

## Sweet peas experiment



It's 10<sup>th</sup> May 2022 and we have decided to grow sweet peas.

First, we soaked them overnight to help the seeds germinate. Tomorrow, we will plant them in 3 different size module trays.

We have chosen multi-cell, sustainable trays recommended by Charles Dowding.



The experiment is set up to check what size cells are best for peas to grow. We suspect that the biggest ones will be best, but we want to check the smaller ones too and find out the difference.

We put one seed in every cell, covered them with compost and watered them well.



The trays with seeds will stay on our sunny windowsill, until they are big enough to be transplanted to the raised bed. The seedling needs to have 2 leaves and strong roots to be ready for repotting. It will take about a month. In the meantime, we will monitor their growth and water them when the soil dries out.



Yeah! The peas are growing!

We are observing, comparing, taking turns with watering the trays and keeping our fingers crossed. Most of Gardening Club members like sweet peas and we cannot wait to eat them.



After about 3 weeks, we have noticed first shoots. How surprised we were, when we found out that there was not much difference between the trays with germination ratio. Sadly, not all peas have sprouted.

Now, we are racking our brains to find out why!



At the end of June, we have spotted a few pea pods. They grew fatter and separate beans could be distinguished. That's a success we are proud of.



It's 6<sup>th</sup> July and the peas are ready! Our keen, young gardener says they are "really sweet, juicy and yummy".

We will definitely grow more next year!

It's July now, and we can say that we can grow peas. It makes us feel happy and proud of ourselves, as the project was successful.

We are still not sure why many of the pea seeds didn't sprout, but we suspect the seeds could have been damaged when being planted. Next time we need to be more careful.