

GROWING ENVIRONMENT– MATCHING WORKSHEET

Name _____

Date _____

Matching

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|------------------------|-----------------------------|
| 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.



- ____ 15. light material that has a neutral pH which holds moisture in planting media
- ____ 16. soil that must be at lease 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 that 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