**Experiment 4 - Raman**

Peppers were inoculated in 31.03.25, at 22°C.

Seeds were checked between 06.04 – 09.04.

Each group consisted of 60 seeds and 2 measurements of each seed were taken.

Experimental Groups:

Open a pepper, inject 1.5 mL of the suspension, through a syringe, on the seeds of 3 peppers, and the same volume of sterilized distilled water to another 3 peppers. Each set of six peppers is enough for 1 day of experiment with the laser.

Infection Levels:

1. Level 1 – No infection; no infection can be spotted even under a binocular microscope.
2. Level 2 – Very mild infection; infection can barely be seen without a binocular microscope.
3. Level 3 – Mild infection; infection is visible but not obvious.
4. Level 4 – Severe infection; infection is clearly visible.

