

# Curriculum Vitae

- Name: **Koen Dillen**
- Date and Place of Birth: 9th July 1983 in Luxembourg, Luxembourg.
- Married to Lotte Nicasy
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- Present Position: Post-Doc Researcher at the Division of Agricultural and Food Economics in the Department of Earth and Environmental Sciences, Katholieke Universiteit Leuven, Belgium.

## Experience

<b>2010-current</b>	Consultant with MÖBIUS business redesign (www.MÖBIUS.eu)
<b>2010-current</b>	Research Fellow at the Katholieke Universiteit Leuven
<b>2006- 2010</b>	Research on the socio-economic effects of new biotic constraints or technologies in agriculture. The main research theme includes <i>ex ante</i> impact assessment of biotechnology under scarcity of data and the effect of European policy on GM crop production.
<b>2010</b>	PhD titled: <i>Opportunities for Agricultural Biotechnology in the EU: Policies and Novel constraints</i> . Advisor: Prof. E. Tollens
<b>2008-2009</b>	Coordinator of a research project, assessing the socio-economic impact of different damage abatement strategies for the invasive <i>Diabrotica virgifera virgifera</i> in the Central European maize production. This study includes extensive field work (surveys, data collection, interviews) in 8 countries (Hungary, Czech Republic, Ukraine, Romania, Slovakia, Poland, Austria and Serbia) and direct supervision of one employee.
<b>2008</b>	Invited researcher at the Africa Rice Center (WARDA/CGIAR). Rice is gaining importance as a staple food in Sub Sahara Africa (SSA). As net importers, the soaring world rice prices have severe consequences in SSA. Through use of the GTAP model we assessed the welfare effects of different research and investment strategies within the SSA rice value chain.
<b>2007</b>	GTAP analyst in the European Sixth Framework project “Facilitating the CAP reform: Compliance and Competitiveness of European Agriculture”

## Education

Date	Institute/Advisors	Degree/Course
<b>2006- 2010</b>	Arenberg Doctoral School Katholieke Universiteit Leuven/ Eric Tollens	PhD Bioscience engineering - Agricultural Economics.
<b>2009</b>	University of Missouri (USA)/Dr. Nick Kalaitzondonakes	Visiting researcher. Graduate courses in institutional economics.
<b>2008</b>	Humboldt University, Berlin (DE)/Agricultural University Nitra (SK)	MACE/ Marie Curie Training Course Institutional Analysis Workshop - Applying Theories and Practicing Methodologies
<b>2008</b>	Wageningen University (NL)/ Prof. Justus Wesseler	PhD course on Real Option Approach

2004	Georg August Universität Göttingen	Exchange student in the Erasmus exchange program
2003-2006	Faculty of Bioscience engineering, Katholieke Universiteit Leuven	Msc in Bioscience engineering. Major in Agricultural economics, minor in agriculture in the (sub-)tropics.
2000-2003	Faculty of Bioscience engineering, Katholieke Universiteit Leuven	Bsc in Bioscience engineering

### Languages

	<u>Comprehension</u>	<u>Speaking</u>	<u>Writing</u>
<b>Dutch</b>	Mother tongue	Mother tongue	Mother tongue
<b>English</b>	Fluent	Advanced	Advanced
<b>French</b>	Advanced	Good	Good
<b>German</b>	Advanced	Good	Basic

### Awards and Grants

2009	FWO visiting scholar grant for visiting the University of Missouri.
2009	Both the articles in <i>Ecological Economics</i> (64(4):683-689) and in the <i>Canadian Journal of Agricultural Economics</i> (59(3):463-486) have been selected by the Belgian Association of Agricultural Economists (BAAE) for inclusion in the Commemorative Book highlighting the most valuable scientific achievements in the association.
2008	Research grant to conduct a socio-economic study on damage abatement strategies against <i>Diabrotica virgifera virgifera</i>
2008	VLIR/UOS travel grant.
2008	Phd Fellowship at the Africa Rice Center (WARDA/CGIAR).
2007	Laureate of the Agricom Price for Master dissertations.
2006	American Agricultural Economists Association (AAEA) foundation graduate student traveler grant.

### Additional Information and Skills

- Knowledge of several software programs: Windows, Office, Mathcad, STATA, Arcview, @Risk, NVU.
- Intermittent member of the Belgian Association of Agricultural economists (BAAE), the European Association of Agricultural Economists (EAAE) and the American Association of Agricultural economists (AAEA). Within the BAAE part of the organizational team of the annual PhD symposium.
- Webmaster of the project website [EUWAB](#)
- National class runner during MSc studies, certified Track and Field coach now.
- Travelled in Europe, Africa, Australia and North America.

