

Solutions

Each answer shows the steps, then the **result**.

2.1

- To minimize pesticide use (use chemicals only as a last resort)

2.2

- Any two: biological control, traps/barriers, crop rotation, resistant varieties

2.3

- Only as a last resort, sparingly, when pests exceed a threshold

3.1 B

- as a last resort, sparingly

3.2

(a)

- Any two: release natural predators, use traps/barriers, rotate crops, plant resistant varieties

(b)

- Less pesticide use means less selection pressure on pests, so resistance develops more slowly

3.3

- Eliminating pests entirely is costly and drives resistance; keeping them below a damaging threshold protects the crop while using far fewer chemicals