

# EFFECTS OF ROAD SALTS ON LOCAL PLANT GROWTH

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**PERIOD:** 3rd

**TEACHER:** Smith

## QUESTION:

Does the presence of road salt affect plant growth?

## HYPOTHESIS:

The plants exposed to road salt will be shorter than unexposed plants.

## MATERIALS/APPARATUS:

Plant seeds  
Road Salt  
Generic fertilizer  
5 oz. planting pots  
Potting soil

## PROCEDURE:

Over the course of 15 weeks, plant 2 groups of plants. Expose the Road Salt Group to road salt, and don't expose the Control Group to road salt. Hold all other variables (light, water, airflow, and so forth) the same for both groups.

## CONCLUSION:

After 15 weeks, the data suggests that road salt impairs plant growth. The average Control Group plant height was 10.5 cm. The average Road Salt Group plant height was only 7.6 cm.



**HEIGHT SUMMARY (CM)**

DATE	WEEK 1	WEEK 5	WEEK 10	WEEK 15
CONTROL	2.1	5.7	8.6	10.5
ROAD SALT	1.7	4.1	6.6	7.6

**AVERAGE PLANT HEIGHTS (CM)**

