



THE CONTRIBUTIONS OF PESTICIDES TO PEST MANAGEMENT IN MEETING THE GLOBAL NEED FOR FOOD PRODUCTION BY 2050

CAST Issue Paper 55
Released November 17, 2014
Chair Dr. Stephen C. Weller
www.cast-science.org

Total E-Contacts
Total No. of E-Contacts as of December 12, 2014: 10,672
Total Web Connections as of December 12, 2014: 265
Website Hits after 2 years – November 17, 2016:
Issue Paper: 10,493
Ag QuickCAST: 8,192

Rollout/Release

On November 17, 2014, Dr. Stephen Weller of Purdue University gave three presentations to audiences in Washington, D.C., to introduce CAST Issue Paper 55. Dr. Weller and CAST EVP Linda Chimenti were hosted by Tom Van Arsdall, Executive Director of NC-FAR at briefings for Senate and House staffers. At both briefings, Dr. Tyrone Spady, Director of Legislative and Public Affairs at the American Society of Plant Biologists, served as Program Moderator. That afternoon, CAST assembled a group of experts who took part in a panel discussion during an afternoon program hosted by the American Farm Bureau. The discussion followed Dr. Weller's overview of the CAST paper. Panelists included:

- Rob Hedberg, National Director of the Sustainable Agriculture Research and Education (SARE) Program, National Institute of Food and Agriculture
- Jack Housenger, Director of the Office of Pesticide Programs, U.S. Environmental Protection Agency
- Paul Schlegel, Director, Energy and Environment Team, American Farm Bureau Federation

Press Release (results two weeks after release)

- Press release went to 10,672 e-contacts (4,292 media) resulting in 3,657 opens.
- 41,980 headline impressions, and 265 online pickups [on press release through through PRWeb](#).
- A sampling of sites where the release was picked up: Ag Professional, AgroNews, AgTech XChange, ASPA, CropLife America, Food and Ag Policy, Future Farm, NIFA Update, Physics Today, and SeedQuest.

Follow-On Activities

- A video, featuring a presentation by Dr. Stephen Weller, was filmed following the release of Issue Paper 55 and released on YouTube on Monday, December 1, 2014. <https://www.youtube.com/watch?v=7mylqGeucec> (400 views as of 11/9/2017)
- CAST Issue Paper 55 was mentioned in *Feedstuffs* article, "Report explores role of pesticides in feeding world."

Paper Distribution

- Issue Paper Downloads—1 year after release: 6,709; 2 years: 10,493
- Ag quickCAST Downloads—1 year after release: 3,322; 2 years: 8,192
- Distributed over 750 copies of printed issue paper

Indirect Paper Distribution

CAB Direct (abstract and link to paper)

Accessed November 9, 2017

<https://www.cabdirect.org/cabdirect/abstract/20173010754>

Food and Ag Policy (link to CAST article and paper)

Accessed December 3, 2014

<http://www.foodandagpolicy.org/news/story/contributions-pesticides-pest-management-meeting-global-need-food-production-2050-council>

Forum Phyto (summary paragraph and link to paper)

Accessed December 3, 2014

<http://www.forumphyto.fr/en/2014/11/24/la-contribution-des-pesticides-a-la-protection-des-plantes-pour-assurer-la-securite-alimentaire-a-lhorizon-2050-cast-usa/>

NoExperienceNecessaryBook (PDF of paper)

Accessed November 9, 2017

<https://www.noexperiencenecessarybook.com/yKmq7/the-contributions-of-pesticides-to-pest-management-in-cast.html>

North Dakota State University – Potato Extension (summary paragraph and link to paper)

Accessed November 24, 2014

<http://www.ag.ndsu.edu/potatoextension/the-contributions-of-pesticides-to-pest-management-in-meeting-the-global-need-for-food-production-by-2050>

Articles and Web Mentions

Delta Farm Press

Good value: Crop protection materials return \$19 in production value for each \$1

