

Broomrape Control Board



**California Department of Food and Agriculture
Plant Health and Pest Prevention Services
Division: Integrated Pest Control Branch**



CALIFORNIA DEPARTMENT OF
FOOD & AGRICULTURE

**Meeting of the
California Department of Food and Agriculture
Broomrape Board**

MEETING NOTICE

The Broomrape Board will hold a meeting on:
March 18, 2026, at 10:00 a.m.
California Department of Food and Agriculture
2600 River Plaza Drive, Sacramento CA, 95833

Join Zoom Meeting
<https://us02web.zoom.us/j/89533200182>
Meeting ID: 895 3320 0182
Passcode: CDFA2026!

This meeting will be held in person and virtually. The meeting notice, agenda, and materials considered by the Board during the meeting will be available online in advance of the meeting at <http://www.cdfa.ca.gov/plant/meetings/>.

Public Participation

While the Board values public participation, the Board reserves the right to limit each person's time for public comment to a maximum of three (3) minutes per agenda item.

If you would like to submit questions or comments prior to the meeting, send them to Katie Filippini at Broomrape_Program@cdfa.ca.gov or call (916) 516-6580. Please specify the agenda item to which your question or comment pertains. The agenda of the meeting is attached to this notice.

Americans with Disabilities Act

The meeting is accessible to the physically disabled. A person who needs a disability related accommodation or modification to participate in the meeting may make a request by contacting Katie Filippini at (916) 516-6580. Providing your request at least five (5) business days before the meeting will help ensure availability of the requested accommodation.

**Meeting of the
California Department of Food and Agriculture
Broomrape Board**

MEETING AGENDA

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March 18, 2026, at 10:00 a.m.
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All matters noticed on this agenda may be considered for action and taken in any order at the discretion of the Board Chair. Any item not so noticed will not be considered or discussed.

Meetings of the Broomrape Board are open to the public and comply with the Bagley-Keene Open Meeting Act, which allows for public comment on all agenda items.

The agenda order is tentative and subject to change by the Board without prior notice. Audience members may address the Board following each agenda item. While the Board values public participation, the Board reserves the right to limit each person's time for public comment to a maximum of three (3) minutes per agenda item.

Item No.

- 1) Call to Order
- 2) Roll Call
- 3) Welcome and Opening Remarks
- 4) Approval of Minutes
- 5) CDFA Program Update
- 6) **Strategic Priority 1 – Detection**
- 7) **Strategic Priority 2 – Engagement, Education, and Collaboration**
- 8) **Strategic Priority 3 – Enact Protocols**
 - A) Industry Implementation of Voluntary Agreements Update
 - B) Program Implementation Timeline
 - C) Oversight
 - D) Corrective Action(s)

**Meeting of the
California Department of Food and Agriculture
Broomrape Board**

- E) Confidentiality and Reporting Options
- 9) **Strategic Priority 4 – Research**
 - A) Equipment/Trailer Cleaning Protocols
 - B) Other Research
 - C) Management Practices Update
- 10) **Strategic Priority 5 – Advocate**
- 11) **Subcommittee Updates**
 - A) Finance
 - 1. Current and Proposed Budget
 - B) Research
 - 1. Compliance Agreements
 - 2. Proposed Research
 - C) Outreach
 - 1. Other Updates
- 12) **Budget**
 - A) 2025/26 Revenue Update for Current Budget
 - B) 2026/27 Proposed Budget
- 13) Public Comment
- 14) Next Meeting and Agenda Items
- 15) Adjournment

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California Department of Food & Agriculture
Integrated Pest Control Branch
BROOMRAPE BOARD
3294 Meadowview Road
Sacramento, CA 95832
California Department of Food and Agriculture
February 20, 2026
Draft Minutes

MEMBERS PRESENT

Frank Coelho Jr*
Ron Dalforno
Gene Miyao*
Michael Newton*
Scott Spitzer*
Tony Turkovich
David Viguie
Daniel Bays*
Derek Azevedo*
Toshi Aoki*

MEMBERS ABSENT

David Kiehn
Rick Blankenship
Scott Schmidt

CDFA PERSONNEL

Andrew Boren*
Katie Filippini
Jennifer Gordon
Hannah Upton

*Participated via Zoom

GUESTS

Zack Bagley, California Tomato Research Institute
Dr. Brad Hanson, University of California, Davis
Mike Montna, California Tomato Growers Association

CALL TO ORDER

The Broomrape Board Meeting was convened at 10:00 am by Board Chair, and introductions were made.

