**VIDEO GUIDE FOR BOZEMAN BIOLOGY – PLANT CONTROL**

1. Explain the agar experiment that proved the existence of hormones (described at the beginning of the video).
2. What are the functions of auxins?
3. What are the functions of cytokinins?
4. Why does severing the terminal bud of a plant make it bushier?
5. How do auxin and cytokinins work together to help a plant survive?
6. What are the functions of gibberellins?
7. What are the two major functions of abscisic acid?
8. What are the functions of ethylene?
9. Describe the three types of tropisms.
10. What is the difference in long day (aka short night) and short day (aka long night) plants?
11. What is responsible for photoperiodism?