

## CURRICULUM VITAE

1. **Family name:** Kleinhenz
2. **First name:** Volker
3. **Nationality:** Germany

4. **Education:**

Institution	Degree(s) or Diploma(s) obtained:
Technical University Munich (09/1992 - 04/1997)	Dr. agr. (Agricultural Sciences)
Technical University Munich (11/1986 - 07/1992)	Dipl.-Ing. Agr. Univ. (Horticultural Sciences)

5. **Language skills: Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)**

Language	Reading	Speaking	Writing
German	Mother tongue		
English	1	1	1

6. **Membership of professional bodies:**

- Gerson Lehrman Group, London/UK
- GuidepointGlobal, London/UK

7. **Other skills:**

- IT-Skills: MS Office, Adobe Acrobat, SAS, MySQL, PHP

8. **Present position:** Agronomist

9. **Years of professional experience:** 1992 – 2016

10. **Key qualifications:**

- Agronomy (irrigation, fertilization, plant protection, protected cultivation, mechanization)
- Crop management (vegetables, rice, alfalfa, herbal crops, corn, fruits)
- Farm operations development and management
- Quality and compliance management in international wholesale (fresh produce)
- Farm and farmers' group development incl. pre- and post-farmgate certification (GlobalGAP, Organic, IFS, BRC, Sedex)
- Rural development, value-chain development
- Agricultural R&D

11. **Specific country experience:**

Country	Date from - Date to
Oman	08/2016
Singapore	03/2014 - 07/2016
Vietnam	04 - 05/2012, 03/2013 - 02/2014
Saudi Arabia	08/2012 - 02/2013
Maldives	03/2012
Cambodia	11/2010 - 07/2012
Egypt	06/2009 - 05/2010
Germany	06/1996 - 05/1997, 01/2007 - 05/2009
India	01/2005 - 12/2006
Thailand	Since 02/2017, 11/2001 - 10/2004
Australia	09/1997 - 11/2000
Taiwan	01/1992 - 04/1992

## 12. Professional experience

Date from – to date	Location	Company	Position	Description
Since 02/17	Thailand	Almendra (Thailand) Ltd.	Agriculture Director	<ul style="list-style-type: none"> <li>• Agricultural cultivation and production of Stevia (Stevia rebaudiana)</li> </ul>
06/16 – 08/16	India	Plus Group	Agriculture Consultant	<ul style="list-style-type: none"> <li>• Developing a business plan (US\$ 0.4 million CAPEX, US\$ 0.7 million OPEX) for establishing a greenfield 40-ha open-field fruit and vegetable farming project near Mumbwa, Zambia</li> <li>• Target crops: banana, tomato, snapbean, watermelon and babycorn</li> </ul>
10/15 – 12/15	Oman	Al-Batinah International	Agriculture Consultant	<ul style="list-style-type: none"> <li>• Developing a business plan (US\$ 2.4 million CAPEX, US\$ 0.8 million OPEX) for establishing a greenfield 8-ha greenhouse complex (16 greenhouses)</li> <li>• Proposing greenhouses with positive pressure cooling system, retractable roof and insect nets</li> <li>• Proposing closed recirculating drip-irrigation/fertigation system based on soilless cultivation of tomato, sweet pepper, sweet melon and cucumber in cocopeat grow bags, and of hydroponic cultivation of non-heading lettuce in floating-raft system</li> </ul>
09/14 – 09/15	Singapore	SunEdison Energy Holding (Singapore) Pte Ltd	Agronomist	<ul style="list-style-type: none"> <li>• Agronomist in SunEdison's solar-water-pump (irrigation) division</li> <li>• Identifying and developing agronomic, process and product information solutions to channel partners and customers for sustaining successful farming systems</li> <li>• Identifying, developing and maintaining strategic partnership and research alliances with agricultural industry, government and universities</li> </ul>
03/14 – 08/14	Singapore	John Deere Asia (Singapore) Pte Ltd	Agronomist	<ul style="list-style-type: none"> <li>• Mapping corn production systems and processes covering land preparation, planting, crop care and harvesting in Thailand, Indonesia and in the Philippines</li> </ul>
03/13 – 02/14	Vietnam	TH Herbals Joint Stock Company	Agriculture Manager	<ul style="list-style-type: none"> <li>• Developing and implementing cultivation operations for medicinal crops</li> <li>• Setting-up microdrip fertigation systems controlled by soil moisture</li> <li>• Selecting and acquiring specialized equipment incl. tractors and mist blowers from overseas</li> </ul>
08/12 – 02/13	Saudi Arabia	Yousef Abdul Latif Jameel Group	Technical Director Agriculture Division	<ul style="list-style-type: none"> <li>• Advising on advanced agricultural operations on six organic date palm farms (2,511 ha) in Quassim and Madinah</li> <li>• Advising on automated irrigation (iMetos ica), fertigation with organic fertilizers and sulfur burners, organic pest and disease control, implementation of mycorrhizal/PGPR inoculum technologies, and farm certification through GLOBALG.A.P. and EU regulation on organic production (EC No 834/2007, EC No 889/2008)</li> </ul>
04/12 – 05/12	Vietnam	Atheneum Partners	Agriculture Consultant	<ul style="list-style-type: none"> <li>• Advising on Agricultural Policy in Vietnam</li> <li>• Revising "Ha Tinh Province Socio-Economic Development Master Plan for 2020 and a Vision for 2050"</li> </ul>
03/12	Maldives	Gulf Craft	Agriculture Consultant	<ul style="list-style-type: none"> <li>• Advising on a "Hydroculture Project on the Maldives"</li> </ul>