BAGLEY-KEENE OPEN MEETING ACT

The meeting was held in compliance with the Bagley-Keene Open Meeting Act.

APPROVAL OF MINUTES

The Board reviewed and approved the minutes from the Board meetings that took place January 21, 2026.

MOTION:

Tony Turkovich moved to approve the minutes from January 21, 2026, Board meeting. The motion was seconded by David Viguie and was passed unanimously.

VOTES:

YES

NO

ABSTENTION

Frank Coelho Jr.
Ron Dalforno
Gene Miyao
Michael Newton
Scott Spitzer
Tony Turkovich
David Viguie
Daniel Bays
Derek Azevedo
Toshi Aoki

CDFA PROGRAM UPDATE

CDFA staff gave an update on items included finalizing a Memorandum of Understanding (MOU) between CDFA and the California Tomato Research Institute (CTRI) regarding research funding mechanism(s), and a request to CDFA legal team to understand what records would be shared in the event of a Public Records Act (PRA) request.

STRATEGIC PRIORITY 1 – DETECTION

No update.

STRATEGIC PRIORITY 2 – ENAGEMENT, EDUCATION, AND COLLABORATION

UC Davis staff gave an update on the status of the Broomrape Growing Degree Day (GDD) calculator web tool, which is nearly ready to go live and be accessed by growers. The board discussed when it would be appropriate to send the web tool out to the industry, and UC Davis staff suggested it would be helpful to conduct a trial run with a handful of growers to get their feedback and make any needed changes before broadcasting the tool to the full industry.

The board discussed future plans to host virtual Q&A sessions with growers and industry, at a date to be determined.

UC Davis staff reported that they were working on setting up a training session with the County Agricultural office staff on general broomrape information.

STRATEGIC PRIORITY 4 – RESEARCH

Equipment/Trailer Cleaning Protocols

UC Davis staff reported early indications of higher effectiveness with 16% QAC solution, even with higher debris loads. They stressed that this data was preliminary and more research was needed.

Other Research

CTRI staff gave a brief overview of research vetting and funding process being used by CTRI. CTRI staff explained that the total funding amount for all seven projects was

\$434,228. CTRI staff explained that there wasn't a ranked recommendation of the projects.

The Board voted unanimously to adopt the CTRI's research project recommendations as proposed.

MOTION:

Tony Turkovich made a motion to adopt the California Tomato Research Institute's research project recommendations as proposed. David Vigue seconded the motion, and the motion was passed unanimously.

VOTES:

YES

Frank Coelho Jr
Ron Dalforno
Gene Miyao
Michael Newton
Scott Spitzer
Tony Turkovich
David Viguie
Daniel Bays
Derek Azevedo
Toshi Aoki

NO

ABSTENTION

Management Practices Update

CTRI staff gave an update on CTRI's special use case registration efforts for Sulfosulfuron and Maleic hydrazide pesticides for use to control broomrape in processing tomatoes. It is anticipated that registration will be complete by growing season 2027.

There was a discussion on whether or not research should be conducted on the efficacy of hand roguing. The discussion was tabled and sent to the research subcommittee for further discussion.

SUBCOMMITTEE UPDATES

Finance

The finance chair reported that the previously scheduled finance subcommittee meeting had been canceled, but that the chair met with CDFA staff to go over preliminary budget figures.

CDFA staff presented an overview of the budget calculator tool that staff uses to calculate program costs based on staff, supplies, etc. CDFA staff also shared an expenditures spreadsheet showing year-to-date expenditures for the program. The chair tabled further discussion on the budget until the next board meeting.

Research

UC Davis staff gave an update on the discussion from the last research subcommittee meeting, which was developing a timing recommendation for scouting and rogueing operations. The subcommittee came up with the following recommendation:

- Scouting to start at 5% emergence and be completed no later than 5% flowering.
- First rogueing to be completed within 7 days post 5% flowering.
- Second rogueing to be completed no later than 90% emergence.
- Third rogueing to be completed no later than 90% flowering.

Note: % emergence and % flowering are phenological stages of broomrape, with associated calendar dates calculated by the Broomrape GDD model using field latitude and longitude or general location and local weather data.

The subcommittee did not seek action by the board on this item.

The committee requested guidance from the board as to whether or not knowing the location(s) of broomrape is important, in order to bring back solutions to the board.

The board chair called a roll call poll in order to get their feedback on the following question: Is knowing where broomrape is important for the program. Board members in attendance unanimously responded “yes”.