### Publication Record

#### ➤ Peer Reviewed Academic Journals (+ 3 submitted papers)

**Dillen, K.**, P.D. Mitchell, T. Van Looy & E. Tollens. "The Western Corn Rootworm, a new threat to European agriculture: Opportunities for biotechnology?" *Pest Management Science*, 66:956-966.

Demont, M., **Dillen, K.**, Daems, W., Sausse, C., Tollens, E. & Mathijs, E. 2010. "On the Proportionality of EU Spatial *ex ante* Coexistence Regulations: Reply." *Food Policy*, 35(2), 183-184.

**Dillen, K.**, P.D. Mitchell & E. Tollens. "On the On the Competitiveness of *Diabrotica virgifera virgifera* Damage Abatement Strategies in Hungary: a Bio-economic Approach", *Journal of Applied*

*Entomology*,134(5):395-408.

**Dillen, K.**, M. Demont & E. Tollens.2009. “Corporate Pricing Strategies with Heterogeneous Adopters: The Case of Herbicide Resistant Sugar Beet”, *AgBioForum*, 12(3&4): 334-345.

**Dillen, K.**, M. Demont & E. Tollens. 2009. “Potential Economic Impact of GM Sugar Beet in the Global Sugar Sector.” *International Sugar Journal*, 111 (1330): 638-643.

Demont, M., **K. Dillen**, W. Daems, C. Sausse, E. Tollens & E. Mathijs. 2009. “On the proportionality of EU spatial *ex ante* coexistence regulations”, *Food Policy*, 34: 508-518.

**Dillen,K.**, M. Demont & E. Tollens.2009. “Global Welfare Effects of GM Sugar Beet under Changing EU Sugar Policies”, *AgBioForum*,12(1):119-129.

Devos, Y., M. Demont, **K. Dillen**, D. Reheul, M. Kaiser & O. Sanvido. 2009. “Coexistence of GM and Non-GM Crops in the EU. A Review” *Agronomy for Sustainable Development*, 29:11-30.

**Dillen, K.**, M. Demont & E. Tollens. 2008. “European Sugar Policy Reform and Agricultural Innovation.” *Canadian Journal of Agricultural Economics*, 56:533-553.

Demont, M. & **K. Dillen**. 2008. “Herbicide Tolerant Sugar Beet: The Most Promising First-Generation GM Crop?” *International Sugar Journal*, 110(1318): 613-617.

Demont, M., M. Cerovska, W. Daems, **K. Dillen**, J. Fogarasi, E. Mathijs, F., Muška, J. Soukup and E. Tollens, 2008, "Ex ante impact assessment under imperfect information: Biotechnology in New Member States of the EU." *Journal of Agricultural Economics* 59(3):463-486.

Demont, M., W. Daems, **K. Dillen**, E. Mathijs, C. Sausse & E. Tollens, 2008, “Regulating Coexistence in Europe: Beware of the Domino-effect!” *Ecological Economics*, 64(4):683-689.

Demont, M., **K. Dillen**, E. Mathijs & E. Tollens. "GM crops in Europe: How much value and for whom?" *EnroChoices*. 6(3): 46-53 .

**Dillen,K.**, M. Demont, E. Tollens,2007, “Modelling heterogeneity to estimate the ex ante value of biotechnology innovations” *Comm.Appl.Biol.Sci* 72(1): 177-182.

### ➤ **Book Chapters**

Bezlepkina, I., R. Jongeneel, F. Brouwer, **K. Dillen**, A. Meister, J. Winsten, K. de Roest & M. Demont. 2010. “Dairy” *The Economics of Regulation: Compliance with Public and Private Standards in Agriculture*. Brouwer, F., G. Fox & R. Jongeneel, eds., Wallingford, UK: CABI Publishing, in press.

De Roest, K., J. Winsten & **K. Dillen**. 2010. “Assessing the Impact of Nutrient Management Policies and Growth Hormone Bans on International Trade in Beef: An EU/US Perspective” *The Economics of Regulation: Compliance with Public and Private Standards in Agriculture*. Brouwer, F., G. Fox & R. Jongeneel, eds., Wallingford, UK: CABI Publishing, in press.

De Roest, K., J. Winsten, P. Rajsic & **K. Dillen**. 2010. “The impact of standards on the competitiveness of the EU with respect to pigs and poultry” *The Economics of Regulation: Compliance with Public and Private Standards in Agriculture*. Brouwer, F., G. Fox & R. Jongeneel, eds., Wallingford, UK: CABI Publishing, in press.

Devos, Y., M. Demont, **K. Dillen**, D. Reheul, M. Kaiser & O. Sanvido. 2009. “Coexistence of Genetically Modified (GM) and Non-GM Crops in the EU. A Review.” *Sustainable Agriculture*, Vol. 1. Lichtfouse, E., Navarrete, M., Debaeke, P., Souchère, V., Alberola, C., eds., pp. 203-228. Les Ulis, France: EDP Sciences – Springer.

