



Compliance Assistance Module CAM II Pyrethroids

July 1, 2013

Structural Pest Section
Georgia Department of Agriculture

Why Are These Labels Being Changed?

- ▶ Water quality monitoring studies have found significant amounts of pyrethroid insecticides in urban creeks and sediments.
- ▶ Pyrethroids are highly toxic to aquatic organisms including fish.



So What Is Happening?

- ▶ The EPA changed the general “Directions for Use” and the “Environmental Hazard Statement” for pyrethroid products used in non-agricultural outdoor settings.
- ▶ These changes are intended to reduce pyrethroid movement into non-target areas through runoff and drift.
- ▶ These changes affect both professional and consumer products.



What To Look For

- ▶ New language is on pyrethroid products formulated as liquid concentrates, broadcast granules, dusts, and ready-to-use liquid formulations.
- ▶ Older products that do not have new label restrictions can continue to be used according to the label that is attached to that product.



What Do These Changes Mean?

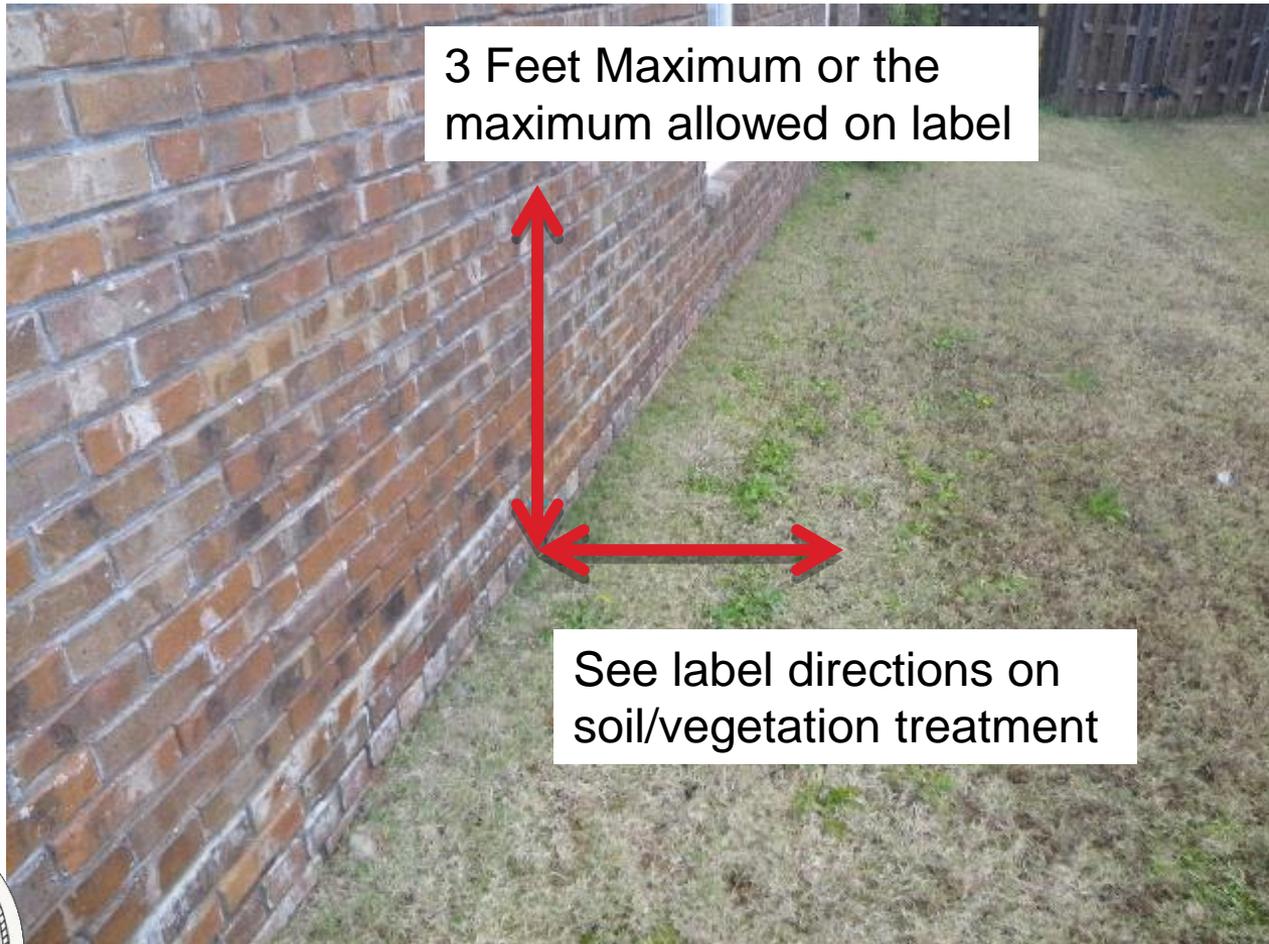
- ▶ Broadcast applications to large surfaces such as exterior walls of buildings above three feet, patios, concrete walkways, carports, driveways, doors and windows.....