Outreach

The outreach subcommittee gave a recap of an industry meeting in Lodi that took place on February 11th. Committee members reported a sense that growers and other industry members have been satisfied by the program’s efforts, and there generally seems to be a better understanding of the pest and the efforts to control it.

STRATEGIC PRIORITY 3 – ENACT PROTOCOLS

Implementation of Voluntary Compliance Agreements

The board began to look at proposed language changes to the compliance agreement exhibits, but the chair decided to table the discussion until the board had an opportunity to have the documents in hand and time to review them in order to facilitate meaningful discussion.

PUBLIC COMMENT

None.

NEXT MEETING AND AGENDA ITEMS

The next Board meeting was scheduled for Wednesday, March 18th, at 10:00 A.M. at the California Farm Bureau (2600 River Plaza Drive, Sacramento CA 95833).

The board directed staff to change “8. C) Enforcement” to “8. C) Oversight” in future agendas.

ADJOURN

The Board Chair adjourned the meeting at 11:53 P.M.

Submitted by,
Andrew Boren
For Katie Filippini
Environmental Program Manager I

DRAFT

Exhibit G1

1. Harvested tomato fruit shall only be transported to a Processing Facility operating under Exhibit P1 ([Link to Exhibit](#)).
2. Harvested tomato fruit shall only be transported by a Transporter operating under Exhibit T1 ([Link to Exhibit](#)).
3. **Old language:** A Field Management program shall be implemented for the control of broomrape. See Broomrape Board recommended guidelines ([Home](#) | [Branched Broomrape](#))

New Language: A Field Management program shall be implemented for the control of broomrape, which includes management plans for pre-transplant, growing season, and post-harvest. See Broomrape Board recommended guidelines for examples. ([Home](#) | [Branched Broomrape](#))

4. **Old language:** No soil or plant debris, except MOT in a gondola, shall be moved from a High Risk Premise. 4. All equipment authorized by Establishment to enter a High Risk Premise shall be cleaned free of soil and plants material prior to moving out of the High Risk Premise(s). See Broomrape Board recommended guidelines [Home](#) | [Branched Broomrape](#)”

New language: All Equipment authorized by establishment to enter a high-risk premise shall be cleaned reasonably free of soil and plant material except MOT in gondola prior to moving out of High Risk Premise(s). See Broomrape Board Recommended Guidelines for examples. [Home](#) | [Branched Broomrape](#)

5. **Old language:** An area shall be designated for equipment entering and exiting a High Risk Premise.

New language: An area shall be designated for equipment entering and exiting a High-Risk Premise and included in the field management plan.

6. **Old language:** All persons authorized by Establishment to enter a High Risk Premise(s) shall be trained in Broomrape identification and the Establishment shall report the exact location of suspect broomrape plants to the Program within 48 hours of detection.

New language: All persons authorized by Establishment to enter a High-Risk Premise(s) shall be trained in Broomrape identification, and the Establishment shall report the exact location of the first suspect broomrape plants of the season to the Program immediately upon detection, and submit a sample to the program as soon as practicable.

7. **Old Language:** Establishment shall remove suspect broomrape plants upon detection.

New language: Establishment shall use Broomrape Board recommended Growing Degree Day Model ([Link TBD](#)) to develop a scouting and rogueing plan to remove suspect broomrape plants.

This plan shall be included within the field management plan. If at any time the Establishment deems that it is infeasible to harvest a premise(s), due to broomrape the Establishment must notify the program and contracted processor(s) and terminate the crop within 7 days of notification in accordance with Broomrape Board Recommended Guidelines. ([Link](#))

8. **Old language:** Suspect broomrape plants must be solarized on site or on a premise under direct control of Establishment prior to disposal. See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#)).

New language: Suspect broomrape plants removed by the establishment must be disposed in accordance with field management plan and Broomrape Board Recommended Guidelines. ([Home | Branched Broomrape](#)).