Demont, M., **K. Dillen** & E. Tollens. 2008. "Economics of Spatial Coexistence: Isolation Distances versus Pollen Barriers." *Theory in Ecology*. Breckling, B., H. Reuter & R. Verhoeven, p159-163, ed. Frankfurt: Peter Lang, Europäischer Verlag der Wissenschaften.

Demont, M., W. Daems, **K. Dillen**, E. Mathijs, C. Sausse, and E. Tollens. "Regulating spatial coexistence of GM and conventional oilseed rape in Central France." Third International Conference on Coexistence between Genetically Modified (GM) and non-GM Based Agricultural Supply Chains, Seville (Spain), 20-21 November 2007: Book of Abstracts. Stein, A.J., and E. Rodríguez-Cerezo, ed., pp. 153-156. Luxembourg: Office for Official Publications of the European Communities, 2007.

#### ➤ *Discussion papers*

**Dillen, K.**, T. Van Looy & E. Tollens, 2009, "Socio-Economic assessment of controlling the invasive species *Diabrotica virgifera virgifera* in Central Europe" Working paper, n° 102, Katholieke Universiteit Leuven.

Jongeneel, R.A., I. Bezlepina, F.M. Brouwer, L.H. Aramyan.; **K. Dillen** & M. Farmer, 2008, "CROSS-COMPLIANCE Facilitating the CAP reform: Compliance and competitiveness of European agriculture Specific Targeted Research or Innovation Project (STREP) Integrating and Strengthening the European Research Area : Deliverable 13 : Product-based assessments to link compliance to standards at farm level to competitiveness".

Copeland, J., W. Daems, M. Demont, **K. Dillen**, M. Gylling, E. Kasamba, E. Mathijs, K. Menrad, B. Oehen, M. Petzoldt, C. Sausse, M. Stolze & E. Tollens. "Costs of Measures to Ensure Coexistence and Economic Implications of Adventitious Admixtures in Different Systems." Sustainable Introduction of GM Crops into European Agriculture (SIGMEA) Project Deliverables D5.2 & D5.3, University of Applied Sciences of Weihenstephan, Straubing, Germany, 2007.

Demont, M., **K. Dillen** & E. Tollens, 2007, "Global welfare effects of genetically modified sugar beet under changing eu sugar trade policies", Centre for Agricultural and Food Economics, Katholieke Universiteit Leuven.

**Dillen, K.**, M. Demont & E. Tollens, 2007, "Modelling heterogeneity to estimate the ex ante value of biotechnology innovations", Centre for Agricultural and Food Economics, Katholieke Universiteit Leuven, 31 p.

Demont, M., M. Cerovska, W. Daems, **K. Dillen**, J. Fogarasi, E. Mathijs, F., Muška, J. Soukup and E. Tollens, 2007, "Genetically modified crops in the New Member States: How much value and for whom?", Center for Agricultural and Food Economics, Katholieke Universiteit Leuven.

**Dillen, K.**, L. Dries & E. Tollens, 2006, "The impact of the EU sugar reform on sugar and sugar substitutes industries", Centre for Agricultural and Food Economics, Katholieke Universiteit Leuven, 25 p

#### ➤ *Invited Conference Presentations*

Demont, M., **K. Dillen** and E. Tollens. "Are EU Ex Ante Coexistence Regulations Proportional?" EAAE Contributed Session: Economic Analysis of Coexistence Regulations of GM, Conventional and Organic Crops in the European Union – Simulation Modelling and Empirical Case Studies, 12th EAAE (European Association of Agricultural Economists) Congress, Ghent, 26-29 August 2008.

**Dillen, K.**, M. Demont, & E. Tollens. "Impact of GM crops in Hungary and the Czech Republic", BT-maize Symposium, La Hulpe, 17-20 March 2008.

**Dillen, K.**, M. Demont, M. Cerovska, W. Daems, J. Fogarasi, E. Mathijs, F. Muška, J. Soukup & E. Tollens. "Impact of GM crops in Hungary and the Czech Republic" Seminar agrobiotechnology research in the Czech Republic, Brussels, 22 November 2007.

➤ *Selected Conference Presentations*

Demont, M., **K. Dillen**, W. Daems, C. Sausse, E. Tollens & E. Mathijs “ On the proportionality of EU spatial ex ante coexistence regulations”, GMCC conference, 10-12 November 2009, Melbourne, Australia.

**Dillen,K.**, Van Looy,T., Tollens,E., “Socio-Economic Assessment Of The Invasive Species *Diabrotica Virgifera Virgifera* In Hungary”, XIII Edition of ICABR Conference on "The Emerging Bio-Economy, 10-18 June 2009, Ravello, Italy.

