

# The Effect of Average Water Usage on Average # of Seeds Germinated

Average Water Usage per Class	P <sub>6</sub> $\frac{31.7}{\text{ml used}}$	P <sub>2</sub> $\frac{29.3}{\text{ml used}}$	P <sub>7</sub> $\frac{30.4}{\text{ml used}}$	P <sub>3</sub> $\frac{31.5}{\text{ml used}}$	Birch Team $\frac{30.7}{\text{ml used}}$
Average # of Seeds Germinated per Class	$\frac{212}{224} = 7.6$	$\frac{187}{199} = 7.5$	$\frac{170}{184} = 7.4$	$\frac{145}{159} = 7.3$	$\frac{179}{192} = 7.4$
% Seeds Germinated	95%	94%	92%	91%	93%

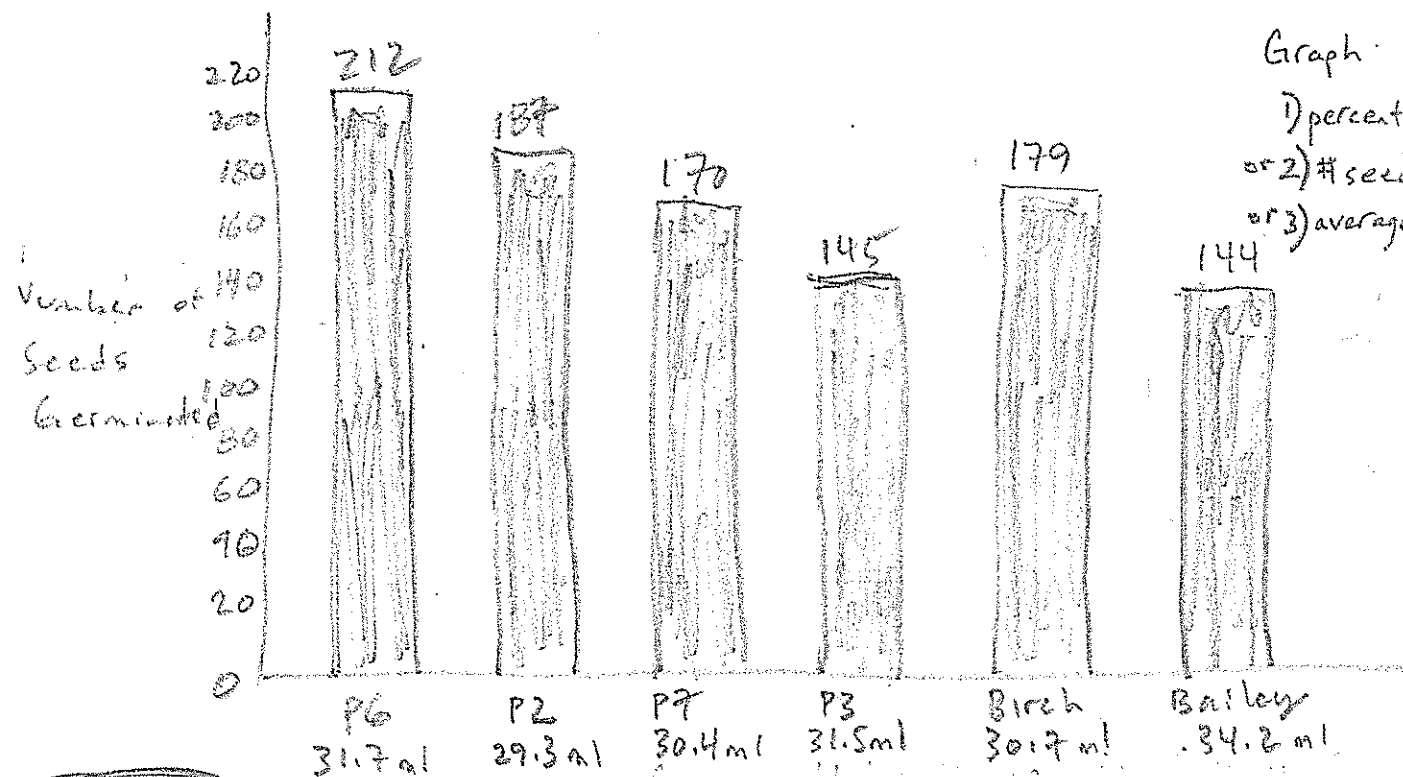
On average, 212 seeds germinated for Period 6, having used 31.7 milliliters of water. Period 6 had the highest germination percentage rate of 95 %.

Bailey Team  
34.2 ml used

$$\frac{144}{182} = 79\%$$

## Germination Lab (Graph)

### The Effect of Water Amount on Seed Germination



Graph can be:  
1) percent that germinate  
or 2) # seeds germinated  
or 3) average # seeds germinated

## Discussion

### Claim-

The purpose of the experiment was to determine how much water is the correct amount to germinate eight seeds in six <sup>school</sup> days.

The prediction was if eight seeds are given 64 milliliters of water, then eight seeds will germinate, because Seeds need the correct amount of water to germinate.