



The impact of light on germination



Necessary materials and tools:

Petri dishes, aluminum foil, (wadding,) cotton wool, pumpkin seeds, water.

Description of experiment:

Take out the seeds from the pumpkin's pulp, wash them carefully and divide them into two Petri dishes!

Put cotton under them and sprinkle them with water.

Cover one of them with aluminium foil but they have to get some fresh air and put the other one in a lightsome place!

Conclusion:

We can notice observe that, the pumpkin's seeds are starting germinating in the dark!

Explanation:

The (outdoor) outer conditions of the germination!

- moisture
- air (oxygen)
- sufficient temperature
- (light) - The plants are mostly inactive to the light (wheat, corn) for example (such as) the pumpkin (is) germinates only in dark while the tobacco does only in light!