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U.S. Ag News Report

C4 is an exciting new product that has shown very impressive and promising results in the insecticide, fungicide, and plant health field. Made from renewable resources and naturally mined elements **C4** is a one of kind product. This product is “not” currently registered as an insecticide, fungicide, or fertilizer with the government; therefore cannot be sold as such. This report is merely to inform the public what is happening in the exciting new agriculture field.

In preliminary studies **C4** is proving itself to be effective in eliminating soft bodied insects with or without chemical insecticides. Because it is not currently registered as a “cide” or killing agent, all work done in this area has been in the nature of university or field testing.

C4 is proving itself to be remarkably potent and effective in the battle against insect invasions. It’s noticeable and obvious success against small soft bodied insects, as well as other common plant scourges, such as whiteflies, scales, thrips and mites, led to repeated questions from growers for a scientific explanation as to why it was so effective. To answer this enigma, samples were sent to a testing laboratory for a comprehensive analysis. Their conclusion read:

“The product immediately impacts the exoskeleton structure of the pest upon contact by disrupting the molecular structure of the chitin and other protein substances that protect the insect. This mechanism of action triggers the rapid and irreversible deterioration of the insect’s spiracles and tracheal system, resulting in suffocation (as in the case of the adult mosquito). The major benefit of this revolutionary method of insect control is the absence of undesirable side effects on human health and the ecosystem. Additionally, unlike standard insecticides in use today, no built-in resistance can be developed by the targeted insects, since it does not act on the nervous system, but rather on the respiratory apparatus.”

In short, **C4** is working at the organic molecular level, affecting the hydrocarbon composition of the pest which is in total contrast to the traditional chemical methodology. **Whereas an insect may develop a resistance to chemicals, which are designed to affect its neurological system, it cannot develop a resistance and immunity to a product that affects its respiratory functions.**

C4 is proving itself to be equally effective in its ability to combat fungal and bacterial infections as well as a host of fungal and bacterial diseases. **Tests are showing that C4 displays anti-bacterial, antimicrobial and, most importantly, anti-fungicidal properties and is proving itself to be extremely effective in the treatment of a myriad of fungal and bacterial diseases.** Growers testing the product have reported consistent success in the control and elimination of a variety of rust problems in a broad variety of plants and flowers. We have reports of favorable results in the treatment of fungus.

Possibly it's most important application is in the treatment of grisea, or rice blast and rice blight, which worldwide destroys up to 20% of the rice crop each year. University tests are proving effective in eliminating or terminating the spread of blast in the rice paddy.

At this time **C4** is being marketed as a surfactant. When used in conjunction with traditional pesticides and fertilizers, **C4** improves their delivery and potency. **The pesticide dissolves more easily in water, thereby simplifying application to crops. Pesticides become more stable and the killing capability of the chemical pesticide is optimized.** By stabilizing fertilizer and making it more available to the plant, **C4** helps to improve germination and accelerate plant growth.

Check the U.S. Ag Florida website: **www.USAgFlorida.com** or call for further information as it becomes available.