

AGENDA - STRAWBERRY FIELD DAY

Thursday, July 24, 2025, 7:30 AM - 12:00 PM

7:30 AM: Registration & Networking • 8:20 AM: Welcome • 8:50 AM: Rotation through Stations • 12:00 PM: Lunch

This program is approved by CDPR and CCA for 3 hours of continuing education units.

STOP 1

| |
|--|
| 1. Sponsor showcase, product updates and refreshments (p. 9) |
|--|

STOP 2

| Topic | Speaker |
|---|---|
| 2. Evaluation of Plinazolin® against twospotted spider mite (p. 11) 3. Evaluation of organic miticides against twospotted spider mite and Lewis mite (p. 12) 4. Evaluation of organic and conventional insecticides against aphid species (p. 15) 5. Efficacy of Sefina® against western flower thrips (p. 16) | Dr. Mohammad Amir Aghaee (Entomologist, CPSC) |
| 6. Evaluation of conventional, biological, and natural products for control of Botrytis fruit rot, early season 2025 (pp. 19-22) | Kyle Blauer (Field Research Manager, CPSC) |
| 7. Evaluation of fungicides for strawberry powdery mildew management under greenhouse conditions (p. 27) 8. Evaluation of strawberry host plant resistance to powdery mildew in 21 genotypes under greenhouse conditions (p. 28) | Samantha Simard (Assistant Research Scientist, CPSC) |
| 9. Laser runner cutter (p. 31) 10. Operator aid system (p. 32) | Brendan Holt (Ag Engineer, CSC) Dr. John Lin (Director of Automation, CSC) Alex Herman (CP CPE Student) |

STOP 3

| Topic | Speaker |
|---|--|
| 11. Evaluating host resistance to Macrophomina root rot (pp. 35-38) and Verticillium wilt in strawberry (pp. 43-46) | Maria Alvarez Arredondo (CP MS Student) |
| 12. Effect of abiotic stresses on Macrophomina root rot development in California strawberry (pp. 51-52) | Marina Gutierrez (CP MS Student) |
| 13. Cal Poly strawberry disease diagnostic service activity - 2025 (p. 57) | Dr. Shashika Hewavitharana (Plant Pathologist, CPSC) |
| 14. Solar powered harvest aid 15. Autonomous bug vacuum | Juan Bravo (Founder, Agrobot) |
| 16. Strawberry harvester | Alex Gutierrez (Founder, L5 Automation, Inc.) |

STOP 4

| Topic | Speaker |
|---|---|
| 17. Portable equipment sanitizing station for CA strawberries (p. 61) | Dr. Peter Livingston (CP BRAE Dept. Head) |
| 18. Bareroot transplanter | Aidan Fischer (Field Engineer, CSC) |
| 19. Heated hole puncher (p. 63) | Tony Sandoval (Founder, Precision Ag) |
| 20. Dry-wash processing of mechanically collected ag film | Theron Smith (President, Flipping Iron) Ben Andros (President, Andros Engineering) |

STOP 5

| Topic | Speaker |
|--|--|
| 21. Evaluation of UV-C light for control of twospotted spider mite, Lewis mite and <i>Lygus hesperus</i> (pp. 67-68) | Colin Koubek (Research Associate, CPSC) |
| 22. Comparison of preventative <i>N. californicus</i> releases against a grower standard predatory mite program in fall planted strawberries (pp. 75-76) | Taylor Hibino (CP MS Student) |
| 23. UV-C with bug vacuum | Dr. Adam Stager (Founder, TRIC Robotics) |

Note: The presentation locations listed above are accessible to the public for purposes of participating in the meeting. Special accommodations will be made for physically handicapped, vision or hearing-impaired persons upon request (Please contact Center Staff at 805.756.2150).