figure 1 *Watered one extra time over control. Both Quantum treatments showed increased yields ranging from 11 to 23%.

A distinct color and density difference was observed (Fig. 2) on the right. The root structure of treated plants also had a more complex and thicker root system.

The difference is further demonstrated in the picture below. The treated blocks had a darker green and held their color to the base of the plant while the control tended to "brown out" at the base (Fig. 3).



Fig. 3: Shows the improved lushness including size, depth of color, and density of alfalfa on the left that has been treated with Quantum Growth.



Fig. 2: Shows increased growth, density, and root complexity with treatment.

Dairy analysis of the alfalfa found the treated alfalfa of both VSC and LIGHT to have higher value of milk pounds per ton of dry matter. (lab reports available). In fact, in alfalfa from block 2 the grade was increased from Good to Premium and alfalfa from block 4 was raised from Good to Premium/Supreme according to the standards contained in the California Weekly Hay Report supplied by USDA Market News for Friday Nov. 13, 2009 when the analysis was reported.

With respect to the return of investment (ROI) In block 2, 5.06 more tons were collected. Allowing 15% for water weight this translates to 4.3 tons graded Good/Premium at \$135= \$580.10

In block 4, 2.31 more tons were collected less water and graded Premium @ \$145.00 = \$284.20

Total increase in revenue: \$800.00

When the cost of treatment deducted, -\$300.00 the total additional income is \$564.30

This translates to additional income per acre of \$188.10

This savings is very significant when multiplied by the total acreage planted. Quantum Growth increases food and energy available to the plants, allowing them to increase root growth and fruit production. This results in more bountiful, heartier plant with decreased dependency on supplemental irrigation, fertilizer, and pesticides.

TESTING CONFIRMS INCREASED WATER RETENTION WITH QUANTUM GROWTH TREATMENT AT ACE NURSERY

Location: AEM nursery trial for Ace Hardware, Jacksonville, FL

Background: Every nursery has to deal with management of stock with watering being a major part of inventory control. Too often stock is lost or sold at a discount because it became too dry. Customers using Quantum Growth consistently claim improved moisture retention.

Objective: This test was set up to validate the benefit of moisture retention with Quantum Growth technology.

Results achieved: Two “equivalent” Vinca plants were selected; one of the plants was watered with 6 ounces of a 2% solution of Quantum Growth while the other “control” plant was watered with 6 ounces of water. No additional watering was conducted for the remainder of the trial. The plants were maintained under roof and received no rainwater.



Fig. 1: Two “equivalent” plants after watering with 6 ounces of water (left) and 6 oz. of 2% Quantum Growth (right).



Fig. 2: The treated plant is healthy and turgid, showing no signs of water deprivation. In fact, the treated pot was heavier than the control due to retained moisture. The control plant on the left is obviously in decline caused by drought.

Use of Quantum Growth not only increases food and energy available to the plants, allowing them to increase root growth and bloom production, but it also helps the soil retain moisture. This results in a healthier, heartier plant that grows faster, produces more, with decreased dependency on added moisture.

EXPERIMENTAL PROGRAM VALIDATES PRODUCTIVITY ENHANCEMENT OF POTATOES

Location: Five Potato Growers, Sao Paulo, Brazil

Background: Quantum Growth is a series of biological products marketed by Applied & Experimental Microbiology (AEM) of Jacksonville, FL.

This biotechnology-based product line is the result of a long-term partnership between AEM and Ecological Laboratories Inc (EL), who developed and manufactures the technology. It has been tested on numerous crops with success for increased productivity and drought tolerance. In 2010, four potato growers in the state of Sao Paulo, Brazil were involved in a study supervised by the Professor André Palermo Tonietti from UNIPINHAL, University of Pinhal located in the city of Espirito Santo do Pinhal. Four students also participated on the development of this experiment as a part of training program from this University.

Objective: The experiment work was designed to test initially the productivity of the cultivars Monaliza and Agata, using the production systems upland and irrigated. The table below summarizes the farms cultivar and production systems utilized in the experiments.

