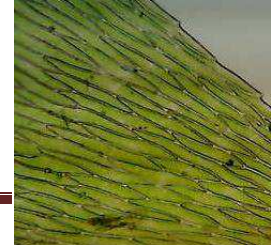




Detection of starch formed during photosynthesis



Necessary materials and tools:

Microscope slides, cover slips, scalpel, spear, dropper, water, beans, wheat, barley, rice, corn, potato tubers.

Description of experiment:

Prepare scrape from starchy seeds (beans, wheat, barley, rye, corn) and potato! Analyze it with microscope! Put down the experiments in the exercise book!

Result:

Bean, wheat and potato have got simple starch.

Rise and potato have got complex starch.

Starch of bean, wheat and rise is in concentric stratification.

Starch content of the potato is the biggest, it is smaller in the bean and wheat, and the smallest grit can be found in rice.

Explanation:

The vegetable starch is a stored, reserved nutrition which is in the seeds, crops and tuber.

In different plants there are different shaped and built starch granules.