Accessed December 3, 2014

<http://deltafarmpress.com/blog/good-value-crop-protection-materials-return-19-production-value-each-1>

Precision AgWired

Crop Protection Products & Global Food Demand

Accessed November 21, 2014

<http://precision.agwired.com/2014/11/20/crop-protection-products-global-food-demand/>

Social Media

[@CropLifeAmerica] “Will #pesticides help us meet our future food needs? Join @CASTagScience on 11/17 for a #pesticidepanel discussion goo.gl/Ro32pO”
(1:05 PM • 14 Nov 2014)

[@MichielSyngenta] “Near Washington, DC? Register for @CASTagScience’s discussion of pesticides and food security next Monday conta.cc/1sEwxGO”
(1:33 PM • 14 Nov 2014)

[@SCIEXFood] “RT @CropLifeAmerica: Will #pesticides help us meet our future food needs? @CASTagScience 11/17 #pesticidepanel goo.gl/Ro32pO”
(9:05 AM • 15 Nov 2014)

[@Timberati] “RT @CASTagScience: You Can’t Eat What Doesn’t Grow—panel discussion re pesticides in D.C. campaign.r20.constantcontact.com/render?ca=10a2... #pesticidepanel”
(8:16 AM • 17 Nov 2014)

[@UNL_CropWatch] “RT @CASTagScience: New Paper: The Contributions of Pesticides to Pest Management in Meeting the Global Need for Food. fb.me/1LUbFc7qz”
(9:08 AM • 17 Nov 2014)

[@CropLifeAmerica] “Pesticides improve our prospects for long-term sustainable food production! Via @CASTagScience goo.gl/XyphsO #ModernAgMonday”
(10:14 AM • 17 Nov 2014)

[@SipcamAdvanAg] “RT @CASTagScience: New Pesticide research paper--free download cast-science.blogspot.com @pesticidepanel #agriculture27x7 #e_agriculture”
(9:12 AM • 18 Nov 2014)

[@MichielSyngenta] “Great paper from @CASTagScience focuses on the role #pesticides will play in meeting global food needs by 2050 bit.ly/1qWF4oO”
(4:23 PM • 19 Nov 2014)

[@CropLifeAmerica] “Pesticides reduce insect, disease & weed threats to crops goo.gl/3RTuUn Read @CASTagScience’s paper on #cropprotection for info”
(1:17 PM • 20 Nov 2014)

[@LizLovesFarms] “Thanks @CASTagScience for The Contributions of Pesticides in Meeting the Global Need for Food Production: buff.ly/1xPjQhF #agtech”
(10:03 AM • 21 Nov 2014)

[@PA_AgPromo] “RT @CASTagScience A look at pesticide use--free research download #pesticidepanel #agriculture24x7 #AgBlogFeed #teachag...”
(12:25 PM • 21 Nov 2014)

[@PA_YFR] “RT @CASTagScience A look at pesticide use--free research download #pesticidepanel #agriculture24x7 #AgBlogFeed #teachag...”
(12:25 PM • 21 Nov 2014)

[@lmb5546] “RT @CASTagScience A look at pesticide use--free research download #pesticidepanel #agriculture24x7 #AgBlogFeed #teachag...”
(12:25 PM • 21 Nov 2014)

[@CA_Pesticides] “#Pesticides can help the world grow food for years! #DPR says use them safely. buff.ly/1vHIgxd @CASTagScience” (PICTURE INCLUDED)
(9:45 AM • 25 Nov 2014)

[@eaphil] “Impressive return: U.S. farmers achieve \$19 in production value for every \$1 spent on insecticides bit.ly/19-1Value @CASTagScience”
(8:16 AM • 3 Dec 2014)

[@farmpress] “Impressive return: U.S. farmers achieve \$19 in production value for every \$1 spent on insecticides bit.ly/19-1Value @CASTagScience”
(9:00 AM • 3 Dec 2014)