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1/10 – 08/12	Cambodia	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	Senior Advisor	<ul style="list-style-type: none"> <li>• Establishing and promoting rural-development activities in a target area of 73,000 ha with a population of 88,000 in Kampong Chhnang province</li> <li>• Developing dry-season rice cultivation on 7,000 ha and improving vegetable production on 2,700 ha</li> <li>• Developing and facilitating a Memorandum of Agreement (MoA) between the Ministry of Agriculture, Forestry and Fisheries (MAFF), the Provincial Department of Agriculture (PDA) Kampong Chhnang, East-West Seeds International Ltd. and GIZ</li> </ul>
06/09 – 05/10	Egypt	Jenaan Investment L.L.C.	Manager Agriculture Division	<ul style="list-style-type: none"> <li>• Managing agriculture operations incl. irrigation and fertilization for large-scale (up to 5,685 ha) field crops including Alfalfa, barley and millet under pivot irrigation</li> <li>• Developing and implementing production plans and financial budgets</li> </ul>
01/07 – 05/09	Germany	Herbert van der Hamm Fruchthandelsgesellschaft m.b.H.	Director Quality Management	<ul style="list-style-type: none"> <li>• Quality assurance of imported and domestically produced, conventional and organic fresh fruits and vegetables focussing on table grapes year-round</li> <li>• Monitoring and assuring legal and B2B pre- and post farmgate standards incl. GLOBALGAP, QS, BRC, and IFS</li> <li>• Maintaining customer relationship with key retailer ALDI</li> </ul>
01/05 – 12/06	India	FieldFresh Foods Pvt. Ltd.	Chief Agronomist	<ul style="list-style-type: none"> <li>• Developing production plans and financial budgets for up to 2,688 ha of over 20 vegetables under open-field and protected cultivation for export to the UK and the Middle East</li> <li>• Implementing cropping plans by issuing crop and region-specific agronomic "packages of practices" for contract farms and company-owned R&amp;D farm in Punjab and Rajasthan</li> </ul>
11/01 – 10/04	Thailand	Asian Institute of Technology (AIT)	Project Consultant	<ul style="list-style-type: none"> <li>• Establishing a pilot greenhouse vegetable R&amp;D farm</li> <li>• Developing and managing crop-management operations for tomato</li> <li>• Supervising and training 20 local staff and overseas M.Sc. and Ph.D. students</li> </ul>
12/00 – 10/01	Taiwan	Asian Vegetable Research and Development Center (AVRDC)	Associate Scientist for Crop and Soil Management	<ul style="list-style-type: none"> <li>• Managing the "Crop and Soil Management" department with 18 staff</li> <li>• Managing the Manila, Hanoi, Ho-Chi-Minh City, Vientiane and Phnom Penh peri-urban vegetable production projects</li> <li>• Developing and improving crop management practices and year-round cropping sequences with emphasis on hot, wet season technologies in the tropics and subtropics</li> </ul>
09/97 – 11/00	Australia	Central Queensland University (CQU)	Research Officer	<ul style="list-style-type: none"> <li>• Developing agronomic and postharvest technologies for new primary industries (bamboo and Chinese waterchestnuts) in Australia</li> <li>• Developing and policy formulation for farmers' associations (Australian Commercial Bamboo Corporation Ltd, Bamboo Society of Australia, Australian Aquatic Vegetable Corporation)</li> <li>• Developing a 6-year (2001-2007) agricultural project in the Philippines and Australia funded (380,000 €) by the Australian Centre for International Agricultural Research (ACIAR)</li> <li>• Publishing a book chapter on "Aspects of Bamboo Agronomy" in Advances in Agronomy, the world's leading publication in agriculture</li> </ul>
06/96 – 05/97	Germany	Bavarian State Research Centre for Agriculture (LBP)	Programmer	<ul style="list-style-type: none"> <li>• Developing software for the State Seed Testing Unit and the State Seed Legalization Unit</li> <li>• Managing databases of approximately 12,000 seed-testing results per annum with the SAS-System</li> </ul>

