

## **Landscape and Nursery Career Development Event Problem Solving Event # 9 Sod Installation**

You have been asked by a customer to install sod in a square raised box. Establish the proper grade first. Remember to allow for the thickness of the sod. Calculate the amount of fertilizer needed based on the size of the box and then spread the fertilizer. Install the sod following the procedure listed below. Instruct the customer (judge) on how to water the new sod. Please allow enough time to dismantle the station at the end of the time period.

Study reference: Turf Installation in the Landscape Training Manual for Installation (chapter 8)

### **Procedure**

1. Establish correct finished grade so the sod is level with the top of the frame.
2. Rake lightly to level irregularities.
3. Roll with a water filled roller.
4. Broadcast fertilizer at a rate of 43.560 lbs / acre.
5. Lay the first row of sod parallel to a side of the frame. Continue along perimeter of the frame. Lay remaining rows parallel to the first side and stagger each row.
6. Butt seams tightly and trim as necessary (sprinkler head, valve box, and edges)
7. Roll with a water filled roller.
8. Explain proper watering procedure for newly installed sod.
9. upon judges approval, roll up full pieces of sod and return to pallet
10. Judge will determine the amount of soil to be removed.
11. Calculate the elevation difference between point A & B \_\_\_\_\_