

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"> • Agricultural cultivation and production of Stevia (Stevia rebaudiana)
06/16 – 08/16	India	Plus Group	Agriculture Consultant	<ul style="list-style-type: none"> • 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 • Target crops: banana, tomato, snapbean, watermelon and babycorn
10/15 – 12/15	Oman	Al-Batinah International	Agriculture Consultant	<ul style="list-style-type: none"> • Developing a business plan (US\$ 2.4 million CAPEX, US\$ 0.8 million OPEX) for establishing a greenfield 8-ha greenhouse complex (16 greenhouses) • Proposing greenhouses with positive pressure cooling system, retractable roof and insect nets • 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
09/14 – 09/15	Singapore	SunEdison Energy Holding (Singapore) Pte Ltd	Agronomist	<ul style="list-style-type: none"> • Agronomist in SunEdison's solar-water-pump (irrigation) division • Identifying and developing agronomic, process and product information solutions to channel partners and customers for sustaining successful farming systems • Identifying, developing and maintaining strategic partnership and research alliances with agricultural industry, government and universities
03/14 – 08/14	Singapore	John Deere Asia (Singapore) Pte Ltd	Agronomist	<ul style="list-style-type: none"> • Mapping corn production systems and processes covering land preparation, planting, crop care and harvesting in Thailand, Indonesia and in the Philippines
03/13 – 02/14	Vietnam	TH Herbals Joint Stock Company	Agriculture Manager	<ul style="list-style-type: none"> • Developing and implementing cultivation operations for medicinal crops • Setting-up microdrip fertigation systems controlled by soil moisture • Selecting and acquiring specialized equipment incl. tractors and mist blowers from overseas
08/12 – 02/13	Saudi Arabia	Yousef Abdul Latif Jameel Group	Technical Director Agriculture Division	<ul style="list-style-type: none"> • Advising on advanced agricultural operations on six organic date palm farms (2,511 ha) in Quassim and Madinah • Advising on automatized 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)
04/12 – 05/12	Vietnam	Atheneum Partners	Agriculture Consultant	<ul style="list-style-type: none"> • Advising on Agricultural Policy in Vietnam • Revising “Ha Tinh Province Socio-Economic Development Master Plan for 2020 and a Vision for 2050”
03/12	Maldives	Gulf Craft	Agriculture Consultant	<ul style="list-style-type: none"> • Advising on a “Hydroculture Project on the Maldives”

Curriculum vitae

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

Curriculum vitae

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

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.