Pesticide Laws, Regs, and Education for Kentucky Pesticide Applicators

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Cooperative Extension – County Agents
KY Pesticide Certification

Certification: to apply restricted-use pesticides OR sell pesticides

Pesticide Applicators: include owners and employees: Lawn Care, Urban Pest Control, Ag. Pest Control (private and commercial)

Pesticide Dealers: farm supply stores, e.g.
Pesticide Categories: a whole bunch of them

Categories 1-17
KY Pesticide Certification

To earn certification: must pass exam

To maintain certification: must earn continuing-education hours

3 general hours
9 specific hours
in 3 years
Most important: follow pesticide label, must keep MSDS at work site

Employers: must follow WPS standards

Keep application records
Applicators/Employers Must follow pesticide labels: most important “law”
Personal Safety, Environmental Protection are the biggest concerns of the Pesticide Safety Education Program

Most restricted-use pesticides are so because of environmental concerns

So: pesticides that are toxic to people and environmentally important pesticides are not always the same thing
Pesticide Applicators and Water Quality

Pesticide Labels: place responsibility of ground-water protection on the applicator

e.g.: “users are advised not to apply atrazine to sand and loamy sand soils”
Pesticide Applicators and Water Quality

Runoff Potential

Map showing watershed classifications and runoff potential across the United States.
Pesticide Applicators and Water Quality

Leaching Potential
Pesticide Applicators and Water Quality

Water Quality Topics:

point source, non-point source

spills

backflow prevention

groundwater