

## Personal Information

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Last Name Kempenaar  
First Name(s) Corné  
Title(s) dr. ir.  
Job title Senior Scientist Precision Agriculture, crop protection and Weed Control (0.75 fte)  
Associate Professor Precision Agriculture (0.25 fte)

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

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Agronomy  
Crop protection  
Precision Agriculture  
Chemical pest and disease control  
IPM

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## Education

### Higher education

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1981-1988 Wageningen University, BSc & MSc Plant Protection  
1985 Traineeship UC Davis, California, USA

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### Post-graduate education

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1991 - 1995 Wageningen University, PhD Biological weed control

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## Training

Participation in training / refresher courses

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2019 Media training Brain Box, Hilversum  
2012 R&D Manager course MIO Leeuwendaal  
2009 Finance for Non-financials course

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1997 - Several acquisition, communication and personal development courses  
2008  
1995 Marketing course NIMA-A

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## Professional positions held

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2012 - present Senior Scientist Precision Agriculture, Crop protection and weed control (0.75 fte)  
Dept. Agro System Research, Wageningen Plant Research, Wageningen University & Research, the Netherlands.  
Research and development (R&D) in precision agriculture in arable crops . My tasks include establishment of Public Private Partnerships R&D projects (PPP) PPP), project acquisition, scientific research, publication, knowledge dissemination. Ongoing PPP R&D projects: Data Intensive Smart AgriFood Chains ( Precision Agriculture 4.0, IOF2020 and Nationale Proeftuin Precisielandbouw (NPPL).

2012 - present Associate Professor Precision Agriculture (0.25 fte)  
Aeres University of Applied Sciences , Dronten, The Netherlands.  
- Teaching and supervision of BSc students, PPP with SME in the region including POP3 projects. The tasks include guidance of PPP projects in which students work together with MKB precision agriculture companies, plus implementation of precision farming in education programs.  
- My intention is to end the position at Aeres in 2019.

1997 - 2012 Scientist and Senior Scientist Crop protection and Weed Control.  
DLO Institute Plant Research International B.V., Wageningen UR,

1996 - 1997 Scientist crop growth modelling (0.8 fte)  
Department of Theoretical Production Ecology, Wageningen University,

1996 - 1997 Product manager natural crop protection product (0.2 fte)  
C United b.v., Dronten

1991 - 1995 PhD Biological weed control  
Wageningen University and CABO/AB DLO, Wageningen

1989 - 1991 Junior Scientist Crop plant pathology/ agronomy  
Applied Research Station, Arable and vegetable farming, Lelystad

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## Other information relevant for professional experience

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2015 present Advisor in Groenpact Agricultural Education Development Program  
Organisation of first, second third and fourth Sino-Europe Potato GAP workshop  
<http://www.wur.nl/en/Expertise-Services/Research-Institutes/plant-research/Agrosystems-Research-3/show/Wageningen-UR-organises-Sino-Europe-potato-workshop-in-July-in-Zhangjiakou.htm>

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|      |      | <a href="http://www.wur.nl/en/Expertise-Services/Research-Institutes/marine-research/show-2/Second-Sino-EU-Potato-workshop-planned-for-2016.htm">http://www.wur.nl/en/Expertise-Services/Research-Institutes/marine-research/show-2/Second-Sino-EU-Potato-workshop-planned-for-2016.htm</a> |
| 2014 |      | Key expert in EIP focus group Mainstreaming Precision Agriculture   |
| 2010 | 2017 | Treasurer of KNPV (Dutch Plant Protection Organisation, <a href="http://www.knpv.org">www.knpv.org</a> )  |
|      |      | Advisor topsector AgriFood on key technology R&D project selection  |
| 2009 | 2013 | National R&D coordinator Dutch Precision Farming Program PPLNL  |
| 2010 | 2017 | Subject editor board of Weed Research   |
| 2009 |      | KIZ innovation price 2009 for R&D SensiSpray (precision sprayer developed with companies)   |
| 2000 |      | Landbouwmechanisatie Innovation price 2000 for R&D MLHD method (sensor based weed control)  |
|      |      | Patent on Biological control agent <i>Ascochyta caulina</i> for control of <i>Chenopodium album</i>   |
|      |      | Knowledge transfer:, e.g. <a href="http://www.precisielandbouw.eu">www.precisielandbouw.eu</a> and <a href="http://www.proeftuinprecisielandbouw.nl">www.proeftuinprecisielandbouw.nl</a>   |

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## Participation in EU working groups and scientific networks

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|  |  | Member of EWRS workgroups 'Optimisation of herbicide dose' and 'Site-specific weed management' ( <a href="http://www.ewrs.org">www.ewrs.org</a> ) |
|  |  | Member of EAPR ( <a href="http://www.eapr.net">www.eapr.net</a> )   |
|  |  | Member Commissie Beoordeling Onmisbaarheid Chemische Bestrijdingsmiddelen in de Landbouw o.l.v. Huub Spiertz (1999)                               |

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## Publications in peer reviewed Journals

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|  |  | <a href="https://www.researchgate.net/profile/Corne_Kempenaar">https://www.researchgate.net/profile/Corne_Kempenaar</a> |
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