

Advertisement



- [Log in](#)

Search SpringerLink

- [Published: 16 October 2014](#)

Measuring the general phytosanitary situation: development of a plant health barometer

- [Olivier Wilmart](#)¹✉
- [Xavier Van Huffel](#)¹
- [Herman Diricks](#)¹
- [Vera Huysshauer](#)¹
- [David Michelante](#)¹
- [Claude Bragard](#)³
- [Bruno Schiffers](#)⁴
- [Luc Pussemier](#)⁵
- [Dirk Berkvens](#)^{2,6}
- [Monica Höfte](#)⁷ &
- [...]
- [Mieke Uyttendaele](#)^{2,8}
- [- Show fewer authors](#)

[European Journal of Plant Pathology](#) volume 141, pages349–360(2015)[Cite this article](#)

- 238 Accesses
- 1 Citations
- 0 Altmetric

PDF

Help

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners in accordance with our [Privacy Statement](#). You can manage your preferences in [Manage Cookies](#).

[Manage Cookies](#)

✓ OK

2012. The plant health barometer provides an overview of the phytosanitary situation of plants and plant products in Belgium and is a tool to communicate in an intelligible, comprehensible manner on aspects of plant health to consumers and professional stakeholders in the plant production chain. Together with the food safety barometer and the animal health barometer, the plant health barometer is one of the three instruments to provide an overview on the general status of the safety of the food chain in Belgium.

This is a preview of subscription content, [log in](#) to check access.

Access options	
<p>Buy article PDF</p> <p>42,29 €</p> <p>Price includes VAT for Belgium</p> <p>Instant access to the full article PDF.</p> <p>Rent this article via DeepDyve.</p>	<p>Buy journal subscription</p> <p>151,50 €</p> <p>Price includes VAT for Belgium</p> <p>Immediate online access to all issues from 2019. Subscription will auto renew annually.</p> <p>Learn more about Institutional subscriptions</p>

Fig. 1

References

- Baert, K., Van Huffel, X., Wilmart, O., Jacxsens, L., Berkvens, D., Diricks, H., Huyghebaert, A., & Uyttendaele, M. (2011). Measuring the safety of the food chain in Belgium: development of a barometer. *Food Research International*, 44(4), 940–950.
 - [Article](#)
 - [Google Scholar](#)
- Baert, K., Van Huffel, X., Jacxsens, L., Berkvens, D., Diricks, H., Huyghebaert, A., & Uyttendaele, M. (2012). Measuring the perceived pressure and stakeholders' response that may impact the status safety of the food chain in Belgium. *Food Research International*, 48(1), 257–264.
 - [Article](#)
 - [Google Scholar](#)

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners in accordance with our [Privacy Statement](#). You can manage your preferences in [Manage Cookies](#).

> [Manage Cookies](#)

✓ OK

5. FCEC. (2010). *Evaluation of the Community Plant Health Regime*. Food Chain Evaluation Consortium (FCEC). European Commission, DG SANCO. Available at the following address: http://ec.europa.eu/food/plant/plant_health_biosafety/rules/index_en.htm
6. Gore, S. M. (1987). Biostatistics and the medical research council. *MRC News*, 35, 19–20.
 - [Google Scholar](#)
7. Houins, G. (2009). Business plan for the food agency 2009–2011, 88p. Available in French at the following address: <http://www.afsca.be/publicationsthematiques/business-plan-AFSCA.asp>
8. Pautasso, M., Dehnen-Schmutz, K., Holdenrieder, O., Pietravalle, S., Salama, N., Jeger, M. J., Lange, E., & Hehl-Lange, S. (2010). Plant health and global change—some implications for landscape management. *Biological Reviews of the Cambridge Philosophical Society*, 85(4), 729–55.
 - [PubMed](#)
 - [Google Scholar](#)
9. Scientific Committee. (2010). Advice 28–2010 of the Scientific Committee of the FASFC on 10th September 2010. *Development of a barometer of the safety of the food chain: methodology and case study: 'food safety barometer' (dossier Sci Com 2009/09)*. Available at the following address: http://www.afsca.be/scientificcommittee/advice/_documents/Advice28-2010-FoodSafetyBarometer_001.pdf.
10. Scientific Committee. (2011). Advice 10–2011 of the Scientific Committee of the FASFC on 26th September 2011. *The development of a plant health (phytosanitary situation) barometer (dossier Sci Com 2009/09ter)*. Available at the following address: http://www.afsca.be/scientificcommittee/advice/_documents/ADVICE10-2011_EN_DOSSIER2009-09ter.pdf.
11. Scientific Committee. (2012). Advice 11–2012 of the Scientific Committee of the FASFC on 4th May 2012. *The weight factors of the indicators used in the food safety, animal health and plant health (phytosanitary situation) barometers (dossier Sci Com 2012/03)*. Available at the following address: http://www.afsca.be/scientificcommittee/advice/_documents/Advice11-2012.pdf.
12. StataCorp. (2011). *Stata: Release 12. Statistical Software*. College Station TX, Stata Corp LP.
13. State Secretary for combating poverty, FPS Social Integration, FPS Social Security and FPS Economy. (2011). The inter-federal poverty barometer. Available in French at the following address: http://enquete.mi-is.be/armoedebaremeter/pages_fr/startMenu.html
14. Sustainable Development Task Force. (2009). Indicators, goals and visions of sustainable development? – Federal Report on sustainable development. 232 p. Available in French at the following address: http://www.plan.be/admin/uploaded/200910261233400.rapport_2009_fr.pdf

