

# 9.12.19

## Objectives

- Set up syncs of AML-283, AML-284 and N2 to compare growth on new plates
- Pick AML-283, AML-284 and N2 from weekend plates to maintain
- Collect 006 data

## Observations

- Weekend plates
  - AML-283 - quite synchronized plate - only 3 egg-laying adults available, rest were L4 - makes sense if only L4 picked on Friday - **in the future** would need to pick L4 on Thursday and leave to grow over the weekend with at least 100ul seeded onto plate - only 3 adults used for sync
  - AML-284 - further along than AML-284 but fewer in numbers - only 7 used for sync
  - N2 - many egg-laying adults present - was able to pick a full 15
- Analyze -> Tools -> Synchronize window - can synchronize oval selection (NOT brush selection) across as many windows as I have open - can make a crude outline of the lawn - **ask Monika whether an overlay in each video is better and more accurate** - good enough for now while taking manual data
- Criteria -
  - Worm hits the lawn when the tip of the mouth first touches the outer line of the drawn lawn ring (grey)
  - Full pump = one opening and closing of the grinder
  - Excel spreadsheet recorded when grinder was opened fully (ie when TB looked the widest)

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