



WEED SCIENCE SOCIETY of AMERICA

RESEARCH - EDUCATION - INNOVATION
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WSSA Committee Report

COMMITTEE: Weed Loss Committee (E11)

Date: January 23, 2026

BOARD LIAISON: Peter Dotray (SWSS Rep (B16))

Include in Consent Agenda: ☒ Yes (no discussion needed, just informational update)

☐ No (items in report require discussion or action)

Name	Term Ending	Region/ Affiliation		Name	Term Ending	Region/ Affiliation
Chair: Flessner, Michael	2026	S		Basinger, Nicholas	2028	S
Dille, Anita	2026	NC		Besançon, Thierry	2028	NE
Felix, Joel	2026	W		Everman, Wesley	2028	NC
Geddes, Charles	2026	C		Ganie, Zahoor	2028	NE
Rana, Sandeep	2026	NC		Kumari, Annu	2028	NE
VanGessel, Mark	2026	NE		Landau, Christopher	2028	NC
Adjesiwor, Albert	2027	W		Soltani, Nadar	2028	C
Rui, Liu	2027	W		Williams, Marty	2028	NC
Aicklen, Isabelle	2028	C				

Reviewed MOP for updates: ☒ YES ☐ NO

Comments re: MOP: No updates needed

Committee Actions/Impacts/Activities:

Manuscripts submitted to *Weed Technology*:

Flessner, M. L., Basinger, N. T., Ganie, Z., Burke, I. & Pittman, K.B (n.d.) Survey of United States counties and hectareage affected by herbicide-resistant weeds in soybean, corn, and cotton in 2017. Submitted to *Weed Technology* Dec. 9, 2025.

- This paper will be presented at the 2026 WSSA Annual Meeting and at the 2026 SWSS Annual Meeting.

Manuscript to be submitted soon (possibly by time of the WSSA Annual Meeting):

VanGessel, M. J., Ramawater, Y., Aicklen, I., Sikkema, P. H., Robinson, D. E., Zahoor, G., Besançon, T., Rana, S. S., Liu, R., Sosnoskie, L. M., Colquhoun, J. B., Culpepper, S., Doohan, D., Dille, J. A., & Soltani, N. (n.d.) Yield losses in selected vegetable crops due to weeds in North America. Targeted journal for submission: Weed Technology

Weed Impacts on Crop Yields webpage added to WSSA's website, at the request of Dr. Lee Van Wychen: <https://wssa.net/resources/weed-impacts-on-crop-yields/>. This page highlights work of the Committee and is a useful resource for policymakers.

The Committee has been actively publishing in Weed Technology since 2016:

Year published	Citations*	Title	Doi
2016	290	Potential corn yield losses from weeds in North America.	https://doi.org/10.1614/WT-D-16-00046.1
2017	120	Perspectives on soybean yield losses due to weeds in North America.	https://doi.org/10.1017/wet.2016.2
2018	81	Potential yield loss in dry bean due to weeds in the United States and Canada.	https://doi.org/10.1017/wet.2017.116
2018	53	Potential yield loss in sugar beet due to weed interference in the United States and Canada.	https://doi.org/10.1017/wet.2018.88
2020	42	Potential yield loss in grain sorghum with weed interference in the United States.	https://doi.org/10.1017/wet.2020.12
2021	94	Potential wheat yield loss due to weeds in the United States and Canada.	https://doi.org/10.1017/wet.2021.78
2022	20	Economic impact of glyphosate-resistant weeds on major field crops in Ontario.	https://doi.org/10.1017/wet.2022.72
2022	8	Potential spring canola yield losses due to weeds in Canada and the United States.	https://doi.org/10.1017/wet.2022.88
2023	19	Potential potato yield loss from weed interference in the United States and Canada.	https://doi.org/10.1017/wet.2023.5

*according to Google Scholar as of Jan 13, 2026.

Committee Meeting Schedule*: (Include all planned meeting dates and times):

Annual 2026 meeting, Feb 2, 2026 01:00 PM Eastern Time (US and Canada) Via Zoom:
<https://virginiatech.zoom.us/j/6757289900?pwd=czVoY0VUV284bEdSanRsTHlUMnc1Zz09&omn=83195837987>
 Meeting ID: 675 728 9900 Passcode: weeds

Semi-annual check in meeting via Zoom, *time and date to be determined*

Budget needs: No funds are requested at this time. We anticipate publication fees in Weed Technology will be covered through lead authors' institution Transformative Agreement with Cambridge University Press.

Areas for improvement/concerns: none

Opportunities for future (symposia, speakers, communication, general):

Goals for 2026:

1. Yield and monetary loss due to waterhemp/Palmer amaranth (Dille/Geddes)
2. Potential yield loss due to weeds in cotton (Kumari/Rana/Everman/Basinger)
3. Potential yield loss due to glyphosate-resistant weeds in Manitoba, Saskatchewan and Alberta (Canadian prairies) (Geddes – 2025)

*This will be visible to all members for engagement.