[Download references](#) ↓

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners in accordance with our [Privacy Statement](#). You can manage your preferences in [Manage Cookies](#).

> [Manage Cookies](#)

✓ OK

PDF

Help

- Olivier Wilmart
 - , Xavier Van Huffel
 - , Herman Diricks
 - , Vera Huyshauwer
 - & David Michelante
2. Scientific Committee, Federal Agency for the Safety of the Food Chain (FASFC), Boulevard du Jardin Botanique, 55, 1000, Brussels, Belgium
 - Dirk Berkvens
 - & Mieke Uyttendaele
 3. Earth & Life Institute, Applied Microbiology, Faculty of Biological, Agricultural and Environmental Engineering, Catholic University of Louvain (UCL), Croix du Sud, 2 bte L7.05.03, 1348, Louvain-la-Neuve, Belgium
 - Claude Bragard
 4. Laboratory of Phytopharmacy, Department of Chemistry and Bio-Industries, Gembloux Agro-Bio Tech (GxABT), University of Liège (ULg), Passage des Déportés, 2, 5030, Gembloux, Belgium
 - Bruno Schiffers
 5. Operational Direction of Chemical Safety of the Food Chain, Veterinary and Agrochemical Research Centre (CODA-CERVA), Leuvensesteenweg, 17, 3080, Tervuren, Belgium
 - Luc Pussemier
 6. Department of Biomedical Sciences, Institute of Tropical Medicine (ITG), Nationalestraat, 155, 2000, Antwerp, Belgium
 - Dirk Berkvens
 7. Laboratory of Phytopathology, Department of Crop Protection, Faculty of Bioscience Engineering, Ghent University (UGent), Coupure Links, 653, 9000, Ghent, Belgium
 - Monica Höfte
 8. Laboratory of Food Microbiology and Food Preservation, Department of Food Safety and Food Quality, Faculty of Bioscience Engineering, Ghent University (UGent), Coupure Links, 653, 9000, Ghent, Belgium
 - Mieke Uyttendaele

Authors

1. Olivier Wilmart
[View author publications](#)
 You can also search for this author in
 - [PubMed](#)
 - [Google Scholar](#)
2. Xavier Van Huffel
[View author publications](#)
 You can also search for this author in
 - [PubMed](#)
 - [Google Scholar](#)
3. Herman Diricks
[View author publications](#)
 You can also search for this author in
 - [PubMed](#)
 - [Google Scholar](#)

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners in accordance with our [Privacy Statement](#). You can manage your preferences in [Manage Cookies](#).

> [Manage Cookies](#)

✓ OK

PDF

Help

You can also search for this author in

- [PubMed](#)
- [Google Scholar](#)

7. Bruno Schiffers

[View author publications](#)

You can also search for this author in

- [PubMed](#)
- [Google Scholar](#)

8. Luc Pussemier

[View author publications](#)

You can also search for this author in

- [PubMed](#)
- [Google Scholar](#)

9. Dirk Berkvens

[View author publications](#)

You can also search for this author in

- [PubMed](#)
- [Google Scholar](#)

10. Monica Höfte

[View author publications](#)

You can also search for this author in

- [PubMed](#)
- [Google Scholar](#)

11. Mieke Uyttendaele

[View author publications](#)

You can also search for this author in

- [PubMed](#)
- [Google Scholar](#)

Corresponding author

Correspondence to [Olivier Wilmart](#).

Rights and permissions

[Reprints and Permissions](#)

About this article



Check for updates

PDF

Help

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners in accordance with our [Privacy Statement](#). You can manage your preferences in [Manage Cookies](#).

> [Manage Cookies](#)

✓ OK

- DOI: <https://doi.org/10.1007/s10658-014-0547-x>

Keywords

- Barometer
- Plant health
- Phytosanitary situation
- Belgium

Access options

Buy article PDF

42,29 €

Price **includes VAT** for Belgium

Instant access to the full article PDF.