WILL NO LONGER BE ALLOWED!

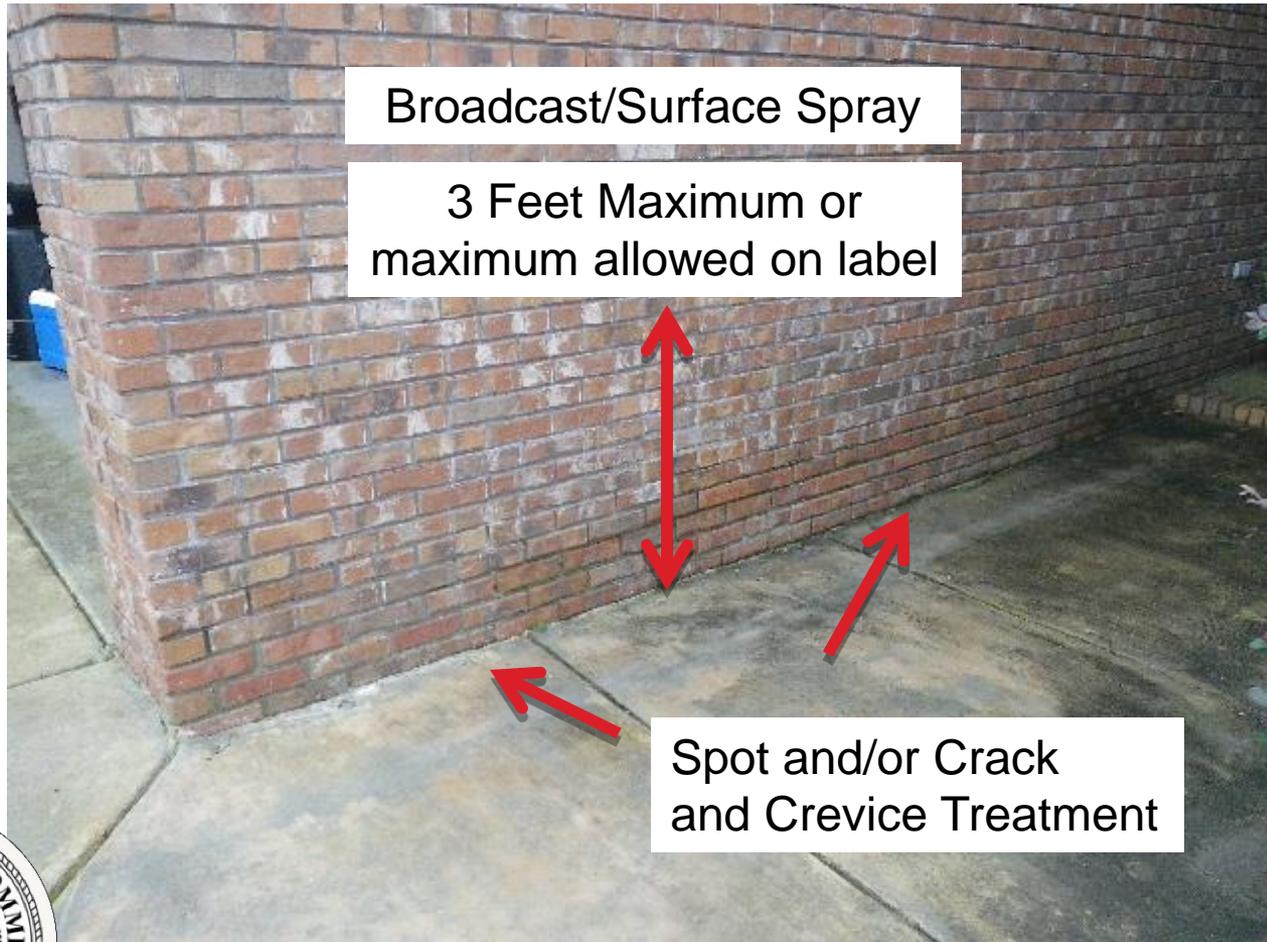
These areas are limited to spot and/or crack and crevice treatments.



