

Personal Information

Last Name	Riemens
First Name(s)	Marleen
Title(s)	dr., ir.
Job title	Strategic Advisor Plant Sciences Group

Field(s) of knowledge relevant for your work at Ctgb

Agriculture
Pest and Disease management
Sustainable plant production systems

Education

Higher education

2009	Wageningen University, PhD Crop and Weed Ecology
2002	Wageningen University, MSc in Plant Breeding and Crop protection

Professional positions held

2023 -	present	Strategic Advisor Plant Sciences Group, Wageningen University and Research
2016	- 2023	Team leader crop health, Department of Field Crops, Wageningen University and Research.
2015	- 2016	Senior researcher Crop Protection, Wageningen University and Research Centre
2009	- 2015	Researcher, Plant Research International, Wageningen University and Research Centre.
2009		Visiting scientist, Aarhus University, Denmark.
2004	- 2009	PhD student, Wageningen University
2003	- 2009	Junior Researcher Crop Protection, Plant Research International, Wageningen University and Research Centre.
2002	- 2003	Student supervisor, Laboratory of Nematology, Wageningen University

Other information relevant for professional experience

2020	- present	Secretary of Theme Kringlooplandbouw A2: “Gezonde Robuuste Bodem en Teeltsystemen gebaseerd op agro-ecologie en zonder schadelijke emissies naar grond- en oppervlaktewater” for the Topsector Landbouw, Water, Voedsel. Coordination of research programs in which public and private research cooperation is executed.
2017	- 2019	Theme coordinator for sustainable plant production for the topsectors AgriFood and Tuinbouw & Uitgangsmaterialen. Coordination of research programs in which public and private research cooperation is executed.
2017	- 2023	Groene Gewasbescherming in de akkerbouw, National Research program on sustainable pest management in arable field crops, 2017 - present, Dutch ministry of Agriculture.
2017	- 2021	PPS GROEN, Public private cooperation: Crop Protection Robust, Optimal, Economic and Sustainable, 2017 - present
2017	- 2022	IWMPRAISE: Integrated Weed Management Practical Implementation and Solutions for Europe, (H2020, 2017 - present, EU).
2014		Mental Models and Participatory Research to Redesign Extension Programming for Organic Weed Management (United States Department of Agriculture, Organic Agricultural Research and Extension Initiative competitive grant program award number 2009-51300-05653, 2009-2014)
2011	- 2014	PURE - Pesticide Use-and-risk Reduction in European farming systems with Integrated Pest Management (FP7, DG Research, 2011-2014)

Participation in EU working groups and scientific networks

2016	- present	Member of the editorial board of Weed Research
2015	- 2023	Member of the Scientific Committee of the European Weed Research Society (EWRS)
2015	- 2023	Chair of the EWRS working group “Physical and cultural weed control”
2017	- 2020	Member of the board of the Royal Dutch Plant Protection Organisation (KNPV).
2007	- 2010	Member of the SETAC working group “Non Target Terrestrial Plants”
2005	- 2010	Member of the editorial board of “Gewasbescherming”, magazine of the Royal Dutch Plant Protection Organisation (KNPV)

Publications in peer reviewed Journals

2022		An Integrated Weed Management framework: A pan-European perspective. Riemens, M., Sønderskov, M., Moonen, A. C., Storkey, J. & Kudsk, P., Feb 2022, In: European Journal of Agronomy. 133, 126443.
2020		IWMPRAISE – An EU Horizon 2020 Project Providing Integrated Weed Management Solutions to European Farmers. Kudsk, Per; Sønderskov,

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- Mette; Bonin, Ludovic; Gonzalez-Andujar, Jose L.; Jensen, Jens Erik; Melander, Bo; Moonen, Camilla; Riemens, Marleen; Sattin, Maurizio; Schaffner, Urs; Storkey, Jonathan. *Outlooks on Pest Management*, Volume 31, Number 4, August 2020, pp. 152-159(8)
- 2018 Reviewing research priorities in weed ecology, evolution and management: a horizon scan.
Neve, P., Barney, J. N., Buckley, Y., Cousens, R. D., Graham, S., Jordan, N. R., Lawton-Rauh, A., Liebman, M., Mesgaran, M. B., Shaw, J., Storkey, J., Baraibar, B., Baucom, R. S., Chalak, M., Childs, D. Z., Christensen, S., Eizenberg, H., Fernández-Quintanilla, C., French, K., Harsch, M., Aug 2018, In : *Weed Research*. 58, 4, p. 250-258
- 2016 Ecologically sustainable weed management: How do we get from proof-of-concept to adoption?
Liebman, M., Baraibar, B., Buckley, Y., Childs, D., Christensen, S., Cousens, R., Eizenberg, H., Heijting, S., Loddo, D., Merotto, A., Renton, M. & Riemens, M., 2016, In : *Ecological Applications*. 26, 5, p. 1352-1369
- 2016 Transdisciplinary weed research: new leverage on challenging weed problems?
Jordan, N. ; Schut, M. ; Graham, S. ; Barney, J.N. ; Childs, D.Z. ; Christensen, S.B. ; Cousens, R.D. ; Davis, A.S. ; Eizenberg, H. ; Ervin, D.E. ; Fernandez-Quintanilla, C. ; Harrison, L.J. ; Harsch, M.A. ; Heijting, S. ; Liebman, M. ; Loddo, D. ; Mirsky, S.B. ; Riemens, M. ; Neve, P. ; Peltzer, D.A. ; Renton, M. ; Williams, M. ; Recasens, J. ; Sønderskov, M. (2016) *Weed Research*
- 2016 Ecologically sustainable weed management: How do we get from proof-of-concept to adoption?
Liebman, Matt ; Baraibar, Bàrbara ; Buckley, Yvonne ; Childs, Dylan ; Christensen, Svend ; Cousens, Roger ; Eizenberg, Hanan ; Heijting, Sanne ; Loddo, Donato ; Merotto, Aldo ; Renton, Michael ; Riemens, Marleen (2016) *Ecological Applications*
- 2010 Linking Farmer Weed Management Behavior with Weed Pressure: More than Just Technology.
Riemens, M.M. ; Groeneveld, R.M.W. ; Kropff, M.J. ; Lotz, L.A.P. ; Renes, R.J. ; Sukkel, W. ; Weide, R.Y. van der (2010) *Weed Science*
- 2009 Sublethal effects of herbicides on the biomass and seed production of terrestrial non-crop plant species, influenced by environment, development stage and assessment date.
Riemens, M.M. ; Dueck, T.A. ; Kempenaar, C. ; Lotz, L.A.P. ; Kropff, M.J. (2009) *Environmental Pollution*
- 2007 Effects of three management strategies on the seedbank, emergence and the need for hand weeding in an organic arable cropping system
Riemens, M.M. ; Groeneveld, R.M.W. ; Lotz, L.A.P. ; Kropff, M.J. (2007) *Weed Research*
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