

## GROWING ENVIRONMENT– MATCHING WORKSHEET

Name \_\_\_\_\_

Date \_\_\_\_\_

### Matching

- |                        |                             |
|------------------------|-----------------------------|
| a. aeration            | l. perlite                  |
| b. aggregation         | m. permanent wilting        |
| c. capillary water     | n. photoperiodism           |
| d. clay soil           | o. relative humidity        |
| e. gravitational water | p. sandy soil               |
| f. leaching            | q. slow-release fertilizers |
| g. limestone           | r. soil                     |
| h. loamy soil          | s. sphagnum moss            |
| i. medium              | t. transpiration            |
| j. mulch               | u. tree bark                |
| k. peat moss           | v. vermiculite              |

- \_\_\_1. the process of nutrients washing out of soil
- \_\_\_2. gray colored volcanic material used to improve aeration
- \_\_\_3. exposing soil to air flow
- \_\_\_4. the amount of moisture in the air
- \_\_\_5. product placed on the soil surface to help retain soil moisture
- \_\_\_6. organic material composed of sand, silt, and/or clay
- \_\_\_7. the water soil cannot hold against the force of gravity
- \_\_\_8. decomposing vegetation that is found underwater
- \_\_\_9. a type of rock that raises the pH levels in the soil
- \_\_\_10. plant food that is slowly made available to plants
- \_\_\_11. the collection or clumping of soil particles
- \_\_\_12. the response of a plant's growth to the different periods of the day and night
- \_\_\_13. bark from pine or oak trees that are broken into small parts
- \_\_\_14. the most balanced soil containing nearly equal parts of clay, silt, and sand.

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- \_\_\_ 15. light material that has a neutral pH which holds moisture in planting media
- \_\_\_ 16. soil that must be at least 30 percent clay and holds moisture and plant food well
- \_\_\_ 17. the dried remains of acid bog plants that is shredded and holds moisture well
- \_\_\_ 18. the point when wilting reaches an extreme and causes death
- \_\_\_ 19. the evaporation of water through the plants leaves and stems
- \_\_\_ 20. the water that is held against the force of gravity in the pore spaces of the soil
- \_\_\_ 21. soils that contain less than 20 percent of silt and clay by weight and do not hold moisture or nutrients well
- \_\_\_ 22. soil or sand substitute in which plants grow