**30 bugs per treatment ------------------------------------ 227 originally alive**

**10 PM acclimation starts. Bugs split in half by acclimation or not.**

completed

may cancel

Sept 8, Wednesday: 70% 36 C egg organization

Sept 9, Thursday: 70% 40 C egg organization/egg data entry

Sept 10, Friday: did not run b/c of egg organization

Sept 11, Saturday: nymph care, adult care

Sept 12, Sunday: egg organization, tube clean up, adult & nymph dead clean up (eggs day 0)

(AB,) Sept 13, Monday: Not running Location: atrium eggs (collect & bug homes)

(eggs days 1)

(AB, AS) Sept 14, Tuesday: Not running, JoVE filming Location: atrium

(eggs days 2)

(AB,) Sept 15, Wednesday: reset day: check-ins, egg organization, reassembling mill, &/or writing protocol(s)

(eggs days 3)

(AB, AS) Sept 16, Thursday: reassembling mill

MC, AS: 20 C 70% (afternoon, if mills ready) Location: atrium

bug prep, dead, care

(AB,) Sept 17, Friday: care (adults, 1-2 boxes nymphs)

MC: 12 C 70% Location: atrium bug prep, dead, adult care if needed

(AB) Sept 18, Saturday: conflict: WISC conference

(AB) Sept 19, Sunday: conflict: WISC conference

Sept 20, Monday: AB: out

AS: out

MC: dead, bug & incubator prep

Sept 21, Tuesday:

AB, AS: Run trials at 28 C 10% Location: atrium

\*\*\*\* incubator min RH is 40%....doesn’t go any lower

Pull/process dead

nymph care (1-2 boxes)

(AB, AS, MC) Sept 22, Wednesday: Reset day: check-ins, lab meeting (decide about additional trials today)

(AB, AS) Sept 23, Thursday: if running additional trial: prep bugs and incubator

if not running additional trial: put all remaining field-collected bugs in freezer

Data entry, clean up.

Nymph care (1-2 boxes)

(AB,) Sept 24, Friday: if running additional trial: run trial, put all remaining bugs in freezer

nymph care (remaining boxes)

clean up continues

(,)Sept 27, Monday: AA meeting

(,)Sept 28, Tuesday: AA execution

**Upcoming:**

* Morphology of trial bugs
* Converting of trial files
* Cleaning/running of trial files
* Semi-weekly to weekly nymph care (need filter paper till December [3+ months] and for when they’re run)
* Checking in on nymphs daily for wing emergence date. First hatch on 8/19, so start checking a little before mid-Oct.

“**Runtimes”:**

* Regular trials: 60 bugs can be run in 4 h with two flight mills
* Extreme trials take 2-2.5 h with 2 flight mills and 32 bugs
* Egg organization generally takes 10-14 h per week depending on how many mothers, but essentially all mothers are dead now (KL all dead; PK may have 1 but eggs look all inviable).
* Nymph care: 5+ h with 300 bugs

**To keep in mind:**

* Place dead of the day in freezer if can’t place in ethanol tubes.