

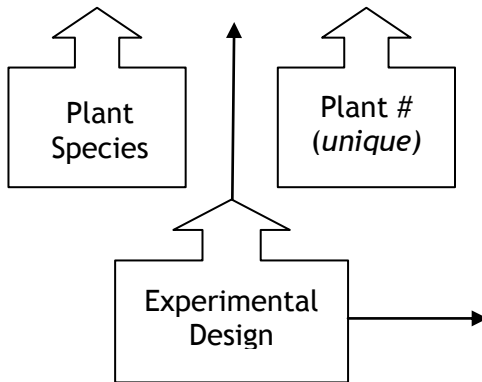
ECHS - Lee has selected horticulture, and community gardening as a highly relevant and appropriate topic to teach the critical thinking and communication skills necessary for industry level experimental design, data collection, group decision making, and attention to detail in the production of a deliverable product. Summary information about a given plant species and experimental design below and student work products are available from the web link.



Available Work Documents:

Photo logs, % saturation data, soil chemistry, bio mass, lab reports...ect

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**Date Planted:** 10/28/2012

**Plant Species:** Burpee Peppers

**Independent Variables:** all soil types, amendments, temperature and water conditions per generic process.

**Dependent Variables:** days to germination, bio mass at time of transplant, fruit production

**Controls:** Generic seeding germination process with 96 hours at air conditioned growth followed by 4 - 6 hours of outdoor temperatures between 80 - 90 degrees in the shade. Soil moisture controlled at 6% - 12% with daily watering.

**Summary of Effort:** This is a baseline crop that is grown in the most standard conditions to provide data for other experimental designs to be compared against.

***Work to Learn, Learn to Lead!!!***

