

seeds are given 31.7 ml of water, then 7.6 seeds will germinate, because seeds need water to germinate.

An unexpected result was that \_\_\_\_\_

The unexpected results may have happened because \_\_\_\_\_

### Applications:

This procedure could be used to test a variety of variables on the germination rate of seeds. For example, scientists could use different water temperatures, various locations including an oven, a freezer, a classroom, or apply different types of pesticides or herbicides, in the attempt to germinate seeds. Farmers could also use this information for the further investigation of plant growth, the rate of germination, or germinating practices.

From this experiment it can be learned that seeds will germinate with the right amount of water, Period 6, showed that on average 31.7 milliliters of water would germinate 7.6 seeds on average. The results of this experiment could also be applied to Biology, Economics, Botany, historical farming practices and current farming practices.