Photo: Kaitlyn Aguiles

PIP CAP

PRECISE INDOOR PROPAGATION COORDINATED AGRICULTURE PROJECT

2024 ANNUAL MEETING

NOVEMBER 14TH & 15TH

at the

STRAWBERRY CENTER

Cal Poly Technology Park, Building 83, San Luis Obispo, CA 93407

This work is supported by Specialty Crop Research Initiative (SCRI), Grant no. 2021-51181-35857, Project accession no. 1027418, sponsored by the USDA National Institute of Food and Agriculture.

We have the following, among others, to thank for supporting our mutual goal of developing cleaner, commercial strawberry growing practices!

AgroFabric

California Strawberry Commission

Cottle farms

Driscoll's Only the Finest Berries

Dutch Garden Center

EMCO CAL

EZ-GRO

Fresh Forward Breeding & Marketing

GE current a Daintree company

Larsen Canyon Nursery, Inc.

Lewis Nursery and Farms, Inc.

naturipe since 1917 Farmed Fresh

Nourse

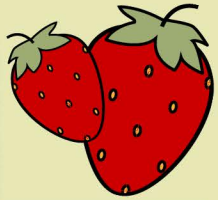
plenty

Plant Sciences Inc. PSI Advancing Agriculture through Science

Westech Agriculture Ltd.

https://strawberries-pip.cals.ncsu.edu

TOUR HIGHLIGHTS



Day 1 - November 14th

We'll visit Cal Poly's Strawberry Center, field trial locations, the Entomology lab, Plant Pathology lab, and Automation lab. We'll also see the Leaning Pine Arboretum*, an outdoor space featuring native Coastal Californian flora. Later in the day, we have an optional outing to the SLO Farmer's Market.

Day 2 - November 15th

Today on our list, we will be visiting various strawberry growers in the Santa Maria area.

*weather dependent

Photo: Cal Poly Strawberry Center

PARKING DIRECTIONS

After turning into Technology Park, park in either the top lot (to the left as you drive in) or in the bottom lot (drive down, you will see the lot to your left). The conference room is on the lower level of Tech Park. If you park up top, make sure to walk down the stairs as you enter. In the conference room, there will be parking permits that you should place in your windshield.

PIP-CAP 2024 ANNUAL MEETING

Scan to see the Zoom link and other details!

Day 1 - November 14th

8:30-9:15 — **Breakfast & Welcome**
Featuring coffee and pastries

9:15-9:30 — **Introductions**
From Gerald Holmes

9:30-9:40 — **Project Overview**
From Mark Hoffmann

9:40-10:40 — **Project Highlights**
From all 6 objective groups

10:40-10:50 — **Break**

10:50-12:30 — **Q&A Discussion Panel**
Featuring Hillary Thomas, Mike Nelson, Jeremy Pattison, and Michael Schwieterman

12:30-1:30 — **Lunch**
Sandwiches from Lincoln Deli

1:30-3:00 — **10 minute Talks**
See middle panel

3:00-5:00 — **Tour**
See inside panel

6:00 — **Farmer's Market**
Optional; in Downtown San Luis Obispo; a ~10 minute walk from hotel

Day 2 - November 15th

8:30-9:00 — **Breakfast**
Featuring coffee and pastries

9:05-11:45 — **Team Lead Presentations and Discussion**
From all 6 objective groups

12:00-1:00 — **Lunch**
Tacos from Efrens

1:00-5:00 — **Growers Tour**
See inside panel

10 min. Talks

Pooja Tripathi
Objective 2
Ohio State University

Moein Moosavi-Nezhad
Objective 2
North Carolina State University

Michael Palmer
Objective 2
North Carolina State University

Dr. Ibraheem Olasupo
Objectives 1, 2, and 5
North Carolina State University

Calyssa Stevenson
Objective 5
North Carolina State University

Samantha Simard
Objective 5
California Polytechnic State University

Alexa Artis
Objective 6
North Carolina State University

Project Objectives

Plant Physiology Team I
Objective 1 led by Ricardo Hernandez
We want to develop protocols for the most cost-effective propagation of strawberry plants, for a range of in-field and greenhouse systems cultivars.

Plant Physiology Team II
Objective 2 led by Chieri Kubota
We want to know how we can get the best fruit yield from strawberry plants and how can we store the plants most effectively.

Genetics Team
Objective 3 led by Caren Chang
We want to develop a database of 12 commercial US strawberry cultivars, and develop protocols that can be used to specify commercial plants into a specific propagation and conditioning protocol.

Economics Team
Objective 4 led by Daniel Tregeagle
We want to assess the costs associated with producing strawberry plants using controlled environment technology.

Field Evaluation Team
Objective 5 led by Mark Hoffmann
We want to investigate the performance of our plants across the US East and West Coasts, while validating the protocols with a variety of industry partners.

Extension Team
Objective 6 led by Peter Nitzsche
We want to communicate our findings to other researchers, the commercial industry and the general public.

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