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**PROFILE HIGHLIGHTS**

- Knowledge and experience in crop management, plant protection & phytosanitary, food safety, compliance to standards, research, extension & capacity building, and project management.
- Excellent managerial, organizational, and communication (writing/presentation) skills.
- Honest, team-player, reliable, goal-oriented, self-disciplined, with positive attitude.

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**BIODATA AND CONTACT INFORMATION**

**Surname:** CHEMELTORIT **Given Names:** Philip Pkemei **Date of Birth:** October, 29 1984  
**E-mail:** [chemeltorit@gmail.com](mailto:chemeltorit@gmail.com) **Mobile Phone:** +254721250247 **Civil status:** Married  
**Driver License:** VEX001000 (Expiry 2023) **Computer use:** Excellent literacy and skills  
**Work Address:** KEPHIS Nakuru Regional Office, P.O Box 1679 - 20100, Nakuru (Email: [pchemeltorit@kephis.org](mailto:pchemeltorit@kephis.org))  
**Home Address:** Sakas Road, P.O Box 382, Kapenguria – 30600  
**Languages:** English, Swahili, Indonesian, Japanese (JLPT N5), Pokot (ethnic)  
**Hobbies:** Culture, sports, traveling and touring, movies and music

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**ACADEMIC ACHIEVEMENTS**

**Research Exchange** (August 2014 - February 2015): PARE Graduate Program for Fostering Frontiers. Hokkaido University, Sapporo Campus, Japan.

**Research Topic:** The Effect of Organic Amendments on the Density of Soil Microbial and the Potential of Soil Suppressiveness Induction

**Graduate School** (2013-2015): **M Sc. Phytopathology**; Bogor Agricultural University (IPB), Dramaga Campus, Bogor, Indonesia.

**Thesis Title:** The Use of *Trichoderma hamatum* and Fluorescent Pseudomonad BJ10-86 in Controlling *Phytophthora Capsici* on Chili (*Capsicum annum*)

**Undergraduate** (2004-2008): **B Sc. Horticulture**; Jomo Kenyatta University of Agriculture and Technology (JKUAT), Juja Campus, Kenya.

**Research Title:** The use of NERICA-Legume Intercrop for Improved Productivity of NERICA Rice Production in Kenya

**High School** (1997-2001): Kenya Certificate of Secondary Education (KCSE), Mean Grade **B+**. Ortum Secondary School, West Pokot County, Kenya.

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**WORK AND PRACTICAL EXPERIENCE**

Since July 2019 **Chief Inspector** – *Phytosanitary and Plant Health Laboratory*, Kenya Plant Health Inspectorate Service (KEPHIS) – Nakuru Regional Office

- Attached to the plant health laboratory as head and lead advisor on plant pathology diagnosis.
  - Coordination and facilitation of: farmer advisory services through stakeholder awareness meetings; identification of pests and diseases; field inspections and audits for market compliance; inspection of agricultural produce for compliance to import and export requirements; inspection of containment facilities; pest and disease surveillance for phytosanitary compliance.
  - Initiating development and implementation of strategies, plans, systems and procedures relating to; export certification, import regulation and border control, seed certification and plant-variety protection guidelines.
  - Participate in identification of training need and formulating training modules and schedules for Export certification, import regulation and border control, seed certification and plant variety protection.
  - Development and review of scientific publication and reports
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**Summary of previous Working History;**

Aug 2016 – Jun 2019: **Scheme Manager & In-house Trainer**, React Cert Africa Ltd – Nairobi  
July 2012 – July 2016: **Technical Manager (Crop Protection)**, Farmtrack Consulting Ltd – Nairobi  
July 2010 – Dec 2012: **Assistant Manager (Fruit Agronomist)**, FPEAK- Horticulture PTC – Thika  
Sep 2009 – Jun 2010: **Underwriting Assistant**, BTB Insurance Brokers Ltd – Nairobi  
Sep 2008 – Aug 2009: **Assistant Farm Manager**, Dekka Plantations Ltd, Muranga County.  
May – Aug 2007: **Student Intern**, Osho Chemical Industries Ltd - West Pokot County.  
May – July 2006: **Industrial Attachee**, Ravine Roses Ltd – Baringo County

**Accumulated Skills and Experience;**

- a) Crop production standards; accreditations, audits, standards implementation, and certification.
- b) Agribusiness development and value chain analysis of agricultural commodities
- c) Agricultural training and farmer extension, development and management of farmer organizations
- d) Scientific research; pure, applied and action research
- e) Registration and renewal of pest control products with the relevant agency (PCPB)
- f) Production and management of tropical fruits, nut crops, vegetables, and cut flowers
- g) Promotion and marketing of pest/disease control products
- h) Agricultural risks management and general insurance underwriting.

**PROFESSIONAL TRAININGS**

**CABI Academy:** Crop Pest Diagnosis v2.0, Powered by Plantwise. May – July 2020. Online Course.

**The International Union for the Protection of New Varieties of Plants (UPOV):** Introduction to the UPOV System of Plant Variety Protection under the UPOV Convention. October 14 – November 17, 2019. Online Course.

**Wageningen Centre for Development Innovation (WCIDI) & Agricultural Research Council of South Africa:** Local economic development: Catalysing vibrant rural economies. 20 October – 01 November 2019. Woodmead, South Africa.

