

10.2 Fertilisers

Name: _____ Class: _____ Date: _____

Total: 8 marks

KEY WORDS potassium 钾 • phosphorus 磷 • fertilisers 肥料 • nitrogen 氮气
• deoxygenation 缺氧

Objective

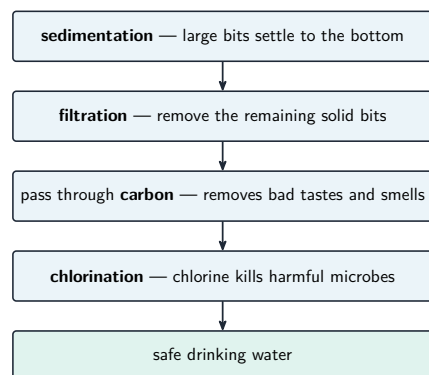
Build the skills to answer exam questions on **fertilisers** 肥料 — what they do and the three key elements (**NPK**).

You must be able to:

- state what fertilisers are used for
- name the three elements in NPK fertilisers
- recognise common fertilisers (ammonium salts, nitrates)

1 Worked examples

■ NPK fertilisers



Fertilisers add the elements plants need; excess nitrates can run off into water

- fertilisers** help plants grow; common ones are ammonium salts and nitrates.
- NPK** supplies Nitrogen, Phosphorus and **K** (potassium).

2 Practice

2.1 State what fertilisers are used for.

[1]

2.2 Name the three elements in an NPK fertiliser.

[3]

3 Exam-style questions

3.1 The letter N in NPK fertiliser stands for:

[1]

A	B
C	D

A sodium

B nickel

C nitrogen

D neon

3.2 Ammonium nitrate is used as a fertiliser.

(a) Name the element it supplies that promotes leaf growth.

[1]

(b) Explain one problem caused if too much fertiliser washes into rivers.

[2]