Buy journal subscription

151,50 €

Price **includes VAT** for Belgium

Immediate online access to all issues from 2019.
Subscription will auto renew annually.

[Rent this article via DeepDyve.](#)

[Learn more about Institutional subscriptions](#)

PDF

Help

- [Sections](#)

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners in accordance with our [Privacy Statement](#). You can manage your preferences in [Manage Cookies](#).

> [Manage Cookies](#)

✓ OK

- **Fig. 1**

1. Baert, K., Van Huffel, X., Wilmart, O., Jacxsens, L., Berkvens, D., Diricks, H., Huyghebaert, A., & Uyttendaele, M. (2011). Measuring the safety of the food chain in Belgium: development of a barometer. *Food Research International*, 44(4), 940–950.

- [Article](#)
- [Google Scholar](#)

2. Baert, K., Van Huffel, X., Jacxsens, L., Berkvens, D., Diricks, H., Huyghebaert, A., & Uyttendaele, M. (2012). Measuring the perceived pressure and stakeholders' response that may impact the status of the safety of the food chain in Belgium. *Food Research International*, 48(1), 257–264.

- [Article](#)
- [Google Scholar](#)

3. Bezirtzoglou, C., Dekas, K., & Charvalos, E. (2011). Climate changes, environment and infection: facts, scenarios and growing awareness from the public health community within Europe. *Anaerobe*, 17(6), 337–40.

- [PubMed](#)
- [Article](#)
- [Google Scholar](#)

PDF

Help

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners in accordance with our [Privacy Statement](#). You can manage your preferences in [Manage Cookies](#).

> [Manage Cookies](#)

✓ OK

6. Gore, S. M. (1987). Biostatistics and the medical research council. *MRC News*, 35, 19–20.
 - [Google Scholar](#)
7. Houins, G. (2009). Business plan for the food agency 2009–2011, 88p. Available in French at the following address:
<http://www.afsca.be/publicationsthematiques/business-plan-AFSCA.asp>
8. Pautasso, M., Dehnen-Schmutz, K., Holdenrieder, O., Pietravalle, S., Salama, N., Jeger, M. J., Lange, E., & Hehl-Lange, S. (2010). Plant health and global change—some implications for landscape management. *Biological Reviews of the Cambridge Philosophical Society*, 85(4), 729–55.
 - [PubMed](#)
 - [Google Scholar](#)
9. Scientific Committee. (2010). Advice 28–2010 of the Scientific Committee of the FASFC on 10th September 2010. *Development of a barometer of the safety of the food chain: methodology and case study: 'food safety barometer' (dossier Sci Com 2009/09)*. Available at the following address:
http://www.afsca.be/scientificcommittee/advices/_documents/Advice28-2010-FoodSafetyBarometer_001.pdf.
10. Scientific Committee. (2011). Advice 10–2011 of the Scientific Committee of the FASFC on 26th September 2011. *The development of a plant health (phytosanitary situation) barometer (dossier Sci Com 2009/09ter)*. Available at the following address:
http://www.afsca.be/scientificcommittee/advices/_documents/ADVICE10-2011_EN_DOSSIER2009-09ter.pdf.
11. Scientific Committee. (2012). Advice 11–2012 of the Scientific Committee of the FASFC on 4th May 2012. *The weight factors of the indicators used in the food safety, animal health and plant health (phytosanitary situation) barometers (dossier Sci Com 2012/03)*. Available at the following address:
http://www.afsca.be/scientificcommittee/advices/_documents/Advice11-2012.pdf.

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners in accordance with our [Privacy Statement](#). You can manage your preferences in [Manage Cookies](#).

> [Manage Cookies](#)

✓ OK

PDF

Help

following address:

http://www.plan.be/admin/uploaded/200910261233400.rapport_2009_fr.pdf

Over 10 million scientific documents at your fingertips

Switch Edition

- [Academic Edition](#)
- [Corporate Edition](#)

- [Home](#)
- [Impressum](#)
- [Legal information](#)
- [Privacy statement](#)
- [How we use cookies](#)
- [Accessibility](#)
- [Contact us](#)

Not logged in - 193.191.217.94

VDIC+CEBAM (3000142870) - VDIC/CEBAM - SpringerProtocols (3001410231) - Federaal Agentschap voor de Veiligheid van de Voedselketen (3002071485)

[Springer Nature](#) **SPRINGER NATURE**

© 2020 Springer Nature Switzerland AG. Part of [Springer Nature](#).

PDF

Help

We use cookies to personalise content and ads, to provide social media features and to analyse our traffic. We also share information about your use of our site with our social media, advertising and analytics partners in accordance with our [Privacy Statement](#). You can manage your preferences in [Manage Cookies](#).

> [Manage Cookies](#)

✓ OK