



CAST Commentaries - QTA2020-2
**Stewardship Challenges for
 New Pest Management
 Technologies in Agriculture**

Chair: David Shaw, Mississippi State University;
 9-member task force

Released May 18, 2020

Release/Rollout

The CAST Commentary, “Stewardship Challenges for New Pest Management Technologies in Agriculture,” was released on May 18, 2020. On Tuesday, May 19, Dr. David Shaw, the task force chair, presented highlights of this paper through a free webinar hosted by CAST. Four task force authors participated in the webinar Q&A session. There were **324 registrants for the webinar with 200+ attendees.**

[Webinar Video – 163 views as of June 13, 2022](#)

[Link to commentary, Ag quickCAST, student study guide, webinar video, and Q&A](#)

In-kind Contributions: 270 volunteer hours; \$19,980 monetary value

Press Release (results two weeks after release)

- Distributed through [Constant Contact](#), [PRWeb](#), and the [CAST website](#).
- Press release went to 10,320 e-contacts resulting in 5,198 opens and 107 views from the CAST website.
- The press release through PRWeb resulted in 3,513 views and reached 890 targeted influencers (journalists/bloggers).
 106 media outlets posted the press release. A sampling of sites where the press release was picked up: RFD-TV, News Break, ADVFN Financial News, One News Page (U.S. and Global Editions), Ask.com, Oklahoman, Marketplace, News Channel Nebraska, Daily Herald (Chicago), Seed Daily, The Latest News, Owl, and many daily news and business journal sites, and regional news channels (ABC, CBS, CW, FOX, NBC)

Follow-On Activities

Authors reported that they had received many emails with lots of praise for the webinar. Specific locations noted were email from Phoenix, Raleigh, and London.

August 20, 2020 – American Society of Agronomy, Sustainable Agronomy Conference - David Shaw and George Frisvold presented during Session #6: Implementation of Sustainable Agronomy—Science-based Solutions for Long-term Success (2.0 CEUs, SSp or PM)

<https://www.agronomy.org/meetings/sustainable-agronomy/program/>

This report last updated 6/13/2022

Paper Distribution

Paper Distribution (print and online) 18 months after release – 1,630

Indirect Paper Distribution

Researchgate

https://www.researchgate.net/publication/341609359_Stewardship_Challenges_for_New_Pest_Management_Technologies_in_Agriculture

Semantic Scholar

https://pdfs.semanticscholar.org/8d20/66854db7c1f5e0edb2fc9eec88b6545eb28f.pdf?_ga=2.245549828.1047368750.1594235093-436759349.1594235093

Articles and Web Mentions

Farm Progress, *Report explores pest management challenges*, May 19, 2020

<https://www.farmprogress.com/farm-operations/report-explores-pest-management-challenges>

Portland State University News, June 1, 2020

<https://www.pdx.edu/news/david-e-erwin-environmental-management-and-economics-faculty-emeritus-co-authored-%E2%80%9Cstewardship>

Texas A&M University, The Sword Lab, *Council of Agricultural Science and Technology commentary article and webinar freely available online*, May 21, 2020

<https://swordlab.tamu.edu/2020/05/21/upcoming-council-of-agricultural-science-technology-commentary-article-and-webinar-may-18-2020/>

Michigan State University, *Stewardship Challenges for New Pest Management Technologies in Agriculture – webinar and panel*, May 19, 2022 <https://sociology.msu.edu/events/archives/2020/ray-webinar.html>

Citations

Lessons in Building Community Capacity for Managing Agricultural Pests: A Science Policy Experience in Iowa,

Outlooks on Pest Management, Volume 31, Number 6, December 2020, pp. 249-256(8),

<https://www.ingentaconnect.com/contentone/resinf/opm/2020/00000031/00000006/art00002>

Same as above, October 2020 https://www.ipm.iastate.edu/files/page/files/iowa_tour_opm_final.pdf

Agronomy Journal, *Near-term challenges for global agriculture: Herbicide-resistant weeds*, Sharon A. Clay, May

28, 2021 <https://access.onlinelibrary.wiley.com/doi/10.1002/agj2.20749>

Social Media

Twitter—

@MSU_Sociology, May 11, 2020

https://twitter.com/MSU_Sociology/status/1259905304478863360

@AnnaBickel2, May 18, 2020

<https://twitter.com/AnnaBickel2/status/1262402176019763200>

1 quote tweet

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@MSU_Sociology, May 19, 2020

https://twitter.com/MSU_Sociology/status/1262740177589612544

@CASTagScience, May 19, 2020

<https://twitter.com/CASTagScience/status/1262743589206908937>

3 retweets

@CASTagScience, May 21, 2020

<https://twitter.com/CASTagScience/status/1263496042676391936>

3 retweets, 2 likes

@CASTagScience, June 2, 2020

<https://twitter.com/CASTagScience/status/1267877944430678016>

1 like

@CASTagScience, January 2, 2021

<https://twitter.com/CASTagScience/status/1345391977798492163>

2 retweets, 3 likes

Facebook—

CAST, May 11, 2020

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2993427887418654>

2 likes, 1 share

CAST, May 14, 2020

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3000915230003253>

2 likes, 1 share

CAST, May 18, 2020

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3012510268843749>

4 likes, 1 share

CAST, May 19, 2020

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3014948938599882>

1 like, 1 share

CAST, May 21, 2020

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3019934774767965>

1 like, 1 share

CAST, May 22, 2020

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3022202937874482>

4 likes, 1 share

CAST, January 2, 2021

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/3668470846581018/?type=3&theater>

2 likes, 2 shares

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LinkedIn—

CAST, May 11, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6665618853466304512>

2 likes

CAST, May 18, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6668145645506846721>

2 likes, 1 comment

CAST, May 19, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6668509298944970752>

3 likes

CAST, May 21, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6669261751718043648>

4 likes