

APS Division Meetings

Criteria for Abstract Acceptance and Submission Instructions

Criteria for Acceptance

Remember to fully edit and proof your abstract before submitting. Early submissions are encouraged to avoid delays on the last day.

- Abstracts must report results of original research or other activity of significant merit that relates to phytopathology and the related industry.
- Abstracts should be reviewed by all authors and peer reviewed by two additional people for scientific merit as well as grammatical, typographical, or factual errors.
- Abstracts must include the following elements: justification, objectives, methods, results, and significance of the research to the science of phytopathology.
- Abstracts must not be simply a review or progress report, but must contain useful and new information. Abstracts must not include references or footnotes.
- Abstracts must be in final form with no grammatical, typographical, or factual errors.
- No abstract that has been presented or is intended to be presented at another meeting shall be submitted for consideration.
- Publication of tables, charts, and graphs projected onto screens or posted at the annual meeting by anyone other than an author or presenter is prohibited unless a release has been requested and received in writing from an author or presenter.

Abstract Submission Instructions

Abstract Fee

Amount will be indicated and the fee will be collected on the meeting registration form. The fee applies for your abstract to be published in a Phytopathology supplement issue and will be collected when you register for the meeting. The amount of the fee will be indicated on the meeting registration form.

Submission Process

1. Abstracts must be submitted online. Click the “Abstract Submission Form” link.
2. Login with your APS member username/password. Contact APS HQ at
3. Select Presentation Type. Please note that not all division meetings offer both oral and poster presentations so check the website prior to submission.

4. Enter Presentation Title. The title is limited to 150 characters including spaces. (max 40 word limit)
Registered names and trademarks are not permitted in title.
 - a) Capitalize **only** the first letter of the first word and any proper nouns, (e.g., Effect of pesticides on recovery of *Didymella bryoniae* from cucurbit vines).
 - b) **Italic words or phrases** must be enclosed by the start coding `<i>` and the stop coding `</i>`, e.g., `<i>words</i>`.
 - c) **Subscript characters** must be enclosed by the start coding `_{` and the stop coding `}`, e.g., `H₂O`.
 - d) **Superscript characters** must be enclosed by the start coding `^{` and the stop coding `}`, e.g., `E=MC²`.
 - e) **Symbols** (Greek, math, etc.) must be spelled out, e.g., Beta.

5. Enter Abstract Body
 - a) The abstract body is limited to 1,490 characters including spaces (max 300 word limit)
 - b) The abstract must be in one paragraph.
 - c) **DO NOT** include the title, author name(s), or author affiliations in the abstract text field.
 - d) Copy the abstract and paste it into the submission form abstract text box under the Abstract Copy/Body field header
 - e) **Use the abstract toolbar to add formatting** (italics, superscripts, subscripts, Greek or math symbols), or use the start coding `<i>` and the stop coding `</i>`, if you prefer
 - f) If the symbol is not available, spell it out (e.g., theta).

6. Select Yes/No for “Is this paper for the student competition”?
7. Select Yes/No for “Would you like your abstract published”
8. Enter Author Information
 - First Name
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 - Affiliation (only company/institution, city, state/province, country – do not include street addresses or ZIP codes.)
 - **One author MUST be designated as the Presenter. (DO NOT enter this individual twice.)**
 - Any additional author(s) must be designated as author(s).
 - Indicate if author is a student
 - To add an author, complete the fields for contact information then click "Enter/Add Presenter/Authors". Do this for each author and click "Enter/Add Presenter/Authors". When finished click “Author list is Complete”, then click “Next”.

9. Review abstract submission details
10. Click Submit

For questions or problems regarding the online abstract submission form, contact An Nguyen at APS Headquarters at aps@scisoc.org or (651) 454-7250

Sample Abstract

Watermelon root arbuscular mycorrhizal colonization is enhanced following *Vicia villosa* and *Trifolium incarnatum* cover crops

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Triploid watermelon cultivars, grown on more than 1800 ha in Maryland and Delaware, have little resistance to Fusarium wilt of watermelon (*Fusarium oxysporum* f. sp. *niveum*). A *Vicia villosa* cover crop suppresses Fusarium wilt of watermelon but the mechanism of suppression is unknown. *Vicia villosa* has been shown to increase mycorrhizal colonization of subsequent crops, which may play a role in suppression. This study examined the effect of *V. villosa* and the biocontrol Actinovate AG (*Streptomyces lydicus* WYEC 108) on arbuscular mycorrhizal colonization in a subsequent watermelon crop. Field experiments at Beltsville and Salisbury, MD in 2010 examined the impact of fall-planted, spring tilled cover crops (*V. villosa*, *Trifolium incarnatum*, *Secale cereale*, *Brassica juncea*), or bare ground, and Actinovate on the mycorrhizal root colonization of the following watermelon crop. Watermelon roots were stained with trypan blue and fine roots were examined for the presence of arbuscules. The percentage of watermelon roots colonized by arbuscular mycorrhizae was significantly higher following *V. villosa* and *T. incarnatum* green manures compared to that of all other treatments, as much as 71% and 44%, respectively. Actinovate had no significant effect on arbuscular mycorrhizal root colonization of watermelon. Enhancement of watermelon root mycorrhizal colonization following a *V. villosa* and *T. incarnatum* green manure may be a factor in Fusarium wilt disease suppression.