



CAST Issue Paper 66

Interpreting Pesticide Residues in Food

Released October 21, 2019

Chair: Carl Winter, University of California-Davis
6-member task force

Release/Rollout

On October 21, Dr. Carl Winter, the task force chair, presented highlights and key findings of the paper in Washington, D.C., at a morning Senate briefing, to House staffers at a Lunch-n-Learn noon seminar, and an off-the-hill presentation and discussion held at CropLife America. There were 59 registrants for these events.

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

Press Release (results two weeks after release)

- Press release went to 8,714 e-contacts resulting in 4,271 opens.
- The [press release through PRWeb](#) resulted in 2,508 views and reached 1,404 targeted influencers (journalists/bloggers).
- 97 media outlets posted the press release. A sampling of sites where the release was picked up: British Crop Production Council (BCPC), University of Maryland Extension Vegetable and Fruit News, Yahoo, many daily news and business journal sites, and regional news channels (ABC, CBS, CW, FOX, NBC).

Follow-On Activities

- Video of Dr. Winter's presentation and slides posted on CAST website and YouTube. [Click here to view](#). (416 views as of October 21, 2021).
- The issue paper was [translated into Mandarin Chinese](#) and posted online May 8, 2020.
- The issue paper was [translated into French](#) posted online June 8, 2020.

Paper Distribution

- Paper Distribution—2 years after release: 1,974

Indirect Paper Distribution

Bayer CropScience Resource Library

<https://www.cropscience.bayer.com/resourcelibrary>

This report last updated October 21, 2021.

CropLife Vietnam

<https://croplifevietnam.org/cat-tai-lieu/tl-bao-ve-thuc-vat>

EBSCO

University of California-Davis, Food Safety

<https://ucfoodsafety.ucdavis.edu/consumers/food-science-and-law-consumers>

UC Food Safety, Food Science and Law for Consumers

<https://ucfoodsafety.ucdavis.edu/consumers/food-science-and-law-consumers>

Articles and Web Mentions

Genetic Literacy Project, *Avoid produce because of pesticides? No 'sound science' behind that recommendation, new report says*, October 22, 2019

<https://geneticliteracyproject.org/2019/10/22/avoid-produce-because-of-pesticides-no-sound-science-behind-that-recommendation-new-report-says/>

The Well, *New CAST Report Concludes Pesticide Residues in Food Are Safe*, October 23, 2019, Keith Mathews

<https://www.thewell.law/blogposts/cast-releases-issue-paper-on-interpreting-pesticide-residues-in-food>

The University of Maine Cooperative Extension Pest Management Unit, *Maine Tree Fruit Newsletter*, March 2, 2021

<https://extension.umaine.edu/ipm/wp-content/uploads/sites/44/2021/03/Maine-Tree-Fruit-Newsletter-2021-03-02-Addendum.pdf>

Citations

COMPREHENSIVE REVIEWS IN FOOD SCIENCE AND FOOD SAFETY, *Residues of glyphosate in food and dietary exposure*, John L. Vicini, Pamela K. Jensen, Bruce M. Young, John T. Swarthout, First published: 16 August 2021

<https://doi.org/10.1111/1541-4337.12822>

University of Connecticut Extension, *What do labels really mean? Organic, Natural, Cage-Free...*, December 9, 2019

<https://blog.extension.uconn.edu/2019/12/09/what-do-labels-really-mean-organic-natural-cage-free/>

Ghana Journal of Science, Technology and Development, *Causes and management of pesticides contamination in agriculture: A review*, Vol. 7, Issue 2. February 2021

<https://gjstd.org/index.php/GJSTD/article/view/265>

Social Media

Twitter—

CASTagScience, Oct 11, 2019

<https://twitter.com/CASTagScience/status/1182625318173106178>

@RSaik, Oct 11, 2019

<https://twitter.com/RSaik/status/1182635249324310528>

CASTagScience, Oct 21, 2019

<https://twitter.com/CASTagScience/status/1186282302172741634>

@OneHealthNews, Oct 21, 2019

<https://twitter.com/OneHealthNews/status/1186261475490500609>

CASTagScience, Oct 26, 2019

This report last updated October 21, 2021.

