Quiz 5 – Weeds, Drip Irrigation, Raised Beds Rain Barrels, Risk Management

Weed Management

1. Why is plant identification an important step in managing problem weeds?

2. Outline what steps you would follow to get a weed identified (other than bringing it to Frank 😊)

3. Weeds are seen as detrimental to home gardens as they compete with the crops that gardeners want to grow and harvest. List at least four items for which they compete:

4. Listed below are five weeds commonly found in the home garden. For each weed, specify its botanical name, life cycle (annual, biennial or perennial) and method(s) of reproduction. Hint: Use the New Jersey Weed Gallery: http://njaes.rutgers.edu/weeds/

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Botanical Name</th>
<th>Life Cycle</th>
<th>Reproduction Method</th>
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<tbody>
<tr>
<td>Purslane</td>
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<td>Galinsoga</td>
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<td>Lamb’s Quarters</td>
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<td>Common Chickweed</td>
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<td>Quackgrass</td>
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5. List at least three methods for controlling/preventing weeds for home gardeners.

Drip Irrigation:

6. List three benefits to drip irrigation:
7. Describe the below soil surface water spread pattern using drip irrigation for soils which are Sandy, Loamy and Clay:

8. Why is drip irrigation more efficient than using soaker hoses?

**Rain Barrels:**

9. If your roof were 1500 sq. feet of surface area, how many gallons of water would run off from a 1-inch rain event? **Hint:** Use the class blog link to the drip rain harvesting info sheet.

10. List 2 advantages to watering your garden from a rain barrel as opposed to town or well water?

**Raised Beds**

11. Why is soil organic matter management even more important in a raised bed garden compared to an in-ground garden?

12. Discuss a strategy you might use to plan for a continuous harvest of vegetable crops in a raised bed garden?

13. If using hoops and plastic on a raised bed for season extension, how much earlier could you plant your crops?

14. Describe the difference between a determinate or indeterminate variety of tomatoes:

**Risk Management**
15. The University of Maine gives liability coverage to volunteers who are:

- ☐ Performing duties for their garden club
- ☐ A volunteer acting in good faith and working on an approved UMaine Extension Master Gardener program or project.
- ☐ Completed their Master Gardener certification but don’t maintain an “active” volunteer status by re-enrolling.
- ☐ Helping their library association with their plant sale fundraiser.

16. True/False: Master Gardener Volunteers are authorized to sign contracts or agreements on behalf of University of Maine Cooperative Extension?

17. True/False: Refusal to provide reasonable accommodations to persons with disabilities may constitute illegal disability discrimination and create legal liability for the University.

18. What would be the proper procedures for an UMaine Extension Master Gardener Volunteer to follow in a crisis situation?