Farm	Name of Farmer	Production System	Cultivar
Rosário	Laercio Berbamasco	Irrigated	Monaliza
Momboca	Jair Varaldo	Upland	Monaliza
Casa Branca	Toninho Gomes	Irrigated	Agata
Casa Branca	José Pai do Paulinho	Irrigated	Monaliza

Fig. 1: Lists the farms and farmers involved in the study and the production methods

Each farm was visited 5 times during the experiment. Product was applied according to instructions from Applied & Experimental Microbiology (AEM). In the first visit to the farm AEM representatives explained the application protocol and benefits of Quantum Growth. On the second visit, the potato seeding was performed with the addition of one gallon per hectare of VSC (root system) to the treated plots. Thirty days later VSC was applied again to the soil and after an additional 30 days Quantum Light was sprayed on the leaves. Plants were harvested 30 days after the last application.

Results achieved: During each visit students applied Quantum Growth as prescribed and recorded descriptions of visible differences between the control and the treated potato plants.

The following tables summarize the effect of Quantum Growth technology on productivity and economics of potato production.

Farm Location	Name of Farmer	Production System	Cultivar	Potato Bags Control	Potato Bags Quantum Growth	Productivity Increase Bags per hectare
Rosário	Laercio Berbamasco	Irrigated	Monaliza	600	914	314
Momboca	Jair Varaldo	Upland	Monaliza	327.29	594.34	267.05
Casa Branca	Toninho Gomes	Irrigated	Agata	873	951	78
Casa Branca	José Pai do Paulinho	Irrigated	Monaliza	721	848	127
				2.521.29	3.307.34	786.05

Fig.2: Treatment increases productivity as measured by bags per hectare.

The table above shows that Quantum Growth technology improved overall productivity by 786 bags. This result is consistent with a paper by Thomas A. Selvig C.A. (2009) reporting that photosynthetic purple bacteria, as present in Quantum Growth technology, produce sugar in the root rhizosphere which results in an increase in crop production mathematically commensurate with the quantity of sugar produced.

Economic analysis of increase in the productivity of potatoes based on this testing is summarized in the following table, which confirms the economic advantage of utilizing Quantum Growth!

Farm Location	Name of Farmer	Productivity Bags per hectare	Bag Value*	Return on Investment
Rosário	Laercio Berbamasco	314	R\$ 26,70	R\$ 8,383.80
Momboca	Jair Varaldo	267.05	R\$ 26,70	R\$ 7,130.24
Casa Branca	Toninho Gomes	78	R\$ 35,00	R\$ 2,730.00
Casa Branca	José Pai do Paulinho	127	R\$ 30,00	R\$ 3,810.00
	Mean Values	196.5	R\$ 29,60	R\$ 5,513.51
			*Mean values on harvest day	R\$ 22,054.04 USD 12,972.90

Fig. 3: Treatment with Quantum Growth provided an additional R\$ 5,513.51 per hectare increased productivity.

The economic evaluation demonstrates significant economic benefit in utilizing Quantum The University concluded that based on the results of the experiment, Quantum Growth Technology successfully demonstrated its potential as a productivity enhancer and results indicate that it can be used on the Brazilian Potato Production System with success. This study was directed by Andre Palermo Tonietti, Ms and Expedito Tadeu Facco Silveira, PhD

QUANTUM GROWTH PROVIDES FASTER, MORE VIGOROUS GROWTH OF LETTUCE ON FARM IN MEXICO

Location: Lettuce Farm, Mexico

Background: This farm outside of Monterrey, Mexico was a contract supplier for Subway. Yield is extremely critical to profitability.

Objective: This farm implemented a Quantum Growth trial in an effort to increase productivity. A 2% solution of equal parts Quantum-Light and Quantum-VSC was applied via backpack sprayer to this lettuce crop as a foliar spray immediately after planting.

Results achieved: in a few weeks the difference between treated and non-treated controls was dramatic. Quantum Growth had produced plants significantly increased in size and overall health.