<https://twitter.com/CASTagScience/status/1188168592170323968>

CASTagScience, Dec 11, 2019

<https://twitter.com/CASTagScience/status/1204769241871896576>

CASTagScience, Oct 20, 2020

<https://twitter.com/CASTagScience/status/1318553279606018052>

Facebook—

Mid America CropLife Association, Oct 11, 2019

[https://www.facebook.com/MACroplifeA/posts/3029005183840796?_xts__\[0\]=68.ARBKMFRI4dZKcBT9IKByHxCeSx8nP_aZxNH_0us1hkYZeBLjXCjriZl7ubOuqdlITS-8xQJ3OKUx8ELwjMmIcDvqmqIJ_CX03gNilhwIDn77VDpoLO9kUlpENoHJM-ttIth5B5XBTbYnZjpppIAkTHdhBlS6Jlkoq_qCiqAZ-ltMKU7drGBPN7_Q4ygHarPNMkestl0_2-7qrDjdjeiyzo8cAYIS8Z4m8faXtbXHXKy4FT2aVWQjBHWSZ2iuhS2QsY6qDfnXCuQCNMqiqXKsoXb1nf0rdNqUCbADhEjYGBSgxA3pgaQ0nh_g9yUBL4wgVbPzP-1IOFhIZP_qaY7qGcjHb2g&_tn_=-R](https://www.facebook.com/MACroplifeA/posts/3029005183840796?_xts__[0]=68.ARBKMFRI4dZKcBT9IKByHxCeSx8nP_aZxNH_0us1hkYZeBLjXCjriZl7ubOuqdlITS-8xQJ3OKUx8ELwjMmIcDvqmqIJ_CX03gNilhwIDn77VDpoLO9kUlpENoHJM-ttIth5B5XBTbYnZjpppIAkTHdhBlS6Jlkoq_qCiqAZ-ltMKU7drGBPN7_Q4ygHarPNMkestl0_2-7qrDjdjeiyzo8cAYIS8Z4m8faXtbXHXKy4FT2aVWQjBHWSZ2iuhS2QsY6qDfnXCuQCNMqiqXKsoXb1nf0rdNqUCbADhEjYGBSgxA3pgaQ0nh_g9yUBL4wgVbPzP-1IOFhIZP_qaY7qGcjHb2g&_tn_=-R)

CAST, Oct 14, 2019

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2537535679674546/?type=3&theater>

CAST, Oct 18, 2019

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2547139108714203/?type=3&theater>

Gale Osborne, Oct 21, 2019

[https://www.facebook.com/gale.osborne/posts/2801869999823064?_xts__\[0\]=68.ARBKxkgig7-JN7T1bJoKwYj_frey95T1CmyLtuJMUL8diws-QSucY_wYFplhzPT2gbw76sXTDGK9jxCsifRPrT0ujagYxrTnArwWVIMTGHUedQ73TWWDS5FMkKRMvMfJ2lyUZU0YfYX80scSV_mAtKdRuWMHFJRjYajn-VPmVksD_dyATmKMNWJ8CfRPchIxYsX1rH-NgwBLgwdQf55ty5jpu04D7IsashyJupEplzFHfu3d1E-kQXXVIQhNwDOiGfyM_rl_kM6ADIfYmbykqIOSd1cEpmDRyDjZACyupfB91VYBysvXojwwo93raO_LYs0DERJZYrfuzihV9fISidEdZg&_tn_=-R](https://www.facebook.com/gale.osborne/posts/2801869999823064?_xts__[0]=68.ARBKxkgig7-JN7T1bJoKwYj_frey95T1CmyLtuJMUL8diws-QSucY_wYFplhzPT2gbw76sXTDGK9jxCsifRPrT0ujagYxrTnArwWVIMTGHUedQ73TWWDS5FMkKRMvMfJ2lyUZU0YfYX80scSV_mAtKdRuWMHFJRjYajn-VPmVksD_dyATmKMNWJ8CfRPchIxYsX1rH-NgwBLgwdQf55ty5jpu04D7IsashyJupEplzFHfu3d1E-kQXXVIQhNwDOiGfyM_rl_kM6ADIfYmbykqIOSd1cEpmDRyDjZACyupfB91VYBysvXojwwo93raO_LYs0DERJZYrfuzihV9fISidEdZg&_tn_=-R)

CAST, Oct 21, 2019

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2552883058139808/?type=3&theater>

