

## Miller Method Calendar Template

| Chronology  | Queen Biology                                      | What you are doing  |
|-------------|--|---|
| Day 1       |  | Place Miller frame into queen mother colony; leave for 8 days   |
| Day 7       |  | Set up Cloake board in cell builder colony  |
| Day 9       |  | Queen Mother colony: Look for barely hatched eggs on Miller frame<br>Cell Builder colony: Make queenless by inserting Cloake board tray |
| Day 10      | Day 4:<br>24 – 36 hr old larvae                    | After cell builder queenless for ONE day, trim Miller frame to 24-36 hr old larvae and insert into cell builder                         |
| Day 12      | Day 6:<br>3 day old larvae                         | Cell Builder: Make queen right by removing Cloake tray, verify cell builder colony is queenless, determine # of developing queen cells  |
| Day 19 - 20 | Days 13-14: Pupae is now strong enough to be moved | Configure mating boxes, harvest queen cells TWO –THREE days before she emerges and place in mating boxes/nucs                           |
| Day 22 - 23 | Day 16: Queen emerges                              |   |
| Day 27 - 28 | Day 21: Queen mates                                | You are rooting for her   |
| Day 32 - 33 | Days 26 -30: Queen starts egg laying               |   |
| Day 41 - 42 | 1 day prior to worker brood being capped           | Your opportunity to remove phoretic mites (worker brood capped day 10)  |
| Day 53 - 54 | 3 weeks after queen starts laying eggs             | Check brood quality, mark queens  |