2017 York County Master Gardener
Open Book Review # 3

Due in in Class June 13th!!

This review is open book take home – use any and all resources, including consulting/working together with fellow MGs if you wish.

Please write CLEARLY or type your answers on the computer. You may submit your review as a email attachment of if you choose, print it and bring it to class completed.

Name: ________________________________

Vegetable Gardening in Maine

1. Name 4 cool season crops and 4 warm season crops.

2. List 4 factors that should be considered in choosing a garden site?

3. Name three different vegetables in the Cucurbitaceae family:

4. List 3 benefits for using transplants rather than direct seeding and list 3 crops that lend themselves well to it:

5. Name two benefits to using rowcovers in vegetable gardening?

6. List at least 6 vegetables that can be grown as both spring and fall crops.
**Weed Management**

7. When cultivating the soil for weed management, why is it recommended to cultivate shallow just below the soil surface?

8. From question 7 above, at what plant stage (developmental stage) does shallow cultivation work the best and at what plant stage is it less effective?

9. How does knowing whether a particular weed is an annual or a perennial help in developing a control strategy?

10. Listed below are five weeds commonly found in the home garden. For each weed, fill the table below with the pertinent botanical information.

   **Hint:** Use the New Jersey Weed Gallery: [http://njaes.rutgers.edu/weeds/](http://njaes.rutgers.edu/weeds/) or the UMass Extension Weed Herbarium: [https://extension.umass.edu/landscape/weed-herbarium](https://extension.umass.edu/landscape/weed-herbarium)

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Botanical Name</th>
<th>Life Cycle</th>
<th>Reproduction Method</th>
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</thead>
<tbody>
<tr>
<td>Pigweed</td>
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<tr>
<td>Field Bindweed</td>
<td>Celastrus orbiculatus</td>
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<tr>
<td></td>
<td>Rumex crispus</td>
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<tr>
<td>Canada Thistle</td>
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**Drip Irrigation and Rain Barrels:**

11. Why does drip irrigation allow water to penetrate the soil more deeply than in using an overhead sprinkler system? **Hint:** refer to the fact sheet on drip irrigation from the blog post.

12. A rain barrel must be elevated by ______ feet above the garden surface to gain 1 Pound per Square Inch (PSI) of pressure. **Hint:** refer to the fact sheet on drip irrigation from the blog post.
Raised Beds

13. List 3 advantages and 3 disadvantages for gardening in raised beds.

   Advantages:

   Disadvantages:

14. Why is it recommended that raised beds be no wider than 4 feet?

15. Raised beds have limited space, therefore, what are some strategies (list 3) you could adopt for to plan for a continuous harvest and keep the bed full all season long?

Landscape Design:

16. What questions should you consider when preparing to design a landscape?

17. What is the difference between a site analysis and site inventory?

18. Why is it important to have an accurate base map?

Herbs:

19. What is an herb?

20. What are some methods to successfully growing herbs indoors?
21. What should you consider when harvesting and drying herbs?

**Extra Credit:**

Complete this original poem 🙂:

*Trillium erectum* is Red

*Delphinium elatum* can be Blue

*Solanum lycopersicum* dance in Frank’s head

*Lavandula angustifolia* is for Sue