



Participatory Exercise: Identifying Knowledge Gaps and opportunities in Insect Mating.

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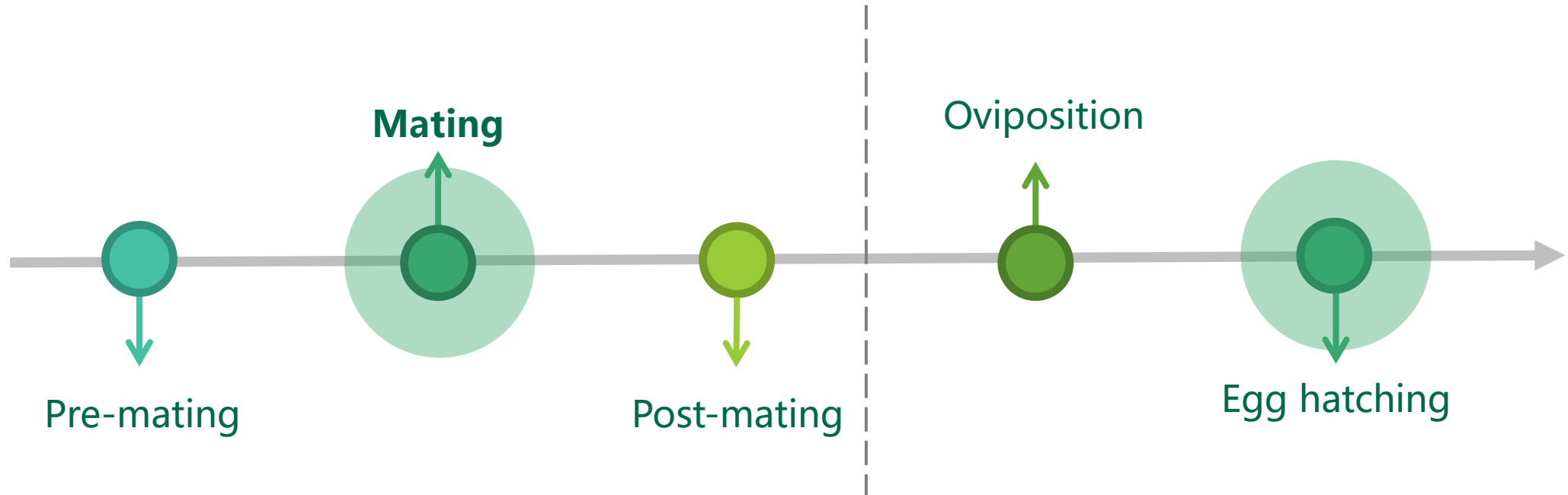
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Summary:

- The theme: insect mating and oviposition behavior
- The objective: to identify pain points and opportunities across research and application
- The process: Post-it-based ideation and clustering

Insect mating






Goal of the Exercise

- Encourage cross-sector dialogue and ideation around current challenges, research needs, and innovative solutions related to insect behavior (mate location, mating, oviposition) in insect rearing systems.
- Identify weaknesses and opportunities across research and application

Reply to the four quarries



Challenges / Knowledge Gaps

- What is one key challenge in mating/oviposition behavior in reared insects?
- What knowledge gap you think needs research to optimize rearing?



Opportunities / Solutions / Ideas

- What solution, technology, or approach could improve rearing outcomes?
- What kind of collaboration could bridge research and industry in this space?

- Write ONE idea per Post-it.
- Be specific.
- Stick your Post-its on the group's flipchart/board.

Clustering & Group Discussion

In groups, participants will:

- Group similar Post-its together
- Nominate each cluster
- Each group will pick **one key challenge and one promising idea** from their group
- Each group will present their top challenge + top opportunity.

Wrap-Up

- Highlight common themes or surprising findings
- follow up (e.g. integrating results into a white paper, funding proposal, or future workshop)?