Fig. 1: In addition to watering from the drip line, the plants on the right received a spray of 2% Quantum Growth made up of equal parts of Quantum Growth Light and CQ VSC.

This farm continues to utilize Quantum Growth, which provides it a competitive advantage in the marketplace.

Use of Quantum Growth increases food and energy available to the plant, allowing them to increase root growth and fruit production. This results in a heartier plant with decreased dependency on supplemental irrigation, fertilizer and pesticides.

MICROBE LIFE PHOTOSYNTHESIS PLUS AIDS HOME GARDENERS

I am writing to you to express our thanks and our appreciation for the MICROBE LIFE products you provide us for use at our home garden.

My husband and I are lifetime gardeners who enjoy the challenges and beauty of gardening. Each year we plant and care for multiple beds and potted arrangements around our homes entrance and in the area surrounding our backyard patio.

With many years experience in gardening we came to believe we had finally developed the ideal methods for gardening in our area. As a result of our long term experience and love of garden creations we were extremely reluctant to try the MICROBE LIFE products you provided for our use.

Fortunately my husband is a brave soul and suggested we give it a go. All the time I remained the skeptic with grave concerns that my beloved plants would soon decline or die a horrible death.

I must tell you that I am a believer in your MICROBE LIFE products the difference in our plants is simply astonishing, brighter colors, more flowers, greater foliage and much less loss of plants. As an example this year we have not replace any of our plants.

I wish to thank you for providing us the MICROBE LIFE product and wish to know where we can obtain additional supplies. I have included some picture of our homes entrance and patio so you may review the results we have enjoyed.



QUANTUM GROWTH INCREASED FLOWER BLOOMS IN GREENHOUSE PLANTS WHILE REDUCING FERTILIZER REQUIREMENT

Location: Large Commercial Greenhouse, North Carolina

Background: The most successful greenhouse products are those healthy-looking plants with plenty of blooms. Quantum Growth products are known to enhance the growth rate, number of blooms, and increased water retention of nursery plants, often with less fertilizer added.

Objective: Each commercial greenhouse wants to validate the benefits of new technology in their own nursery. In this case, a section of the petunia plants were treated and evaluated versus the untreated control plants. Since this greenhouse was also interested in fertilizer savings, they set up separate sections with different fertilizer levels to evaluate how much the fertilizer can be reduced without sacrificing quality of the plants.

Results achieved: Matured plants showed dramatically increased blooms and better plant structure even without any added fertilizer.



Fertilizer Rate

0 ppm	40 ppm	80 ppm	0 ppm	40 ppm	80 ppm
	Control			Quantum Growth	

The picture above demonstrates the increased blooms in treated plants. In addition, the above picture is a dramatic example of nitrogen fixation. The purpose of this trial by a commercial greenhouse was to compare fertilizer versus fertilizer and Quantum-1 and also determine what amount of fertilizer was optimal with Quantum-1. As you can see, the 0 ppm fertilizer and Quantum-1 flat performed exceptionally well. This is an excellent example of how, in the absence of applied nitrogen, the Quantum-1 organisms sequestered atmospheric nitrogen to sustain growth.

This picture also demonstrates the negative effects of excess nitrogen, as illustrated in the right two flats. Excess Nitrogen leads to unregulated growth, characterized by pronounced stem elongation and lack of blooms as the plant allocates all of its resources to growth and not reproduction.

Use of Quantum Growth increases food and energy available to the plants, allowing them to increase root growth and bloom production. This results in a heartier plant with decreased dependency on supplemental fertilizer. Other studies have shown that Quantum Growth also decreases dependency on added water and pesticides.

QUANTUM GROWTH PROVIDES FASTER GROWTH & IMPROVED SURVIVAL OF FLOWERING PLANTS IN A CALIFORNIA GREENHOUSE

Location: Sunset Farms/Sweetfield Flowers, Jamul, CA

Background: This farm plants seedlings in screened houses exposed to the elements. Beds are lined with newspaper then filled with new organic soil at the end of each season. Plugs of various fauna are planted in separate 4 ft X 100 ft beds and flowers are harvested for use by restaurants for garnishes and salads. The flowers are sugar coated for use by bakeries for wedding cakes and other confections. They are also gold dusted for use by high-end cocktail lounges in specialty drinks and gold dipped for use as jewelry.