**International Maize and Wheat Improvement Center (CIMMYT):** Standardization of stem rust field notes and germplasm evaluation, with discussions on stripe and leaf Rust. October 6-12, 2019. Nakuru, Kenya.

**ITC SME Trade Academy:** (i) Introduction to Business Plans, Sep 2018; (ii) Considering Export Markets, Oct 2018; (iii) Introduction to Standards and Sustainability, March 2019. Online Courses.

**FoodPLUS GmbH (GlobalG.A.P.):** GlobalG.A.P. Scheme Manager Update Meeting, In-house Trainer Training, and QMS Auditor Training. July 2017, Sep 2018. Cologne, Germany.

**COLEACP eLearning:** (i) Crop Protection, (ii) Sustainable farming and integrated crop management, and (iii) Regulations and private standards (All Intermediate level). March 2018. Online Courses.

**University of Sydney:** Increasing the Development Impact of Agricultural Research (IDIAR) – Australia Awards. October – November 2016. Nairobi, Kenya.

**Wageningen University and Research Centre (WUR), Centre for Development Innovation (CDI):** Organized Farmers as Partners in Agribusiness – Optimizing the Performance of Producer Organizations (OPPO) – NFP Funded. September – October 2015. Wageningen, Netherlands.

**QualityPlus International Ltd:** GlobalG.A.P. Implementation & Internal Audit Training. September 3 – 7, 2012. FPEAK-HPTC Complex, Thika, Kenya.

**EU Directorate-General for Health and Consumers (DG SANCO), Sustained Training Mission in Kenya.** EU Requirements for fruits & vegetables, Regulations on import controls. May 2012. FPEAK-HPTC Complex, Thika, Kenya

**QualityPlus International Ltd:** Internal Audit Training (Based on ISO 9001:2008). September 5 – 9, 2011. FPEAK - HPTC Complex, Thika, Kenya  
**Course contents:** Principles of auditing, types of audits, audit planning, conducting audits, audit reporting and follow-up.

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## RESEARCH (PUBLICATIONS)

- Chemeltorit, P., Saavedra, Y., & Gema, J. 2018. Food traceability in the domestic horticulture sector in Kenya: An overview. Available at: <http://www.3r-kenya.org/>
- Gema, J., Keige, J., Chemeltorit, P., Ngetich, T., Gonzalez, Y. S., & Koomen, I. 2018. Catalysing food safety in the domestic horticulture sector in Kenya. Available at: <http://www.3r-kenya.org/>
- Chemeltorit P.P., Mutaqin K.H., and Widodo. W. 2017. Combining *Trichoderma hamatum* THSW13 and *Pseudomonas aeruginosa* BJ10-86: a Synergistic Chili Pepper Seed Treatment for *Phytophthora capsici* Infested Soil. *European Journal of Plant Pathology*, 147(1), 157-166. DOI 10.1007/s10658-016-0988-5. The final publication is available at link.springer.com
- Widodo W., Mutaqin K.H., and Chemeltorit P.P. 2014. *Pseudomonas aeruginosa* strain BJ10-86 16S ribosomal RNA gene, partial sequence. *GeneBank* accession number KM102771. Link: <http://www.ncbi.nlm.nih.gov/nuccore/KM102771>
- Chemeltorit P.P. 2013. An overview of fungal plant diseases in Kenya [extended abstract]. *International Symposium on Tropical Fungi*. September 10-11, 2013. Bogor (ID). Pp 40-41

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## TRAININGS/WORKSHOPS/SEMINARS/SYMPOSIA

- 2017 Sep: Fruit and Vegetables Conference and Exhibition 2017: Enhancing Food Safety and Competitiveness for Kenya's Fruits, Vegetables and Herbs (FPEAK/KEFE). Nairobi, Kenya.
- 2016 Jun: Eco-Enterprise Development Workshop (Switch Africa Green - SEED). Nairobi, Kenya
- 2014 Aug: International Young Food and Nutrition Leadership (iYouLead) Training and Workshop - *Strengthening youth capacity for future global leadership on nutrition, food, and health* (Food and Nutrition Society of Indonesia). Bogor, Indonesia
- 2013 Sep: International Symposium on Tropical Fungi (Mikoina/ISTF). Bogor, Indonesia

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## REFEREES AND RECOMMENDERS

### Academic;

1. **John Wesonga, PhD.** Director (DiPCA), and senior lecturer, Department of Horticulture, Jomo Kenyatta University of Agriculture and Technology (JKUAT). [Contacts are available on request]
2. **Widodo W., PhD.** Senior Lecturer, Department of Plant Protection, Bogor Agricultural University (IPB), Bogor 16680, Indonesia. [Contacts are available on request]

### Professional;

1. **Joyce Gema.** Founder/MD at Tradecare Africa Ltd and Founding Board Member at React Cert Africa Ltd. [Contacts are available on request]
2. **Samuel K. Muchemi,** Researcher at ICIPE and Technical Director at Farmtrack Consulting Ltd, P.O Box 16372, Nairobi 00100. [Contacts are available on request]
3. **Antony J. Nyaga,** Researcher at KALRO (Kandara) and Project Manager at FPEAK-HPTC, P.O Box 40312, Nairobi 00100. [Contacts are available on request]