Let's Try To Simplify This



Foundation/Hardscape Areas



Eaves and Soffits



Broadcast/Surface Spray to underside
of eaves/soffits



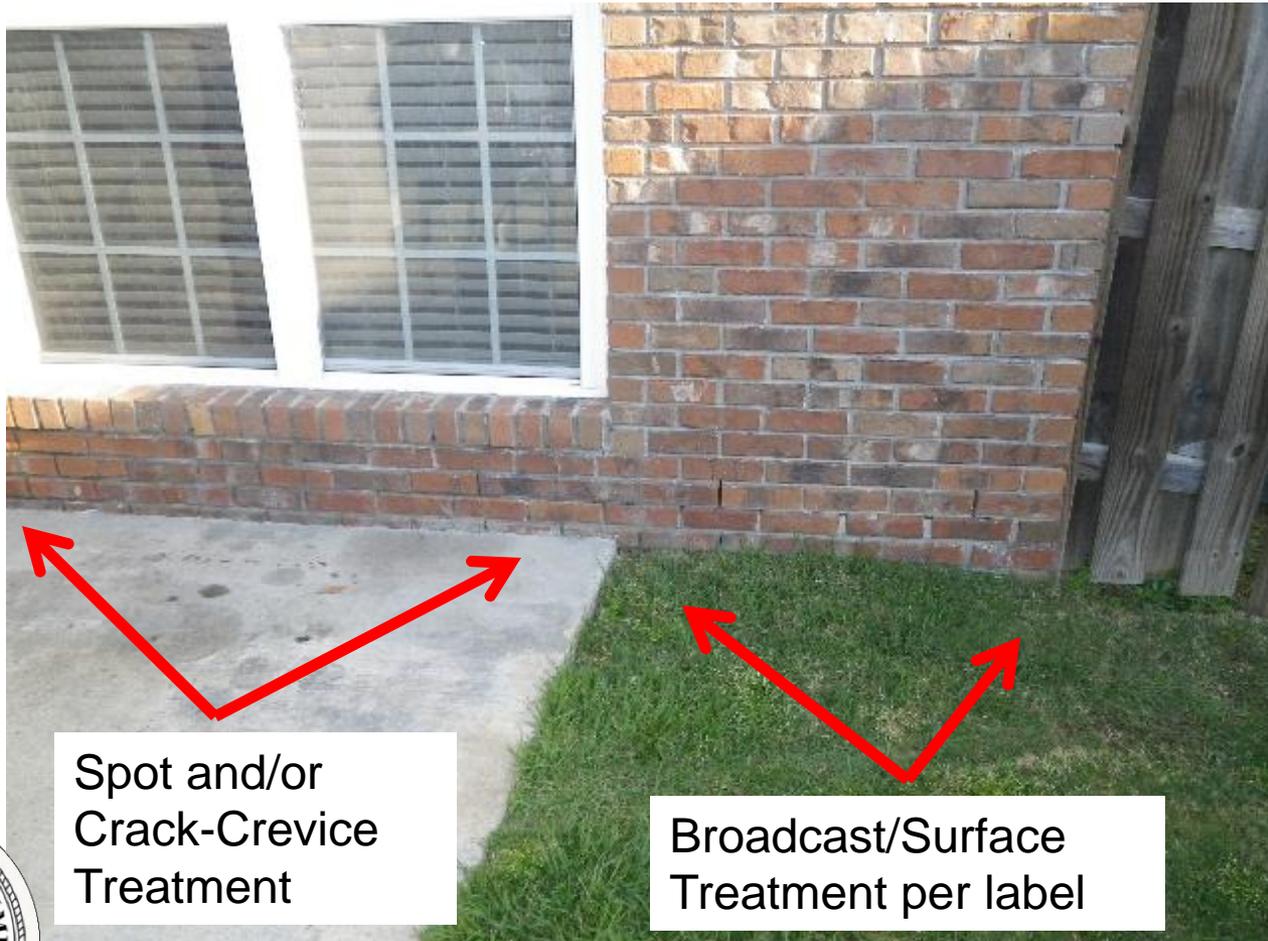
Doors and Windows



Spot and/or Crack and Crevice
around Doors and Windows



Hardscape/Impervious Surfaces vs. Soil/Mulch Areas

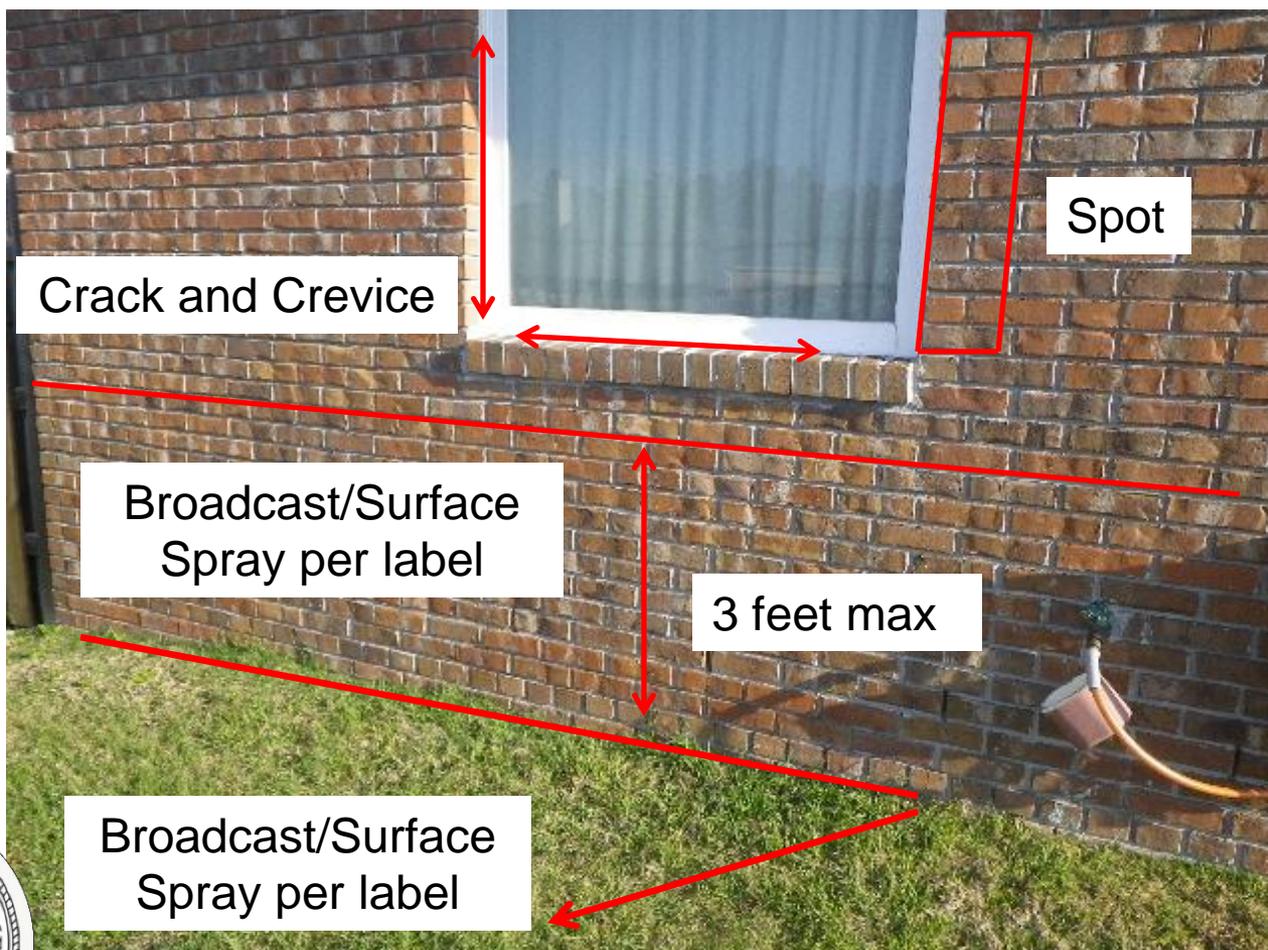


Spot and/or
Crack-Crevice
Treatment

Broadcast/Surface
Treatment per label



Broadcast/Surface Spray vs. Spot-Crack and Crevice Spray



Don't Even Think About It!

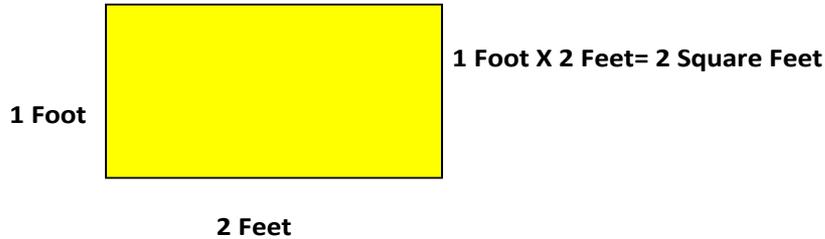
*A spot treatment is not to exceed
