

# Acid Rain Quiz



What do you already know about acid rain?

Pure rain water is ...

- acidic
- neutral
- alkaline

Acid rain is caused by ...

- natural processes
- emissions from nuclear power stations
- exhaust fumes from cars
- burning fossil fuels

The following gases contribute to the formation of acid rain:

- CO<sub>2</sub> (carbon dioxide)
- SO<sub>2</sub> (sulphur dioxide)
- NO<sub>x</sub> (nitrogen oxides)
- N<sub>2</sub> (nitrogen)
- O<sub>3</sub> (ozone)

The following effects are caused by acid rain:

- destruction of the ozone layer
- heart diseases
- dying of fish in Scandinavia
- corrosion of buildings
- global warming
- deforestation

In Europe the amount of emissions leading to acid rain ...

- is still increasing
- has been reduced in the past 15 years
- has remained the same for the past 15 years

Measures undertaken to reduce the acidity of rain and/or the effect caused by acid rain include ...

- spraying of substances that neutralize it
- catalytic converters in cars
- less private traffic and less air traffic
- acid resistant materials for buildings, clothes and car finishes
- filters in chimneys of power plants and factories

In Baden-Württemberg acid rain ...

- is no longer a serious problem
- has already seriously damaged a quarter of the trees
- affects some forest areas less than others