



Entomology, Plant Pathology, and Weed Science

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Skeen Hall Green Labs Program

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Energy conservation and efficiency: lab practices include unplugging and /or turning off non-essential electronic devices (computers, monitors, heat plates, biological hoods, scales, electric pipets) when not in use. The last person to leave the lab turns off the lights. Natural lighting from lab windows is used when possible. Inefficient lab equipment is traded in for newer, more energy efficient models or disposed of.

Water conservation and efficiency: autoclaves are used at scheduled run times to maximize the amount of material autoclaved per load. Water leaks are reported to Office of Facilities and Services when they are noticed. RO/DI filtered water is only used when necessary to reduce the amount of excess water consumed during filtration process.

Chemical use and disposal: labs properly dispose of waste chemicals per the EH&S waste disposal request forms and guidelines for disposal. Labs have traded in mercury thermometers for non -mercury thermometers through the EH&S trade- in program. Containers of volatile or other potential hazardous fume chemicals are capped when not in use. Chemicals are recycled when possible (e.g., gel buffers, dry ice). Efforts have been made to replace more hazardous chemicals (e.g., SYBR green) with less hazardous options (SYBR SAFE).

Materials management: labs reuse or recycle boxes, packing materials, bottles, paper and other materials (e.g., plastic tip boxes, foil) when possible. Electronic versions of catalogs and periodicals are used when possible, or borrowed from other labs. Plant materials such as used soil are re-used when possible or placed in centrally located composting areas for delivery to the Fabian Garcia farm. Light bulbs are recycled. Resources are shared with other labs.

Training for lab users on sustainable practices: Lab members are advised on sustainability practices and encouraged to participate, suggest, and implement practices.