LEAF GROWTH MODELLING

Aim: To take the different rate of growths within the compartments itself so as to form a more accurate leaf structure.

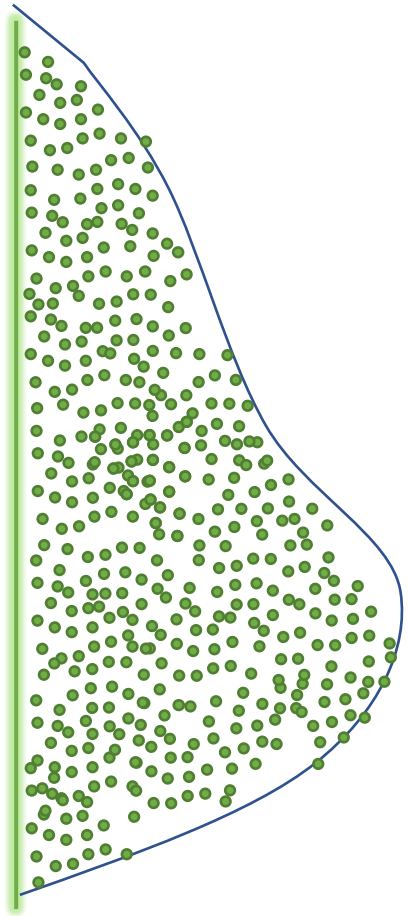
Idea:

- we take various rates of growth of each of the compartments laterally and study the growth of the leaf.
- The rates of growth of the compartments are varyied to obtain different leaves.
- Here we have taken the case of the Gaussian function (skewed) and the sine wave function to obtain 2 different leaves.

- Nextly, we take various rates of growth of each of the compartments laterally and study thegrowth of the leaf.
- Here we have taken the case of the Gaussian function (skewed) and the sine wave function to obtain 2 different leaves.

A sine wave kind growth of leaf is expected from our approach.

A sine wave kinda growth of leaf is expected from our approach.



Program and output: