CAST Issue Paper 68

Agriculture and the Microbiome
Released August 24, 2020

Co-Chairs: Drs. Ignazio Carbone and Megan Andrews,
North Carolina State University;
17-member task force

Release/Rollout
CAST Issue Paper 68, “Agriculture and the Microbiome,” was released on August 24, 2020. On August 25, Drs. Ignazio Carbone and Megan Andrews presented highlights of the paper in a webinar followed by Q&A with a panel of task force authors—Elizabeth Stulberg, Gregory Maloney, and Carolyn Young. There were 653 registrants for the webinar with 282 attendees.

Webinar Video – 610 views as of August 24, 2021
Link to commentary, Ag quickCAST, student study guide, webinar video, and Q&A

Press Release (results two weeks after release)

- Distributed through Constant Contact, PRWeb, and the CAST website.
- Press release went to 8,544 e-mails resulting in 3,671 opens
- 591 views of the press release from the CAST website as of February 24, 2022.
- The press release through PRWeb resulted in 1,832 views and reached 886 targeted influencers (journalists/bloggers).
- 103 media outlets posted the press release. A sampling of sites where the press release was picked up: AgriTech Tomorrow, RFD-TV, News Break, NAAE Communities of Practice, Journal of Commercial Biotechnology, eGreenews, Biotechblog, One News Page (U.S. and Global Editions), Markets Insider, Ask.com, Scoop.it, Seed Daily, Owler, and many daily news and business journal sites, and regional news channels (ABC, CBS, CW, FOX, NBC)

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

Follow-On Activities
American Society of Agronomy/Soil Science Society of America, 1 CEU was offered to certified crop advisors for watching the webinar

This report last updated 2/28/2022.
Email comments received following webinar:
Thank you for your work around the recent microbiome zoom meeting. I hope that it received broad participation, as it seems there is an extraordinary amount of work to do. As a fellow communicator, I am aware that our work is mostly in the background. The session was well orchestrated on your part.
DRM, Outreach Strategist US|Africa|Asia

Thank you very much for the paper Agriculture and the Microbiome, very important contribution for the comprehension of this area of knowledge for us.
SEC, Facultad de Ingeniería Agraria, Industrias Alimentarias y Ambiental

Paper Distribution
Paper Distribution (print and online) 2 years after release – 3,027

Indirect Paper Distribution
AgriTech Tomorrow (link to paper)
https://www.agritechtomorrow.com/whitepapers.php

EBSCO
Phytobiomes Alliance (link to paper)
https://phytobiomesalliance.org/all-news/
https://phytobiomesalliance.org/people/kellye-eversole/

Articles and Web Mentions
American Society of Agronomy
https://www.agronomy.org/science-policy/sspr/2020-08-05/

America’s Farm Report

North Carolina State University CALS News
https://cals.ncsu.edu/event/agriculture-and-the-microbiome-cast-webinar/

North Carolina State University CALS News, For the Next Agricultural Revolution, Look to the Microbiome, Dee Shore, August 24, 2020

The Ohio State University, Center of Microbiome Science
https://u.osu.edu/coms/events/

Citations
Critical Reviews in Food Science and Nutrition, Practical considerations will ensure the continued success of pre-harvest biocontrol using non-aflatoxigenic Aspergillus flavus strains, Geromy G. Moore, January 28, 2021

Portland Press, Emerging Topics in Life Sciences, Plant growth-promoting microbes — an industry view, Natalie W. Breakfield, Dayna Collett, Michael E. Frodyma, February 18 2021
https://doi.org/10.1042/ETLS20200313

This report last updated 2/28/2022.
https://doi.org/10.1111/1751-7915.13802


Social Media

Twitter—
Jennie Schmidt MS RD @FarmGirlJen, August 4, 2020
https://twitter.com/FarmGirlJen/status/1290690470755086336
1 retweet, 2 likes

@CASTagScience, August 18, 2020
https://twitter.com/CASTagScience/status/1295723114991583235
1 quote tweet, 1 like

@CASTagScience, August 22, 2020
https://twitter.com/CASTagScience/status/1297187426398609411
1 retweet, 2 likes

@Ron_on_RON, August 24, 2020
https://twitter.com/Ron_on_RON/status/1297934705371697152
1 like

NABC/K-State @KSU_NABC, August 24, 2020
https://twitter.com/KSU_NABC/status/1297867704624390144
1 like

David Gogerty @docgoges, August 31, 2020
https://twitter.com/docgoges/status/1300424598521962496
2 likes

Phytobiomes @PhytoBiomes, August 4, 2020
https://twitter.com/PhytoBiomes/status/1290754171969445890
1 retweet, 2 likes

AgriTechTmrw @AgriTechTmrw, August 24, 2020
https://twitter.com/AgriTechTmrw/status/1297946233596764161
1 like

@CASTagScience, August 24, 2020
https://twitter.com/CASTagScience/status/1297889067225550850
6 retweets, 4 likes

This report last updated 2/28/2022.
@CASTagScience, August 25, 2020
https://twitter.com/CASTagScience/status/12982514943447681
1 retweet, 1 quote tweet, 1 like

Phytobiomes @PhytoBiomes, August 26, 2020
https://twitter.com/PhytoBiomes/status/1298693299457257472
3 retweets, 4 likes

@CASTagScience, August 26, 2020
https://twitter.com/CASTagScience/status/1298625032260853761
3 retweets, 2 quote tweets, 2 likes

Novozymes N. America @NovozymesNA, August 28, 2020
https://twitter.com/NovozymesNA/status/1299370541846089728
1 like

@CASTagScience, August 29, 2020
https://twitter.com/CASTagScience/status/1299715964414689283
1 like

Lucas Palmeira @LuPa1386, August 31, 2020
https://twitter.com/LuPa1386/status/1300461650860883970

@CASTagScience, August 31, 2020
https://twitter.com/CASTagScience/status/1300434123635462145
2 likes

Debbie Yaver @DYaver, September 11, 2020
https://twitter.com/DYaver/status/1304524375685836800

@CASTagScience, December 15, 2020
https://twitter.com/CASTagScience/status/1338858884321034245
2 retweets, 3 likes

Facebook—
Council for Agricultural Science and Technology (CAST), June 18, 2020
3 likes, 1 share

Council for Agricultural Science and Technology (CAST), July 7, 2020
2 likes, 1 share

Council for Agricultural Science and Technology (CAST), August 6, 2020
2 likes, 1 share

Council for Agricultural Science and Technology (CAST), August 13, 2020
This report last updated 2/28/2022.
This report last updated 2/28/2022.
CAST (Council for Agricultural Science and Technology), August 18, 2020

CAST (Council for Agricultural Science and Technology), August 22, 2020
4 likes

CAST (Council for Agricultural Science and Technology), August 24, 2020
3 likes

CAST (Council for Agricultural Science and Technology), August 25, 2020
1 like

CAST (Council for Agricultural Science and Technology), August 26, 2020
1 like

CAST (Council for Agricultural Science and Technology), August 29, 2020
2 likes

CAST (Council for Agricultural Science and Technology), August 31, 2020
2 likes

CAST (Council for Agricultural Science and Technology), December 15, 2020
1 like

Blog—
“Agriculture and the Microbiome” Blog, August 27, 2020
https://www.cast-science.org/agriculture-and-the-microbiome-blog/

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