

Snoking Beekeepers Association      rvsd 230512 eo  
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## Queen Rearing Workshop Timeline 2023 Schedule, Maltby Hiveside Demo Site

8 weekly sessions

Maltby Hiveside, 15324 228<sup>th</sup> ST SE, Snohomish 98296

In advance – preparation & inventory of apiary hives

Every week – check feed

Weeks 1 through 8:

- 5/13 --W1 – Set up cell builder/starter (queenless condition)
- 5/20 -- W2 – Remove supersedure cells; graft
- 5/23-5/24 -- W2+ Set up mating nucs. Place open hair curler cages on excess cells.
- 5/27 -- W3 – Set up mating nucs/destroy supersedure cells. Transfer cells. Give away queen cells if too many. Close remaining hair curler cages.
- 5/30 – 5/31 W3+
- 6/3 -- W4 – discard unemerged; renew cell builders; graft more if desired
- 6/10 -- W5 – may observe mating flights; need substitute Hiveside manager
- 6/17 -- W6 – may see eggs
- 6/24 – W7 – check laying pattern, worker brood
- 7/1 -- W8 - Distribute queens with frames of brood; renew mating nucs

## For Quality Queen Production

1. eggs from breeder queen stock
2. high % nurse bee population
3. Flow – natural or artificial (syrup & patties)
4. Create queenless starting condition
5. Drones – flying or purple-eyed at graft time
6. Mating weather 18+ days after graft
7. Mating nucs/queen castles



## Creating Queenless Condition:

- No queen in hive
- Distance from resident queen (Demarre)
- Blocking pheromones
  - Double screen (Snelgrove)
  - Cloake board

## All queen rearing methods – KISS!

- ➔ **queenless** state
- ➔ **build out** queen cells around fertile eggs
- ➔ strong nurse bee population (hive support\*)  
provides **nutrition and brood care**
- ➔ move capped cells at 10 days into **mating nucs**
- ➔ **evaluate** brood pattern