

(b) Polychlorinated biphenyls (PCBs) are chemicals that can reduce the number of sperm produced.

It has been claimed that eating fruits such as tomatoes, papaya and watermelon can increase the number of sperm produced. These fruits contain lycopene (lyc), a chemical that is thought to increase the number of sperm produced.

An investigation was carried out to study the effect of lycopene on the number of sperm produced in rats.

One group was exposed to PCBs and then half of these rats were given lycopene.

Another group, the control rats, were not exposed to PCBs. Half of these rats were given lycopene.

The graph below shows the results of this investigation.

