



Lettuce Phenotyping



Describing a plant's traits

Plant Phenotyping is an important skill that looks at the physical characteristics and appearance of plants.

The physical characteristics of a plant relies on two things: its genetic information (genotype) and the environmental conditions and impacts in which the plant has grown.

YOUR CHALLENGE

You are a farmer who is looking to plant a field of lettuce and you need to work out which lettuce will grow the best in your farm environment.

Read the environmental information below and decide which lettuce you think will grow the best. Using your observations above to justify your choice:

Your farm has:

- Sandy soil
- Hot weather
- Occasionally has problems with bugs eating the leaves of plants.

Lettuce 1.

Lettuce 2.

Lettuce 3.

Lettuce 4.

Which lettuce would you choose? Use your phenotyping notes to justify your choice.
