Procedure

 Light fixture where quick plants were grown

**Ingredients**:

1bag   Potting soil

1gal   Calistoga Spring Water

150    Edvotec Quick plants seeds(Arabidopsis thaliana)

5      500ml glass bottles

5      6-sectioned plastic plant containers

.005ml MTBE

1      Ranin micropipetor

1      250ml graduated cylinder

1      growth light

**Procedure**:

1. Gather Ingredients

2. lightly pack potting soil into plant containers

3. place 5 quickplant seeds into each section of every container

4. label glass bottles for 10,000 ppb MTBE,1,000 ppb MTBE, 100   ppb MTBE, 10 ppb MTBE, and control.

5. fill glass bottle labeled 10,000 ppb w/ 500ml spring water

6. use micropipetor to add .005 ml MTBE to the spring water, mix  well.

7. take the bottle labeled 1,000 ppb and fill with 450ml of       spring water.

8. pour 50 ml of the 10,000 ppb into the 1,000 ppb.

9. repeat for the 100 and 10 concentration bottles.

10. add 500ml of spring water to the control bottle but do nothing else to it.

11. place seed containers under growth light

12. label each container with a different concentration of MTBE

13. keep soil moist with seperate solutions

14. leave light on for 6 hrs every day.

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