Objective: This field test was developed using the same 4 ft X 100 ft bed whereby a section of 30 linear feet was treated and 70 linear feet remained untreated as the control.

Treated area included plugs dipped in a 4% solution of Quantum VSC and water, then planted and watered. Control plugs were planted and watered.

Results achieved: Plugs treated with Quantum VSC showed the following results:

1. The Root ball structure of treated plugs was much thicker, a factor that leads to a healthier, faster-growing plant.
2. Better transplant survival rate of treated plugs
3. Quicker harvestable flowers from treated plants
4. Increased yield of flowers from treated plants

The pictures below show the differences between treated plants and untreated controls. This farm continues to utilize Quantum Growth, which provides it a competitive advantage. Use of Quantum Growth increases food and energy available to the plant.



CONTROL

QUANTUM

Fig. 1: This picture was taken two weeks after treatment and planting on 10-07-08. Note the difference in thickness of the roots. The control plant is on the left while the treated plant with larger root ball is on the right.



CONTROL

QUANTUM

Fig. 2: On 10-22-08, the treated flat on the right shows substantially higher survival than the control flat on the left.



Fig. 3: The roots of treated plants (right) consistently showed a thicker root system.



Fig. 4: The control on the left has produced 1 harvested flower and has 4 new buds forming while the treated plant on the right has produced 4 harvested flowers with three new buds forming.

For this business, the use of Quantum VSC provided greater yield and increased the speed of producing a marketable crop, both major factors in assuring profitability.

SEEDLING NEEDLE TURGOR & ROOT MASS INCREASE IN JUST 30 DAYS WITH QUANTUM GROWTH

Location: International Forest Company, Moultrie, GA

Background: Large forest companies routinely re-plant harvested forests. Robust tree survival and growth are essential to a profitable business model.

Objective: A company planting Longleaf Yellow Pine Seed decided to test the benefits of using biological growth additives. Based on prior data in forestry, Quantum Growth products appeared to have excellent potential. Quantum Growth is a series of biological products marketed by Applied & Experimental Microbiology (AEM) of Jacksonville, FL. This biotechnology-based product line is the result of a long-term partnership between AEM and Ecological Laboratories Inc. (EL), who developed and manufactures the technology.

AEM provided a treatment plan for a test plot of one acre for approximately 900,000 container seedlings. Initial application of 1 gallon Quantum-VSC and 1 gallon of Quantum-Light was applied through a chemical injector through overhead irrigation just after seeds were put in flats. A second application of the same dosage was applied through the overhead irrigation system two weeks later.

Results achieved: After 30 days, needle vigor and root mass increase was pronounced.



Fig 1: Seedlings treated with Quantum Growth are on the left in each picture. The visual evidence would indicate root mass increase on inoculated trees is greater than 25%.



Fig. 2: In the picture on the left, the four plugs were sampled from the trees treated with growers' best practices plus Quantum growth. The four plugs in the picture on the right have been grown with best growers practices only.

In the treated tree plugs roots are more evenly spread throughout the treated plugs on the left in the above picture. The microorganisms in Quantum Growth distribute water more evenly in the soil. The roots in the picture on the right show roots extending out the plug following the water than has filtered through the soil as opposed to being absorbed and contained as in the treated plugs. Moisture retention will be especially important as these trees grow in the forest with only natural rainfall or moisture.



Fig. 3: The tree on the left has been treated with Quantum Growth. Root mass and root collar diameter of the inoculated trees are improved. These results demonstrate a very cost-effective method if increasing growth rate and survivability of these trees.

Use of Quantum Growth increases food and energy available to the plant, allowing them to increase root growth and fruit production. This results in a healthier, heartier plant with decreased dependency on supplemental irrigation, fertilizer, and pesticides.

