

Science Fair Display Board

Exhibit size is limited to: 76 cm (30 in) deep, front to back
 122 cm (48 in) wide, side to side
 327 cm (108 in) high, floor to top

The dimensions shown represent the maximum allowable size. It is not intended that each project will meet this space allowance. Smaller exhibits will be welcomed. Boards are available at office and discount stores, or from your teacher. Include photographs if possible.

Sample Display Board

PURPOSE

The purpose of this experiment is to find out which type of fertilizer, whether organic or inorganic, will speed the growth of plants.

HYPOTHESIS

If different types of fertilizers are added to plants then the plants receiving the organic fertilizer will grow faster because of the lack of toxins and pesticides found within the organic fertilizer.

MATERIALS

- Six plastic cups
- Six bean plant seedlings, already germinated
- Six small plastic plates for drainage
- One bag of organic fertilizer of a particular brand
- One bag of inorganic fertilizer of the same brand as the organic
- Two to three gallons of distilled water

ABSTRACT

(Placeholder for abstract text)

Which Fertilizer Will Grow Plants Faster?

GRAPHS

Days	Control	Organic	Inorganic
1	10	12	11
2	15	18	16
3	20	25	22
4	25	32	28
5	30	40	35
6	35	48	42
7	40	55	48
8	45	62	54
9	50	70	60

PHOTOGRAPHS

All graphs and photos taken from <https://images.search.yahoo.com>

PROCEDURE

- Germinate bean plant seeds if you did not purchase them as seedlings.
- Poke holes with scissors in the bottoms of the cups for adequate drainage.
- When seeds are germinated or seedlings are purchased, fill three plastic cups with organic soil and the other three plastic cups with inorganic soil.
- Plant seedlings in each cup.
- Water every three days, or when the top of the soil is dry to the touch. You will water with distilled water only to avoid possible contamination by any mineral deposits that are in the tap water.
- Continue watering and growing plants for about six weeks.

RESULTS

The results of my experiment showed that plants receiving organic water grew at the same rate as the plants receiving inorganic water. Plants receiving the organic the water appeared to be healthier than the plants that received inorganic water. They had more leaves and appeared to have a darker color than the plants receiving the inorganic water.

CONCLUSION

My hypothesis was incorrect. Since the plants grew at the same rate, the type of water did not make a difference in the speed of plant growth.



Please Note: The Abstract can be placed in a non-glass frame on the table in front of the display board.