A picture containing food, plate, drawing

Description automatically generatedLSU AgCenter Home Gardening Certificate Course

Home Lab Activity # **11**

Activity Title: **Controlling Disease Without Pesticides**

**Materials Needed:**

Plant Disease Triangle

Knowledge gained from Module 11 lecture

**Instructions:** Though pesticides were mentioned, the main purpose of Module 11 is to indicate that there are many things you can do to prevent disease in your garden without the use of pesticides.

Using the Plant Disease Triangle and the Module 11 lecture, indicate which link in the triangle the following actions are intended to break. Answers are provided in a separate document titled: “Home Lab #11 Answers”.

1: Rinsing your pruning shears in 10% Clorox solution after cutting and removing a diseased pepper plant from your garden.

2: Irrigating your garden with a soaker hose instead of an overhead sprinkler.

3: Purchasing pepper plants from your local garden center instead of getting free plants from your neighbor.

4: Planting cucumber variety Bristol (HR: A, ALS, CMV, S, ZYMV. IR: DM, PM, PRSV.) instead of Striped Armenian, an heirloom variety.

5: Planting tomato plants 2 feet apart instead of 1 foot apart.

6: Adding 3” of dark pine bark mulch around the squash plants in your garden in early spring.

7: Adding sand and organic matter to the heavy clay soil in your garden.

8: Purchasing Cherokee Purple tomato plants that have been grafted onto a disease resistant rootstock.

9: Growing your vegetables in a raised bed garden instead of inground.

10: Planting cucumbers in the raised bed that you used for growing tomatoes last year.

**Results:**

**Reminder to post a photo to discussion board link:** [https://www.facebook.com/groups/538153443545779/](https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.facebook.com%2Fgroups%2F538153443545779%2F&data=02%7C01%7CJWillis%40agcenter.lsu.edu%7C1fa7b9799bb84b8c5bca08d812c8d704%7C804b509899084bdf9c06b3df777563aa%7C0%7C0%7C637280001091919306&sdata=JsQNm5K3rh81uLoONJ%2FOJfxBxCEGEmJXtfMIdw731Sw%3D&reserved=0)

