

Sudden Oak Death update

Winter/Spring 2010 - The winter that wouldn't stop has duplicated conditions nearly identical to what led to the extreme tree mortality outbreak in 2003. This pathogen thrives in warm, moist environmental conditions which were indicative this year so, expect to hear "front page news" concerning new outbreaks 1-2 years from now. It is extremely important to continue protecting your oak trees, or start a protection program if you have not already done so. Speak with your neighbors, if there are any questions please contact jim@treesolutions.com

Approved fungicide

A new fungicide has been registered and approved for use in control of sudden oak death disease, "Adorn." It must be combined with another fungicide to provide efficacy. Tree Solutions Inc. arborists will monitor updates and attend industry workshops as they become available to learn all of the ins and outs before offering this product as an alternative. Use of this product will introduce more chemical fungicide into your environment and we want to be sure that it will not harm you, your children and pets before we recommend its use. We are not sure if we will be able to determine this, but we would like to take enough time to compare it with the application of Agri-fos and Pentra-bark which currently has the endorsement of the UC Berkeley Forest Pathology and Mycology Laboratory. The international spread of the pathogen which causes "sudden tree death"



Coast Live Oak tree which has succumbed to sudden oak death disease

continues. England, Wales and Ireland have experienced new infections. The pathogen is not limited to just oak trees; lark, fir and chestnut are some of the other trees which are susceptible to the disease.

Here in the United States, nurseries that produce plant material and ship world-wide continue to implement sanitary, pre and post shipment protocols in an effort to limit the spread of this disease outbreak.

James Neve
Owner, Tree Solutions Inc.

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SOIL RESTORE

Restore Soil Health-Enhance Plant Vitality

It seems as though everyday we can read about new case studies which are shedding light on the severity and negative effects applying chemical fertilizers and pesticides is having on our environment. Dead zones in our ocean bays; void of life and oxygen, rich in nitrates and phosphorous from fertilizer runoff is a problem we can no longer ignore. Some fish species are running the risk of becoming extinct because female fish are no longer reproduced due to oxygen depletion. This is attributed to runoff containing excessive amounts of plant nutrients, primarily nitrates. (Effects on Midwest Agriculture. ScienceDaily. Retrieved October 2, 2010, from <http://www.sciencedaily.com/releases/2006/10/061004180713.htm>)

Soil biology and plant health

Tree Solutions Inc. has been researching and developing product and application techniques that are specific for trees, turf and other landscape plants. We understand the relationship of soil biology and plant health. We understand soil biology requirements are different for different landscape situations. Therefore we have de-

veloped a line of naturally derived, plant fertility products for specific conditions. We offer Tree Rescue, Tree Maintenance, Landscape Rescue, Landscape Maintenance and more. We also provide soil biology sample collection, packaging and shipping to Soil Foodweb laboratory for comprehensive testing.

Soil Foodweb Inc. was founded by Dr. Elaine Ingham, who is a soil microbiologist. Dr. Ingham has over 30 years of study, experience, and has written numerous papers about how the soil foodweb functions. Her company website is: www.soilfoodweb.com

Please contact us if you use a garden service that uses chemically derived fertilizer products. Those products are often a combination of chemical fertilizer and chemical herbicides. This can prove to be detrimental to human and tree health.



We can provide fertility services so that you yourself can take part in reversing the negative impact that overuse of chemical product is having on our living areas and the planet as a whole. If you or your friends would like help converting from conventional chemical applications to organic and naturally derived soil fertility methods, please contact us.

As a side comment, I remember when I graduated from High School and our keynote speaker who was representing us proclaimed that “We are going to be the generation who is going to make a positive impact on the world” *“We will make a difference!”* I have heard this repeated over several decades, while attending many graduation ceremonies.

We have been trained by companies whose interests are strictly beneficial to the corporate entity at the expense of our health and the overall health of our planet. Maybe the time is right for our generation to actually make a “positive change.” Please help us accomplish this task.

James Neve
Owner, Tree Solutions Inc.



Natural organic fertility application schedule:



First application	February - March
Second application	May - June
Third application	October - November

[For additional information see article on TreeSolutions.com](https://www.treesolutions.com)





Inspect your trees before winter arrives

Winter will be arriving soon and it is a good idea to have the trees close to your home and other high use areas inspected for susceptibility to branch or entire tree failure. We are offering a half price Visual Tree Assessment inspection to help determine what can be done to eliminate or minimize damage from tree failure. Contact our office at 650-269-0540, 831-247-1696, or jim@treesolutions.com if you would like more information.

The Tree Preservation Specialists for the Central Coast

Tree Solutions Services Include:

- Plant Health Care (PHC) Programs
- Application of Least Toxic Pesticides
- Organic Fertilizer and Compost Extract
- Pruning and Tree Trimming
- Integrated Pest Management (IPM) Programs
- Plant Health Monitoring
- Diagnosis of Disease and Pest Infestations
- Tree Structural Stability Risk Assessments
- Tree Health Assessments
- Arborists Reports
- Tree Preservation Programs
- Soil/Site Analysis
- Tree Inventories/Management Plans
- Tree Value Appraisals



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