

TRY IT!

EVERYDAY CHEMISTRY AUGMENTED REALITY BOOK

DEAR INQUIRER,

With the help of this test page you can try the augmented reality experience for free. We have brought one of our 40 topics as a sample, so you can get an idea of what awaits you in the book.

> 12 16 Te.

12 -

III.

TE.

TE. TE. -

TE. -12 -

12 3

12 3

12 3 E 3

T. 5

2 3

-

-12

3 TE.

-TE.

3 12

3 TE.

3 12

3 12

2 Tie.

5 Tie.

2 III.

- Print this page in colour or black and white!
- Download our AR Books LibrARy app. Use the QR code or visit arbookslibrary.com/app.
- After starting the application, press the PLUS button to add the test publication using the text code or the QR code.
- Click "Try it!" publication, then point the camera of your mobile device at the image shown here.



Enjoy the WOW experience!



from fertilisation to problems caused by livestock.

CHEMISTRY IN THE SOIL

Today, the mineral content of arable soils is fully exploited due to the constant and high food demand of man-kind. The valuable elements in the soil are partly replaced by both naturally and industrially produced fertilisers.



phosphorus and potassium compounds.

If natural fertilisers are not available in sufficient quantities, fertilisers are applied by specialists and absorbed by the plants in the form of a water solution Fertilisers are modern agrotechnical methods. Their professional and optimised use helps to achieve **better yields**.















EXCESSIVE FERTILISATION

The environment is **negatively** affected by excessive, possibly inappropriate, fertilisation. Nitrogen leaching from the soil and migrating into groundwater causes algae growth in surface water and increases nitrate levels in drinking water. Some of the active ingredients of phosphorus and potassium fertilisers not taken up by plants are also leached and migrate with groundwater, contaminating wells and water bodies. Increasing the dissolution of calcium can lead to soil acidification, which adversely affects its micro-nutrient content.

Text code: TRYIT











HAZARDOUS GASES

Have you heard the surprising claim that cattle are largely responsible for global warming? Ruminants emit large amounts of **methane**, a highly green-house gas. Another cause of methane production in agriculture is rice cultivation. Methane is also produced as a by-product of the decomposition of or-ganic matter in the oxygen-depleted en vironment of waterlogged rice paddies In addition to methane, carbon dioxide is also a major environmental pollutant, contributing to global warming.







🆞 DID YOU KNOW?



CHEMISTRY BELOW & ABOVE