9. **Old language:** All persons authorized by Establishment to enter a High Risk Premise shall use single use, disposable footwear coverings or clean footwear of all soil and plant material. See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#))

New language: All persons authorized by Establishment to enter a High-Risk Premise shall clean footwear of all soil and plant material before exiting premise(s). See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#))

10. The establishment shall notify the Program 48 hours prior to planting or harvesting in a High-Risk Premise.
11. The Program will be allowed access to a High-Risk Premise with 48 hour advanced notification in order to verify compliance with these requirements.
12. **New Language:** All notifications and reporting to the Program shall be made via email to: Broomrape_Program@cdfa.ca.gov

Exhibit G2

1. Harvested tomato fruit from a non-infested field may only be transported to a processing facility operating under Exhibit P2.
2. Harvested tomato fruit from a non-infested field may only be transported by a Transporter operating under Exhibit T2.
3. All persons authorized by Establishment to enter a non-infested processing tomato field shall be trained in broomrape identification and sanitation guidelines. See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#)).
4. **Old language:** All suspect broomrape plants shall be brought to the attention of the Program within 48 hours of detection by Establishment or persons authorized by Establishment to enter a non-infested processing tomato field.
New language: The Establishment shall notify the Program immediately of any suspect broomrape plant, and provide a sample of the suspect plant to the program as soon as practicable upon detection by Establishment or persons authorized by Establishment to enter a non-infested processing tomato field.
5. **Old language:** All equipment authorized by Establishment to enter a non-infested processing tomato field shall be cleaned free of soil and plant material prior to being transported out of a Designated Zone ([Designated Zone Map](#)). See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#))
New language: All equipment authorized by Establishment to enter a non-infested processing tomato field shall be cleaned reasonably free of soil and plant material prior to being transported out of a Designated Zone ([Designated Zone Map](#)). See Broomrape Board recommended guidelines for examples ([Home | Branched Broomrape](#)).
6. The Establishment shall verify that Processor and Transporter are on the list of Establishments under compliance agreement prior to harvest. See list of Establishments (link under construction).

Exhibit P1

1. No soil or plant material, except MOT in a gondola, shall be moved from a High-Risk Premise.
2. Harvested tomato fruit shall only be received from a High-Risk premise if the grower is operating under Exhibit G1.
3. Harvested tomato fruit shall only be received from a High-Risk premise if the transporter is operating under Exhibit T1
4. Establishment shall be in compliance with Waste Discharge Requirements.
5. Field crews shall be trained in broomrape identification and sanitation protocols
6. **Old Language:** All personnel involved in Yard Management shall be trained in the following provisions.
New language: All personnel involved in yard management shall be trained in the provisions outlined in this exhibit.
7. Trucks and trailers arriving from a High-Risk premise shall be cleaned prior to leaving the facility. See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#))
8. Dedicated trailers shall be used to transport harvested tomato fruit from a High-Risk premise. Dedicated trailers shall not be dispatched to non-infested fields for the duration of harvest at a High-Risk Premise.
9. **Old language:** A list of dedicated trailer numbers shall be provided to the Program 48 hours prior to transporting from a High-Risk Premise.
New language: A list of dedicated High-Risk trailer numbers shall be maintained by the processor.
10. The Program shall be allowed access to the processing facility yard with 48 hours advanced notification in order to verify compliance with these requirements.

Exhibit P2

1. Harvested tomato fruit shall only be received from a non-infested field if the Grower is operating under Exhibit G2
2. Harvested tomato fruit shall only be accepted if the Transporter is operating under Exhibit T2.
3. **Old language:** Trucks and trailers transporting harvested tomato fruit from a non-infested field outside of a Designated Zone ([Designated Zone Map](#)) shall be cleaned free of soil and plant material prior to exiting the processing facility except when returning to the same non-infested field. See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#))

New language: Trucks and trailers transporting harvested tomato fruit from a non-infested field outside of a Designated Zone ([Designated Zone Map](#)) shall be cleaned reasonably free of soil and plant material prior to exiting the processing facility except when returning to the same non-infested field. See Broomrape Board recommended guidelines for examples ([Home | Branched Broomrape](#)).
4. **Old language:** Trucks and trailers transporting harvested tomato fruit from a non-infested field inside a Designated Zone shall be cleaned free of soil and plant material prior to exiting the Designated Zone.

New language: Trucks and trailers transporting harvested tomato fruit from a non-infested field inside a Designated Zone shall be cleaned reasonably free of soil and plant material prior to exiting the Designated Zone.
5. Establishment shall be in compliance with Waste Discharge Requirements.
6. **Old language:** Harvesting machinery, including subcontractor custom harvesting machinery, shall be cleaned free of soil and plant material prior to movement out of a Designated Zone . See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#)) .

New language: Harvesting machinery, including subcontractor custom harvesting machinery, shall be cleaned reasonably free of soil and plant material prior to movement out of a Designated Zone. See Broomrape Board recommended guidelines for examples ([Home | Branched Broomrape](#)).
7. Field crews shall be trained in broomrape identification and sanitation protocols.
8. **Old language:** The growing location of suspect broomrape plants shall be brought to the attention of the Program within 48 hours of detection.

