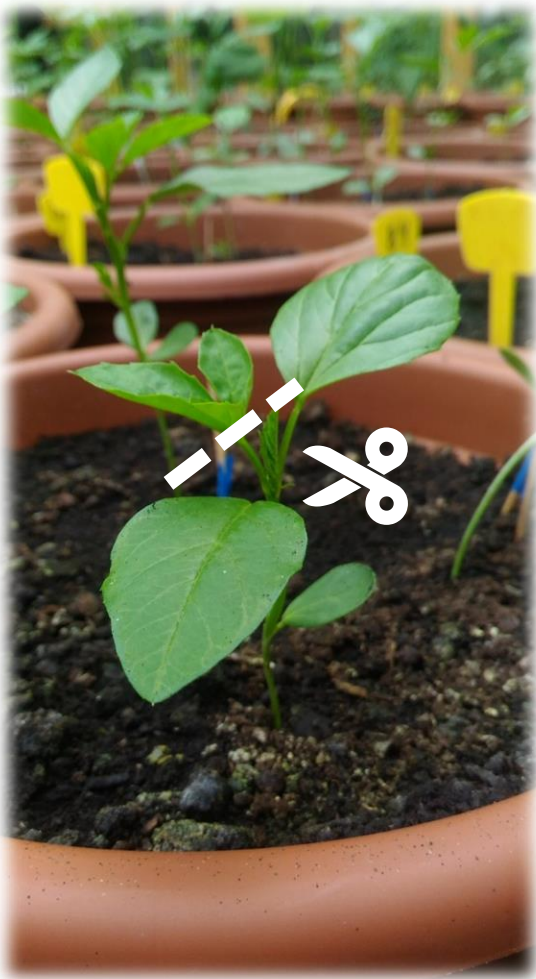


The scheme of collecting of the biological material for metabolome profiling experiments



Third true leaf of 82 genotypes was collected for GC-MS metabolome analysis



96 genotypes were grown under stressful condition of photoperiod 18-19 h



52 genotypes do not flower until photoperiod decreased up to 12-14 h. It takes up to ~95 days after first true leaf appearance

“Delayed flowering plants”



30 genotypes start flowering under conditions of long photoperiod (18-19 h) (less than ~41 days after first true leaf appearance)

“Early flowering plants”