two square feet.*

**Making adjacent spot treatments to
cover a large area is not allowed!**



Spot Treatment

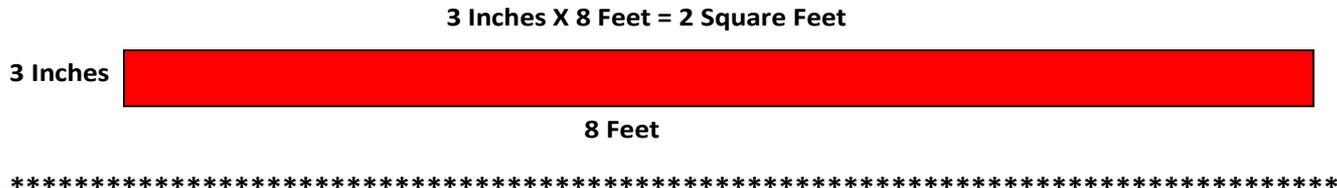
2 Square Feet



2 Square Feet



2 Square Feet



Pretreat Restrictions

- ▶ Most of the restrictions are the same as before. **Do not** treat saturated soil and cover prior to expecting rain. To prevent drift apply only when wind speeds do not exceed 10 mph.
- ▶ Labels will now require treatment restrictions within 10 feet of storm drains and 25 feet of aquatic habitats such as ponds, creeks, rivers, reservoirs, marshes, etc...



Other Restrictions

- **Do not treat when raining.**
- **Do not apply to point of runoff (includes granular products that may be watered into lawn after an application).**
- **Keep out of gutters and drains.**



Pyrethroid Identification

- ▶ Synthetic pyrethroids are identified by chemical names usually ending in “...thrin” (such as Bifenthrin, Deltamethrin, Permethrin, etc...).
- ▶ Beginning with “Cy...” (such as Cypermethrin, Cyfluthrin, Cyhalothrin, etc...)
- ▶ Two others **not** identified by “Cy...” and “...thrin” are Taufluvalinate and Esfenvalarate.





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