The Foodie Farmer, Oct 22, 2019

[https://www.facebook.com/DirtDietitian/posts/2501412756594619?_xts__\[0\]=68.ARC73CDXroOztEstmjvSYIW3KeT_3bfJxNjBRVldsew-Qg-Dor6sLTO7oSgK5jqtemaDUYcK091EQyfExlvefhkFvXcRfYu2aM6nT9HTA45R21KKWTwZyoD206MD2CpK1Li_MZkC8DanJmcTnA8MIBONuAI3KLS8AfS1E6dH8mjul7NJDsBYmSgsx3uOZ5vkk50INDLgojhNE8pSc1Qvaw7J5tOJma4xuu_S2FoFyK7nvSEOS_y_7mSHGn8u9RQM9ywcmDbXPALemYl2G5nSp3S3sC0_yj0DvDSe3BK7KfOMNEUp8699Q2jUDJaqZ8Ch59OPAUufq8yqS0Li6WjZikFZPBQjB3zbxYzvKMaGcbTWkbgROy2euSK9PQ7jliGT_7ibGrxfmVeChM3z3-miDoXGQvalmC7Nfq3hYHdKuU8NGwNyTJa_fKnArM3oSExFQCwbioY3NwlvYDQ1dLN5dF2ywyB9eB4qDWL6V-C-o6cVpYNSaQ-B_Dp&_tn_=-R](https://www.facebook.com/DirtDietitian/posts/2501412756594619?_xts__[0]=68.ARC73CDXroOztEstmjvSYIW3KeT_3bfJxNjBRVldsew-Qg-Dor6sLTO7oSgK5jqtemaDUYcK091EQyfExlvefhkFvXcRfYu2aM6nT9HTA45R21KKWTwZyoD206MD2CpK1Li_MZkC8DanJmcTnA8MIBONuAI3KLS8AfS1E6dH8mjul7NJDsBYmSgsx3uOZ5vkk50INDLgojhNE8pSc1Qvaw7J5tOJma4xuu_S2FoFyK7nvSEOS_y_7mSHGn8u9RQM9ywcmDbXPALemYl2G5nSp3S3sC0_yj0DvDSe3BK7KfOMNEUp8699Q2jUDJaqZ8Ch59OPAUufq8yqS0Li6WjZikFZPBQjB3zbxYzvKMaGcbTWkbgROy2euSK9PQ7jliGT_7ibGrxfmVeChM3z3-miDoXGQvalmC7Nfq3hYHdKuU8NGwNyTJa_fKnArM3oSExFQCwbioY3NwlvYDQ1dLN5dF2ywyB9eB4qDWL6V-C-o6cVpYNSaQ-B_Dp&_tn_=-R)

CAST, Oct 26, 2019

[https://www.facebook.com/CASTagScience/posts/2564049510356496?_xts__\[0\]=68.ARBA2EPU42y2_F0qGXIGbs9HYM3e5RsGAakpDyhAVpvYXRTV-QKdtBZYaVO8qULsN-Ym4elHB3lvSBF6AOSw4YIsQASc1eyw5fUcJsuWCyoO1oQrWCGhmmKgJRbj0Jh2K6mgPxmOPIEYxp0k28hu-p4ZAEA_hfE6-RDqDZX-diDJGe-Xpss5x43VSa4Dbi3UUXchkJaPJHjImEra936Gce-FEBjylu9256NOugGnqfTHBgHHudYgQ0XuoJKCUOfSmo9eSImDUqR3CSixU-ehMf5r65DhpFNo3oOXicjX6JZAu5Giyab8pW6ZDi0dl3DESZZZGThlc-JedIh9SznSpZCwg&_tn_=-R](https://www.facebook.com/CASTagScience/posts/2564049510356496?_xts__[0]=68.ARBA2EPU42y2_F0qGXIGbs9HYM3e5RsGAakpDyhAVpvYXRTV-QKdtBZYaVO8qULsN-Ym4elHB3lvSBF6AOSw4YIsQASc1eyw5fUcJsuWCyoO1oQrWCGhmmKgJRbj0Jh2K6mgPxmOPIEYxp0k28hu-p4ZAEA_hfE6-RDqDZX-diDJGe-Xpss5x43VSa4Dbi3UUXchkJaPJHjImEra936Gce-FEBjylu9256NOugGnqfTHBgHHudYgQ0XuoJKCUOfSmo9eSImDUqR3CSixU-ehMf5r65DhpFNo3oOXicjX6JZAu5Giyab8pW6ZDi0dl3DESZZZGThlc-JedIh9SznSpZCwg&_tn_=-R)

CAST, Nov 18, 2019

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2613516478743132/?type=3&theater>

Debbie Sterkel Borg, Jan 10, 2020

<https://www.facebook.com/D.Sterkel.Borg/posts/10221704080780325>

CAST, Mar 3, 2020

This report last updated October 21, 2021.

