

Sustainable Nursery Irrigation: Controlling Growth & Reducing Risk from Changing Irrigation
Water Resources and Regulations Workshop
McMinnville, TN, 25 Sept. 2014.

Sponsored by the Southern Risk Management Education Center.

Nursery Drought Preparedness Inventory

1. Has the workshop given you ideas how to improve your current irrigation practices?

100% Yes, 0% No

If yes, please list 3 ideas:

technology (2), cyclic irrigation (5), nutrients, spacing (6), time of day watering (4), length of water time, IPM, 1,2,3 grading of pest, grouping, conserve water (2), less fertilizer, less disease, irrigation audit, group plants by water needs, leachote fraction (3), cups on grid, 20/space/20/space, EC/water sensors in pot, check more often depth of moisture in ground before irrigating, plant architecture, precision irrigation, maintenance, capture factor, monitoring, possibly reevaluating the pot in pot irrigation, monitoring water usage to see whether cuts can be made, jit type, new products, remove uniformity, tools, ducil, fertigation technique

2. As a result of this workshop, do you plan to use irrigation water more precisely?

95% Yes 5% no

3. Do you plan on keeping better records of your water cost in the future?

82% Yes, 4.5% No, 13.5% Already keep excellent records

4. In areas where you use overhead irrigation, will you switch to micro-irrigation?

4% In all areas, 43% In a few areas, 40% Probably not, 8.5% Do not use overhead, 4.5% Maybe for 3 gallon containers

5. What types of irrigation technology are you considering using at your nursery?

23.8% Water tests, 9.5% Moisture sensors, 4.8% Leaching Fraction, 0% ET, 76% Other (Combinations of those listed. Most frequently listed was water tests and leaching fraction)

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<http://plantsciences.utk.edu/pdf/fulcher_results_nurserycrop_drought_and_preparedness_inventory.pdf>.

6. Do you plan to have your water tested in the next 12 months?

90.5% Yes, 9.5% No

7. Other than a back-up source of water, do you have a written drought/water scarcity plan?

4.4%, Yes 95.6% NO

8. If #7 is "yes", does the plan include: (Check all that apply, Skip if answer to #7 was "No")?

(Only 2 participants responded to this question.)

100% Capture and reuse water, 0% Create priorities, 0% Change inventory

9. Do you better understand risk associated with water availability and changing laws and regulations?

95% Yes, 5% No

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