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09/92 – 12/95	Taiwan	Asian Vegetable Research and Development Center (AVRDC)	Research Scholar	<ul style="list-style-type: none"><li>• Developing crop and soil management technologies for sustainable vegetable and rice production systems in the tropics and subtropics in Southeast Asia</li></ul>
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### 13. Other relevant information

- 49 publications in agricultural journals incl.:

- KLEINHENZ, V., CHEA, S., HUN, N., 2013: Survey of rice cropping systems in Kampong Chhnang province, Cambodia. *Rice Science*, **20(2)**, 154-164.
- KLEINHENZ, V., MIDMORE, D. J., 2001: Aspects of Bamboo Agronomy. In: D. L. Sparks (Ed.): *Advances in Agronomy*, Vol. 74, 99-153. Academic Press, New York, USA.
- KLEINHENZ, V., ELSMORE, S., HARROWER, K., LYALL, T., GOSBEE, M., BLACKBURN, K., MIDMORE, D. J., 2000: Storage methods for extending shelf life of fresh, edible bamboo shoots [*Bambusa oldhamii* (Munro)]. *Postharvest Biology and Technology*, **19**, 253-264.
- KLEINHENZ, V., SCHNITZLER, W. H., MIDMORE, D. J., 1997: Effects of legume live mulch on crop performance, soil available nitrogen, and crop-N status in intensive tropical vegetable production. *Biological Agriculture and Horticulture*, **14**, 261-278.
- KLEINHENZ, V., KATROSHAN, K., SCHÜTT, F., STÜTZEL, H., 2006: Biomass accumulation and partitioning of tomato under protected cultivation in the humid tropics. *European Journal of Horticultural Science*, **71**, 173-182.
- KLEINHENZ, V., MILNE, J., WALSH, K. B., MIDMORE, D.J., 2003: A case study on the effects of irrigation and fertilization on soil water and soil nutrient status, and on growth and yield of bamboo (*Phyllostachys pubescens*) shoots. *Journal of Bamboo and Rattan*, **2**, 281-294.
- LI, M., KLEINHENZ, V., LYALL, T., MIDMORE, D. J., 2000: Response of Chinese waterchestnut (*Eleocharis dulcis* (Burm. F.) Hensch) to photoperiod. *Journal of Horticultural Sciences & Biotechnology*, **75**, 72-78.