



Pest Control Topics

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What is a Pest

- Living organisms that occur where they are not wanted or that cause damage to crops, animals, humans or other animals.
- Humans?
- Is a rose bush a pest?
- Is a honey bee a pest?
- Are your inlaws pests?

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What is a pesticide?

- Any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest.
- Any substance or mixture of substances intended for use as a plant regulator, defoliant, or desiccant.
- Any nitrogen stabilizer.

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Pesticides

- Insecticides - insects
- Herbicides - plants
- Rodenticides - rodents (rats and mice)
- Bactericides - bacteria
- Fungicides - fungi
- Larvicides – larvae
- Avicides – birds
- Piscicide - fish

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Pesticides

- Why do we use them?
- Scientific Method vs the Anecdotal Method vs the California Method
- Half life
- Mode of Action
- Persistence
- RUP – Restricted Use Pesticides
- GUP – General Use Pesticides

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“Organic Pesticides”



Organic pesticide. Door to door sales.

- “Organic” pesticide claims make most people believe that it is safer, better, environmentally friendly, etc.
- Example: Pyrethryn is extracted from a flower, Pyrethroid is the same molecule made in a laboratory. The other main difference is that Pyrethroid is less light sensitive.
- Even if the product is Pyrethryn, it still is meant to kill insects by way of attacking the nervous system.
- No product that is meant to kill something is safe, no matter if it comes from nature or lab.

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“Organic Pesticides”

- Low risk pesticide
- Bio-pesticide
- OMRI Approved

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FIFRA

- How old are “pesticides”?
- 1906 The Pure Food and Drug Act
- 1947 Federal Insecticide, Fungicide and Rodenticide Act
- 1988 EPA
- State “co-regulators”

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State Regs

- State Primacy / Cities / Counties
- All Commercial Pesticide Applicator
- Even mow and blow
- Why so restrictive?

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Commercial Pesticide Licensing

- UDAF Pesticide Business License
- UDAF Pesticide Applicator's License
- Process, length, renewals
- Do they have both and your mission if you choose to accept it?
- Door to door sales

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Pesticide Program

- Testing / licensing
- CEU events
- Inspections/investigations
 - Investigation reasons
 - EPA

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Since we have an hour.....

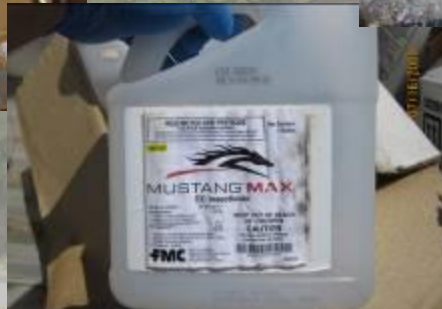


Pesticide Storage Regs

- Vehicles
- Commercial Buildings
- Residential Properties
- “Keep out of reach of children or unauthorized persons”
- GUP vs RUP

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Keep Out of Reach of Children



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Damage/Exposure/Drift

- Investigations
- Neighbor Disputes
- 2,4-D

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Honey Bees

- Pest or not? Depends.
- County Bee Supervisors
- Swarming



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Questions?

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Aim high

