

POLYGREEN BUILDINGS LLC

dba PolyGreen Structures
polygreenstructures@gmail.com
Locust Grove, Virginia 22508

888-711-2034

LIGHTING THAT DETERS INSECTS?

LED LIGHT

SPECTRUM ENGINEERED TO AFFECT INSECTS

THE LIGHT REPELS CERTAIN INSECTS

Spider Mite

Aphid

Thrips

Cabbage Moth

Russet Mite

Lights are placed underneath the plant's canopy to drive the insects to the top of the leaves.
The light prevents them from laying the eggs beneath... so they leave. Others just leave.

THE LIGHT ATTRACTS CERTAIN INSECTS

Japanese Beetle

Psyllid

Whitefly

Lights are placed underneath the plant's canopy to get the insects airborne.
Double-sided film tape is placed on the light to capture the insects.

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EPA FACILITY CERTIFICATION AS AN INSECT REPELLENT DEVICE

*Certification obtained 2017.

Additions to this list are poultry leg mites and European red/blood mite.

There have not been any peer-reviewed studies on this light's effect on insect behavior. Anecdotal evidence has been promising.

It would be advantageous and relatively easy to formulate a scientific study to compare the effects of this light with either natural sunlight or artificial light. A grant would likely be approved, given that such a study could have a significant impact on animal or human welfare. If the anecdotal evidence was verified, the results would be revolutionary!

Thank you for your time and attention to this matter. I have been devoted to this project since it began, and I hope it inspires in you the same passion. If this light catches your eye, please contact me so we can begin our journey together. I look forward to hearing from you.

Thanks!
Tee Davis