Name:_____

School:_____

2014 Area IV & VIII
Agricultural Mechanics CDE

<u>GPS Skill Area</u>

Points are based on your performance of proper procedures as well as skill activities. Please practice safe methods while completing these activities. If you need any clarifications please ask for assistance.

Using the hand held Etrex GPS determine the distance between the following points:

1. Point A-B: _____ **ft**

2. Point A-D_____ **ft**

3. Point C-A_____ **ft**

4. What is the perimeter of the marked area? _____ **Ft**

5. What is the elevation change from point A-D? _____**Ft**

6. What is the latitude coordinate of point C: _____

Use the following parameters and the provided pesticide label to answer the following questions. Assume the distance from A-B is 125' and the distance from A-D is 75'. Application area is turf grass; pest is Billbugs

7. What is the total number of square feet in the plot using the assumed values? (4 points)

    Total Square Feet: _____

8. How many total acres are in the plot using the assumed values?

    Total Acres: _____

9. Using the maximum amount of pesticide how much would be needed to cover this plot of land using the assumed values?

    Total pounds of pesticide needed: _____

10. If using a Scott's ProTurf R-8A spreader what setting should be used to apply the maximum application rate?

    Spreader Setting: _____