

## WP3: Monitoring the growth stages of broomrape in commercial tomato hybrids.

**Did you know?**  
Several tomato hybrids affect the broomrape's growth

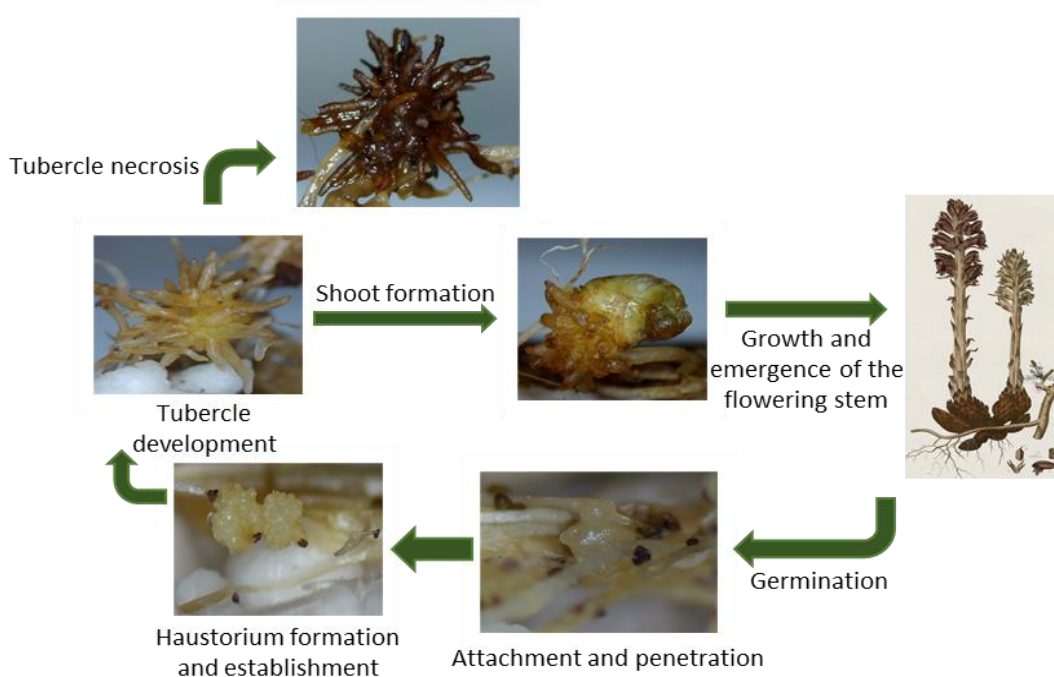
### Implementation

- Petri dish assay was conducted under stable conditions in a growth chamber
- Three commercial tomato hybrids were inoculated with *P.ramosa*



### Key results

- Regarding the two commercial hybrids, shoot formation occurred 22 days after the inoculation with broomrape seeds.
- On the other hand, the parasitism delayed to one commercial hybrid. Attachment and penetration were observed 22 days after the inoculation.



### Contact

Dr. Demosthenis Chachalis, [d.chachalis@bpi.gr](mailto:d.chachalis@bpi.gr)  
Anastasia Tsekoura, [a.tsekoura@bpi.gr](mailto:a.tsekoura@bpi.gr)  
Angeliki Kousta, [a.kousta@bpi.gr](mailto:a.kousta@bpi.gr)