QUANTUM GROWTH INCREASES NUMBER AND FREQUENCY OF ORCHID BLOOMS

Location: Orchid Grower, St. Augustine, FL

Background: An avid orchid grower, Paul Jones who is active in the St. Augustine Orchid Society, maintains over 100 orchid plants. He had been using a microbial additive with success for a number of years when he decided to test Quantum Growth.

Objective: The main objective for any type of flower fertilizer program is to develop healthier plants with increased root growth that can support increased blooms. In this case, the grower was growing Cattleya orchids.

Results achieved: Within two weeks of switching from his previous microbial additive to Quantum Growth, this grower saw a pronounced increase in new root production. This was followed closely by lush new growth and then blooms. Several strains of Cattleya plants that had bloomed once yearly for the past four years were now blooming 3-4 times a year with Quantum Growth.

The most dramatic results seen was with an Oncidium Sharry Baby "Sweet Fragrance" plant that literally exploded in growth. Just two months after starting with Quantum Growth this plant had produced five separate flower spikes each one over three feet long with branching inflorescences. This plant had over 150 blooms. Numerous other types of orchids had similar results.

Paul also saw excellent results in developing roots on new cuttings. Dozens of new roots were developed in just two weeks. One Cyprus mount completely rooted in less than two months.

In the words of Paul Jones, "I use Quantum Growth on all my orchids. No other type of fertilizer is ever used not will it (be used) in the future. Quantum growth is all natural and I do not need to worry about PPM levels or artificial chemicals. I highly recommend any orchid grower give it a try on your plants, you will not regret it!"

Use of Quantum Growth increases food and energy available to the plant, allowing them to increase root growth and fruit production. This results in a heartier plant with decreased dependency on supplemental irrigation, fertilizer, and pesticides.

QUANTUM GROWTH PRODUCES RECORD FAST GROWTH FOR OMENA ORGANICS' NEW CHERRY ORCHARD IN ARIZONA

Location: Omena Organics Farm, Sulfur Springs Valley, Arizona

Background: Bob Weaver grows cherries in Leelanau County, Michigan, including several hundred acres of conventional and organic-grown red tart (sour) and sweet cherry trees. Michigan is the cherry capital of the world but Weaver's passion for cherry production led him to consider expansion to other states. Topping his list of options were Washington and Arizona. Weaver purchased 40 acres in Sulphur Springs Valley in southeastern Arizona and planted 141 trees per acre in 2009.

Objective: This was the first commercial red tart cherry farm in Arizona, a true adventure for Bob. His growing techniques had to be revised for a different climate. At 5000 feet above sea level, warm, arid conditions during the day were mixed with cold evenings providing the chill required to promote proper fruit set. Bob wanted to maintain natural conditions as much as possible.

Results achieved: When researching natural technologies, Quantum Growth products stood out. Quantum Growth is a series of biological products marketed by Applied & Experimental Microbiology (AEM) of Jacksonville, FL. This biotechnology-based product line is the result of a long-term partnership between AEM and Ecological Laboratories Inc (EL), who developed and manufactures the technology.

When contacted, AEM's technical representatives proposed a treatment plan for Omena Organics. Bob decided to nurture his transplanted trees with the sole use of Quantum Growth and water.

In the first seven weeks after planting, the trees had received a total of five quarts per acre Quantum Growth and approximately three gallons of water per tree daily.



Fig 1: Twig tree shows a bud within a week of planting. Fig 2: shows a pen along side a branch of almost the same size, and a substantial leaf several weeks later.



Fig 3: The tape measures 18' new growth at seven weeks. Fig 4: Down the row shot at seven weeks.

Use of Quantum Growth allowed the plants to pull nitrogen from the atmosphere eliminating the need for, and potential damage from fertilizer. It also stimulated rapid growth, and improved soil water retention. These trees showed 18" of new growth. Bob Weaver declared, "In Northern Michigan I would only hope for 18" of growth over a season, not just in seven short weeks. In my wildest dreams I would not have expected this aggressive tree growth".