[https://www.facebook.com/CASTagScience/posts/2837778779650233?_xts__\[0\]=68.ARCRKsoPY3M2YDGzpzB4v47aWifL_jZwXsLbWNhNVdTXcLRZIK4UNi7sAt284jWeSNWwuhQkEeyUDIII3RMtPiQNIfs1-oZuiYdn0ZnBR8Cc70A-f5GERivw5UQ5fvW_TyRXZw4qrkNZQcsWFq0P65qvt5L4g854X-953hm1I9H6aqxD-e92PWhNAIZDF0R-cp3InD-G0xg2NsSqDjrNYmVrLpANvqDmz3UJH_vsX6o_oBvcJRH_Jj5_yoyHt6E0E6WWhoVQOI01Bvg6fJBn2WYpnljB615ZRdipeAnxn6_VM4co0SWVW0byRi3OF0tnKwbzsdOnxJeuVDMrLqI3Ia06abLkeSHTJ3Xg3KJto2XfclIVc5d8cs1BWOFGaA6cFn38pfTrnYZDKKjpbJmzpYudHQdVUAnETPNlw9YcBSft_ZmvAJtOkkJAY9b4PDYTOXAS2ZRczDz4SLIGE2O4qznnNfKUriM-URemBbL-FFfoHCC5-YhqCS&_tn_=-R](https://www.facebook.com/CASTagScience/posts/2837778779650233?_xts__[0]=68.ARCRKsoPY3M2YDGzpzB4v47aWifL_jZwXsLbWNhNVdTXcLRZIK4UNi7sAt284jWeSNWwuhQkEeyUDIII3RMtPiQNIfs1-oZuiYdn0ZnBR8Cc70A-f5GERivw5UQ5fvW_TyRXZw4qrkNZQcsWFq0P65qvt5L4g854X-953hm1I9H6aqxD-e92PWhNAIZDF0R-cp3InD-G0xg2NsSqDjrNYmVrLpANvqDmz3UJH_vsX6o_oBvcJRH_Jj5_yoyHt6E0E6WWhoVQOI01Bvg6fJBn2WYpnljB615ZRdipeAnxn6_VM4co0SWVW0byRi3OF0tnKwbzsdOnxJeuVDMrLqI3Ia06abLkeSHTJ3Xg3KJto2XfclIVc5d8cs1BWOFGaA6cFn38pfTrnYZDKKjpbJmzpYudHQdVUAnETPNlw9YcBSft_ZmvAJtOkkJAY9b4PDYTOXAS2ZRczDz4SLIGE2O4qznnNfKUriM-URemBbL-FFfoHCC5-YhqCS&_tn_=-R)

CAST, Mar 10, 2020

<https://www.facebook.com/CASTagScience/photos/a.477568575671277/2852233588204752/?type=3&theater>

CAST, Oct 20, 2020

<https://www.facebook.com/CASTagScience/posts/3471309986297106>

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CAST, Oct 14, 2019

<https://www.linkedin.com/feed/update/urn:li:activity:6589555421667749889>

CAST, Oct 18, 2019

<https://www.linkedin.com/feed/update/urn:li:activity:6591072844598296576>

CAST, Oct 21, 2019

<https://www.linkedin.com/feed/update/urn:li:activity:6592048010635595776>

CAST, Nov 18, 2019

<https://www.linkedin.com/feed/update/urn:li:activity:6602279152022278144>

CAST, Oct 20, 2020

<https://www.linkedin.com/feed/update/urn:li:activity:6724318844422250497>

Blog—

<https://www.cast-science.org/yes-youre-exposed-to-pesticides-in-food-no-you-wont-be-harmed/>

<https://cast-science.blogspot.com/2019/08/update-on-2019-cast-publications-from.html?fbclid=IwAR1K1W1OooAQumSkkVBKU7XYbKs8vYFahxxDTx-ITEJTSyJ9rAQWMOBWWM4>

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