

Coastal Roots Seedling Check List

Please check for the following 3 times a week to ensure the success of your seedlings.



- **Check plants for fungal growth or other problems.** If you have a sudden die-off of plants, sudden wilting, or anything that is out of the ordinary – IMMEDIATELY contact Pam Blanchard (225/ 578-2297, <PamB@lsu.edu>) or Ed Bush (225/ 578-1044, <ebush@agctr.lsu.edu>)! *Nothing is more demoralizing to students than to have 980 dead plants because no one called when there was a problem.*
- **Make sure that the water is on for automatic sprinkler systems.** *Nothing is more demoralizing to students than to have 980 dead plants because no one realized there was a problem with the irrigation system and the plants wilted to death.*
 - Check to see that the sprinklers are reaching all of the seedlings, if not make proper adjustments to the sprinkler/riser heads.
 - Check to for leaks and pinched or plugged tubes on sprinkler system.
 - Use the troubleshooting page if your system is not working properly. If you need help troubleshooting, call one of the three listed above.
- **Check the water level in the mangrove tub.** Check the lining for leaks.
- **Fertilize seedlings once a week.** Refer to the fertilization information sheet for details.
- **Make sure that the green house is properly vented.** (If hot air is trapped in the greenhouse overnight plants can wilt). *NOTE:* Plants should not be kept in the greenhouse over the summer. All trays should be moved to the can yard and be kept there until fall planting.
- **Keep a log of plant growth rates and germination rates.** Dr. Blanchard needs this information for progress reports back to the grant agencies – as well as to plan for your fall planting trip.
- **Remove dead plants** and clean cells with mild bleach solution, rinse well. Plant disease can spread quickly. Remove all dead plants and dispose of the planting media and dead plant material. Clean yellow cells with a bottle brush to remove media stuck to the cell. Soak overnight in a mild bleach solution. Rinse thoroughly. Store in a secure place for reuse of cells at the beginning of the next planting cycle.
- **Remove any weeds growing in the cells.** Weeds take nourishment and water from seedlings. Have your students regularly weed cells. Your plants will be bigger and healthier when ready to plant in the fall.