**Dillen,K.**, Van Looy,T., Tollens,E., “Socio-Economic Assessment Of The Invasive Species *Diabrotica Virgifera Virgifera* In Central Europe”, 23th IWGO conference, 5-8 April 2009, Munich, Germany.

De Roest,K., Jongeneel,R., **Dillen,K.** and Winsten, J, “Cross Compliance and competitiveness of the European beef and pig sector” 109th EAAE seminar ‘The CAP after the Fischler reform’, 20-21 November 2008, Viterbo, Italy.

Demont, M., W. Daems, **K. Dillen**, E. Mathijs, C. Sausse and E. Tollens. “Economics of Spatial Coexistence of Genetically Modified and Conventional Crops: Oilseed Rape in Central France.” 12th EAAE (European Association of Agricultural Economists) Congress, Ghent, 26-29 August 2008.

**Dillen, K.**, M. Demont and E. Tollens. “Modelling Heterogeneity to Estimate the Ex Ante Value of Biotechnology Innovations.” 12th EAAE (European Association of Agricultural Economists) Congress, Ghent, 26-29 August 2008.

**Dillen, K.**, M. Demont and E. Tollens. “The Global Welfare Effect of GM Sugar Beets under Changing Sugar Policies.” 12th EAAE (European Association of Agricultural Economists) Congress, Ghent, 26-29 August 2008.

Bezlepkina, I., R. Jongeneel, F. Brouwer, **K. Dillen**, A. Meister, J. Winsten, K. de Roest, M. Demont. “Costs of Compliance with EU Regulations and Competitiveness of the EU Dairy Sector.” 12th EAAE (European Association of Agricultural Economists) Congress, Ghent, 26-29 August 2008.

**Dillen, K.**, M. Demont and E. Tollens. “EAAE Contributed Session: The Future of the European Sugar Market.”, 12th EAAE (European Association of Agricultural Economists) Congress, Ghent, 26-29 August 2008.

Demont, M., W. Daems, **K. Dillen**, E. Mathijs, C. Sausse, and E. Tollens. "Economics of spatial coexistence of genetically modified and conventional crops."12th ICABR Conference on The Future of Agricultural Biotechnology: Creative Destruction, Adoption, or Irrelevance? Ravello, 12-14 June, 2008.

**Dillen,K.**, M. Demont & E. Tollens. “Welfare effects of introducing herbicide tolerant sugar beets worldwide”, 12th ICABR Conference on The Future of Agricultural Biotechnology: Creative Destruction, Adoption, or Irrelevance? Ravello, 12-14 June, 2008.

**Dillen,K.**, M. Demont & E. Tollens. “Bivariate parametric modeling of heterogeneity to estimate ex ante value of monopolistically priced technologies.”, 12th ICABR Conference on The Future of Agricultural Biotechnology: Creative Destruction, Adoption, or Irrelevance? Ravello, 12-14 June, 2008.

**Dillen, K.**, M. Demont & E. Tollens. “Economics of spatial coexistence: Isolation distances versus pollen barriers.”, International Conference on Implications of GM-Crop Cultivation at Large Spatial Scales, Bremen, 2-4 April 2008.

Demont, M., W. Daems, **K. Dillen**, E. Mathijs, C. Sausse, and E. Tollens. "Regulating spatial

coexistence of GM and conventional oilseed rape in Central France." Third International Conference on Coexistence between Genetically Modified (GM) and non-GM Based Agricultural Supply Chains, Seville (Spain), 20-21 November 2007

**Dillen, K.**, M. Demont, and E. Tollens. "Modelling heterogeneity to estimate the ex ante value of biotechnology innovations", 13 Phd Symposium, Leuven, 17 October 2007.

**Dillen, K.**, M. Demont, and E. Tollens. "European sugar policy reform and agricultural innovation." Global Conference on Agricultural Policy Changes: Canada, EU and the World Trade Organisation, University of Victoria, 13-15 September, 2007.

**Dillen, K.**, M. Demont, and E. Tollens. "Global welfare effects of transgenic sugar beet" 2007 AAEE, WAEA & CAES Joint Annual Meeting, Portland, 29 July-1 August 2007

**Dillen, K.**, M. Demont, and E. Tollens. "Global welfare effects of transgenic sugar beet under changing policies" 10th ABER- BVLE workshop for young agricultural economists, Leuven, 25 April 2007.

**Dillen, K.**, M. Demont, and E. Tollens. "Stochastic modelling of the global welfare effects of genetically modified sugar beet: EUWABSIM." The 2007 Palisade Users Conference, London, 23-24 April, 2007.