

The Potato Story

Learning Objective: To understand and explain what can affect the growth of a plant.

Farmer Colin has planted a crop of potatoes in his fields. The only problem is that the plants don't seem to be growing at all well.

Using all the information you have learned from using the 'Growing a potato simulation', can you help Farmer Colin figure out what the problem is?

Field 1:



Why aren't Farmer Colin's plants growing in this picture?
There's not enough water (Drought)

Field 2:



Why aren't Farmer Colin's plants growing in this picture?
There's too much water. (Flood)

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Activity sheet 2: Farmer Colin's Conundrum (Answer Sheet)

Field 3:



Why aren't Farmer Colin's plants growing in this picture?
There's not enough light.

Field 4:



Why aren't Farmer Colin's plants growing in this picture?
There are pests eating the leaves.

**Pupils could also suggest the following
(though not necessarily all of them):**

**Not enough warmth / frost
Too much warmth
Lack of nutrients from the soil
Disease**