Homework: Plant Pathology

1. What 4 components must be present for biotic disease to develop?

2. Another name for the living cause of disease___________________________

3. Another name for the non-living cause of disease________________________

4. List 3 ways to manage powdery mildew on a shrub.

5. A customer brings you a foot-long branch of an aspen tree. The leaves on the branch tips are dark brown and wilted; the branch tip is bent over. Could this be fire blight? Why or why not?


7. How are leaf scorch and winter desiccation similar in terms of how they develop? In symptom expression?

8. A ten-foot row of low growing junipers is planted between the west facing side of an apartment building and a sidewalk. By mid-winter the sidewalk side of the junipers begins to turn completely brown. What symptom supports an abiotic diagnosis? State a possible cause of the juniper symptoms.