ECOLOGY SHORT NOTES

Contents

## BIOMOLECULE TESTS:

### Testing for carbohydrates

Testing for the presence of starch (complex sugar)

Lugol's reagent (**iodine test**) changes from yellowish-brown to dark purple/black.

Testing for simple carbohydrates (monosaccharides and some disaccharides)

Benedict's solution

### Testing for lipids

Grease spot test/Brown paper test

As we all know from experience, lipids leave translucent spots (grease spots) on unglazed brown paper bags.

**Sudan Red test**

Sudan red is a fat-soluble dye that stains lipids red. Using Sudan red can show the amount and the location of lipids.

### Testing for proteins

**Buiret test**.