New language: The growing location of suspect broomrape plants shall be brought to the attention of the Program immediately upon detection.
9. The Establishment shall verify that Grower and Transporter are on the Broomrape Board list of Establishments under compliance agreement prior to harvest. See Establishment list (link under construction)
10. The Program shall be allowed to access to the processing facility yard with 48 hours advance notification in order to verify compliance with these requirements.

Exhibit T1

1. **Old language:** No soil, except MOT in a gondola, shall be moved from a High-Risk Premise.

New language: All equipment shall be cleaned reasonably free of soil, except MOT in a gondola, prior to moving from a High-Risk Premise. See Broomrape Board recommended guidelines for examples ([Home | Branched Broomrape](#)).

2. Harvested tomato fruit shall only be transported from a High-Risk Premise if the grower is operating under Exhibit G1.
3. Harvested tomato fruit shall only be transported from a High-Risk Premise if the processing facility is operating under Exhibit P1
4. Dedicated trailers shall only be used for a High-Risk Premise.
5. The most direct route from a High-Risk Premise to the processing facility must be used.
6. Trucks used to transport harvested tomato fruit from a High-Risk Premise shall be cleaned prior to exiting the processing facility. See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#))
7. Establishment shall require its subcontractors to operate in compliance with the requirements of this Exhibit.

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Exhibit T2

1. Harvested tomato fruit shall only be transported from a non-infested field if the Grower is operating under Exhibit G2
2. Harvested tomato fruit shall only be transported to the Processing facility if the Processor is operating under Exhibit P2.
3. **Old language:** Trucks and trailers transporting harvested tomato fruit from a non-infested field inside a Designated Zone ([Designated Zone Map](#)) shall be cleaned free of soil and plant material prior to movement out of a Designated Zone. See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#)).

New Language: Trucks and trailers transporting harvested tomato fruit from a non-infested field inside a Designated Zone ([Designated Zone Map](#)) shall be cleaned reasonably free of soil and plant material prior to movement out of a Designated Zone. See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#)).

4. Trucks and trailers transporting harvested tomato fruit from a non-infested field outside of a Designated Zone shall be cleaned prior to exiting processing facility except when returning to the same non-infested field. See Broomrape Board recommended guidelines ([Home | Branched Broomrape](#)).
5. Establishment shall require subcontractors to adhere to the requirements of this Exhibit.
6. The Establishment shall verify that the Grower and Processing facility are on the list of Establishments under compliance agreement prior to transporting. See Establishment list ([link under construction](#)).

Broomrape Program Revenue & Expenditures
 July 1, 2024 - Jan 31, 2026

Broomrape Management Program Fund PC 9999000F40 Initial date: 07/01/2024	*FY 24/25	*FY 25/26		*FY 26/27
	July 1, 2024 - June 30, 2025	July 1, 2025 - June 30, 2026		July 1, 2026 - June 30 2027
		Actual*	Expected Expense	Projected Expenses
Revenue	\$0.00	\$1,596,453	\$1,596,453	
Salary				Expenses
PERM Salaries	\$121,588	\$106,552	\$155,562	\$257,090
Temp Assistance	\$38,976	\$0		
Total Monthly Salary	\$160,564	\$106,552	\$155,562	\$257,090
Total Benefit Amount	\$53,145	\$44,937	\$95,459	\$128,545
				\$616,219
OE&E				
General Expense			\$3,875	\$12,400
Public Outreach - Consultant	\$36,023			\$20,000
Total OE&E	\$36,023	\$0	\$3,875	\$32,400
IT & Indirect				
Indirect Exec/Admin (Dept)	\$90,185	\$39,569	-\$6,462	\$23,722
Indirect (PHPPS Division)	\$56,789	-\$1,329	\$0	\$11,074
IT Services - Subscriptions	\$95			\$18,000
InfoTech - Meetings		\$61	\$306	
Total IT & Indirect	\$147,068	\$38,301	-\$6,156	\$52,796
Contracts/Grants				
Research Contract/Grant			\$400,000	\$600,000
Total Contracts/Grants	\$0	\$0	\$400,000	\$600,000
	\$396,800	\$189,790	\$648,741	\$1,070,831

*Actual Expenditure through 1/2026

*Actual Revenue through 12/2025

*Fiscal Year not closed out with SCO, additional charges may post

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