

PlantingScience Research Proposal

Question we are investigating:

How do insects affect plant growth?

Materials we will need are:

Pot to put the plant into, black dirt, isopod, mealworm, alfalfa seeds, sink water

What we will change (independent variable):

We would need to change the different types of insect in each plant. One pot will have mealworms, one pot will have isopods, and one pot won't contain any insects.

What we will measure/observe (dependent variables):

Plant health, insect life, effect of insects on the plant health, look how tall the plants grow, the amount of leaves the plants have, the color of the plants

What we will keep the same (controls):

The amount of insects in each pot, the amount of water each plant receives, the same number of plants/sprouts in each pot.

Our hypothesis:

If we add insects to the plant soil, then the insects will aerate the soil and plant growth will be better compared to the plant without insects.

Background Resources (Just add links here):