

2026 IQBA Micro-Breeder Event

Agenda

Friday, June 5th

8:00 AM

- Coffee & snacks

9:00 AM

Morning Welcome: Derek Shenefield & Tim Caldwell

Discussion on last year's outcomes for IQBA breeders

- Lessons learned from the past
- Potential stock improvements **still** needed in the Midwest?
- Recent ABJ article about the IQBA impact

10:00 AM

Keynote Presentation: Dylan Ryals, PhD Candidate

Genomic Breeding Update

- Discussion Improving genetics in IN honey bee population
- Ideas on future GS work with IQBA

11:00 AM

- Station instruments, prepare hydraulic systems and CO₂
- Set up grafting stations in garage bay area
- Start collecting drones and semen collection for Instrumental Insemination of Queens (I.I.Q.)
 - ◆ *Dylan Ryals, Bob Anderson, Jessie King and Krispn Given*
- Assistance needed to collect drones from the hive
- Feed drones when placing in flight cages across the top screen.

Note: Avoid too much honey on the towels so drones do not become sticky and difficult to collect semen from.

Store extra cricket caged drones in the incubator with feeder towel.

12:00 PM

- Lunch: Jimmy Johns and drinks

1:00 PM

- New IQBA President & Secretary vote

2:00 PM

- Afternoon lab session dedicated to intensive semen collection (4 stations)
 - ◆ *Dylan Ryals, Bob Anderson, Jessie King and Krispn Given*
- Grafting larvae stations out in the bay area

5:00 PM

Adjourn: *Evening 6p dinner?*

Saturday, June 6th

• **8:00 AM**

- Coffee & Snacks

• **9:00 AM**

- Prepare to collect drones from selected colonies

• **10:00 AM**

- Resume insemination of queens and continue to collect semen as needed
 - ◆ *Dylan Ryals, Bob Anderson, Jessie King and Krispn Given*

• **12:00 PM**

- Lunch: Papa Johns Pizza and drinks

• **1:00 to 3:30 PM**

- Continue to inseminate queens

• **3:30 to 5:00**

Conclusion and open discussions

- Plans moving forward in the future
- Tracking colony phenotypes and reporting back

• **Adjourn**