



Growers are always looking for ways to improve the quality and the quantity of their crop yield.



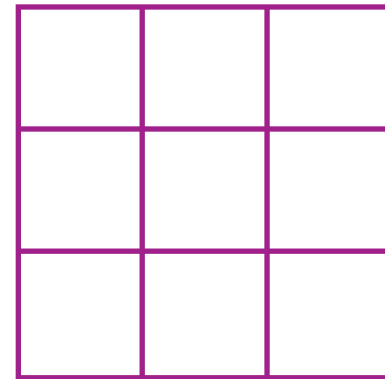
Experiments are conducted to test out

- new varieties
- fertilisers
- planting systems and so on.

Different parts of a field have different yields. Why does this happen?

In a **Latin square**, each row and each column has all the **variables** once and only once.

Latin square design is often used for field experiments. **Why?**



Use a Latin square design to test 3 **different varieties** of rhubarb.

There are 12 possible layouts.
Can you find them all?

Do you think all 12 designs are really different?

growing food