PENNSYLVANIA FARM INCREASES TOMATO YIELD BY 39% WITH QUANTUM GROWTH

Location: Nolt Farm, Pennsylvania

Background: The Nolt farm had experienced excellent results from utilization of Quantum Light and VSC on a number of crops. They decided to extend the use of Quantum Growth to their tomatoes.

Objective: Using a dosage rate of a total of 64 ounces (1/2 gallon) per acre at planting, the farm recorded results with the following photographs.

Results achieved: The picture below shows a comparison of root mass in young treated versus untreated tomato plants.



Fig 1 & 2: The picture above shows control root mass (left) is much smaller than the root mass of the plant treated with Quantum. The picture at the right again shows much larger root mass (left) in the Quantum treated plant versus the control plant.



Fig. 3 & 4: Treated plants (on right) showed 39% increased yields of tomatoes and provided an earlier harvest.

MICROBE LIFE PHOTOSYNTHESIS PLUS RESTORES DAMAGED PEPPER PLANT

Location: New Jersey

Background: Brett Richter of Ecological Laboratories, Inc. reported that he received the following information when he placed a call to Matt Fugate to inquire about the trials Matt had promised to conduct on the MICROBE LIFE samples he had sent to him.



The above photo is from Mr. Matt Fugate, who runs the web site Suburbangardener.org.



This is an example of MICROBE LIFE's ability to enhance plant functions, see the early stage below.

If you wish a reference just look at the plant to the extreme top right - Horrible condition you may say!

Objective: Enhance plant functions and recovery from transplant shock

Results achieved: Matt advised that he was both surprised and impressed with the results. Below is his statement regarding the samples, as verified by the photo shown above.

"This is my pepper plant that was sooo weak that all the leaves fell off it from transplant shock. I gave it photosynthesis plus and not only did it become more vigorous, its flowering already! I am trying to find the before picture but it's hard to remember to take pictures of a dead plant, but I will find it I'm sure. Thanks Brett!"

MICROBE LIFE PRODUCTS - TESTIMONIAL BY KEVIN GALLAGHER

Location: Southern Connecticut

Objective: Faster germination, greater number of seeds germinated

Results achieved: I can really see the difference in plant vigor and growth from root system to the plant and its color all the result of using MICROBE LIFE.

I have used MICROBE LIFE to start and grow many different plants to include; tomatoes, pole beans, Coleus and several herbs. The results have been pretty dramatic from my observation. The MICROBE LIFE treated trays all had better results starting out from germination to outgrowth and then grew much faster and perceptibly larger than the control trays.

Greater number of seeds germinated using MICROBE LIFE, with better root formation, greener and larger in size.

I have now moved the tomatoes and beans to the garden and have used one of you hose end sprayer products on the garden every two weeks and the plants are very vigorous and noticeably darker in color.



CONTROL

TREATED WITH MICROBE LIFE

I'm amazed this year to have no aphids at all for the first time in 7 years. I can't wait to see how the yields come out!

Kevin Gallagher, Radio host - WPKN 89.5 FM & WPKN.org/Mondays 4-7 pm

**WELCOME TO ECOLOGICAL LABORATORIES, INC.
ENVIRONMENTALLY FRIENDLY PRODUCTS FOR
YOUR LAWN, YOUR GARDEN & YOUR FAMILY**

Although we may be new to you, we've been around for a while. Over 35 years, in fact. During that time, we have been continually developing and evaluating what we call our "core technology," a robust diversity of environmentally friendly, naturally occurring organisms including several strains of valued photosynthetic bacteria. In 1976, we sold our first bottle, and oh! how far we've come since then!



The time has come to change our relationship with nature, to build a more sustainable environment for ourselves and future generations. MICROBE LIFE bioformulations are all natural products designed specifically to improve the growth + yield of your plants, fruits and vegetables as well as your lawn, while reducing the chemicals you pour into your garden. When you use our all natural bioformulations, you can smile when you see your children and pets playing around your home.

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