



Nominee details and summary of expertise:

AUTHORS FOR DIAGNOSTIC PROTOCOLS

This template must be completed for all nominees and returned to the Secretariat together with the candidate's curriculum vitae.

PERSONAL DETAILS	
Name	HOANG KIM THOA
Country / organisation	Vietnam
Current position	Director, Plant Quarantine Diagnostic Centre (PQDC) of Viet Nam's Plant Protection Department (NPPO of Viet Nam), Ministry of Agriculture and rural Development (MARD)
Contact details	Address: 7A, Le Van Hien street, Duc Thang ward, Bac Tu Liem district, Hanoi capital of Vietnam Telephone number: (84)2438573424/24 3851 3746 Fax: (84)24 3851 3746 Email address: thoahk.bvtv@mard.gov.vn or kimthoappd@gmail.com
SPECIFIC EXPERTISE REQUIRED (COMPLETE ALL ROWS)	
Diagnostic protocol for which the expert is being nominated (multiple options are possible):	<input type="checkbox"/> <i>Amaranthus palmeri</i> (2019-006) <input type="checkbox"/> <i>Solanum rostratum</i> (2019-007) <input type="checkbox"/> <i>Moniliophthora roreri</i> (2019-005) <input type="checkbox"/> <i>Meloidogyne mali</i> (2018-019) <input type="checkbox"/> <i>Cronartium comandrae</i> (2018-015) <input type="checkbox"/> <i>Microcyclus ulei</i> (2019-003) <input checked="" type="checkbox"/> Revision of DP 03: <i>Trogoderma granarium</i> Everts (2021-001) <input checked="" type="checkbox"/> Revision of DP 05: (<i>Phyllosticta citricarpa</i> (McAlpine)) Aa (2019-011) <input checked="" type="checkbox"/> Revision of DP 09: <i>Genus Anastrepha</i> (2021-002) <input type="checkbox"/> Revision of DP 25: <i>Xylella fastidiosa</i> (2021-003) <input checked="" type="checkbox"/> Revision of DP 27: <i>Ips</i> spp. (2021-004)
Specific expertise in taxonomy and/or molecular diagnostics of the relevant pest	- Expert in Taxonomy of insect and mite pests by morphology
Practical expertise related to the pest (detection, identification, isolation etc.)	- Identification of invasive alien species, quarantine pests (including insect and mite) on plants, plant products for export, import or production site; - Undertaking the pest risk analysis (PRA) for import of phytosaitary regulated articles; - Collecting information on plant quarantine pest of Vietnam and other related to plant quarantine to supply to plant protection department for responding the the import countries or international organisations; - Participation on drafting, revising plant quarantine pests lists of Vietnam; - Research on morphology, biology, ecology and treatment of quarantine pests (including insect and mite) of Vietnam; - Survey, monitoring the list of pests (including insect and mite) on plant, plant products for export, eradicating experiment of quarantine pest requested by the import countries;



	<ul style="list-style-type: none"> - Research on morphology, biology, ecology and treatment of quarantine pests of Vietnam. - Selecting quarantine pests on imported consignments: zelay, groundnut from India; wheat from Russia, USA, Canada, - Remote Microscopy for identify training 16 course for detection method, diagnosis methods of insect and mite pests on fruit, seeds and goods
Expertise with quarantine diagnostics, including using diagnostic protocols for regulated pests	<ul style="list-style-type: none"> - Published several National standard/procedures 13 of key for Identify larvae stage on Khapra beetle; Larger cabinet beetle; Warehouse beetle; mango seed weevil; groundnut bruchid. Will be approved key for identify larvae stage for codling moth, larvae <i>Bactrocera</i> genus - National standard approved (see Publications item)
Expertise with drafting diagnostic protocols (e.g. regional diagnostic protocols)	<ul style="list-style-type: none"> - Drafting National Standards of Viet Nam or specific standards and procedures on plant quarantine; 13 Vietnam's National standards published (see Publications item) - Directly drafted and submitted 02 circulars on plant quarantine (02 circulars issued in 2014 and 05 National Plant Quarantine standard issued in 2013) and 13 Vietnam standards. 05 Vietnam standards will be approved - Training for identification (insect and mites) for quarantine officer staff (sub-quarantine department); - Writing key for identification insect use to farmer; - Carry out the construction of the laboratory according to ISO 17025 for diagnostic lab. - Comment ISPM's related to regulated pest for example: ISPM 27 (DP 9: Genus <i>Anastrepha</i> Schiner; DP_BactroceraDorsalisComplex_ForCons_2017-06-28.docx (2006-026_Draft_DP_BactroceraDorsalisComplex_ForCons_2017-06-28.docx).
Expertise with development of novel diagnostic methods	16 years for diagnostics drafting 13 key for identify insect
Elements demonstrating a strong working knowledge of English	Good (English) Remote Microscopy

PROFESSIONAL BACKGROUND - SUMMARY OF WORK EXPERIENCE

(Add more rows as necessary. Do not include full details here, details can be included in the CV)

	Year started	Year finished	Job title	Organisation	Key duties (list only the duties most relevant to the nomination)
1	2003	2005	Plant Quarantine officer	Sub – Department Plant quarantine No8, Laocai province	1. Collecting information and identification pests from China
2	2006	2018	Plant Quarantine officer	Plant Quarantine Diagnostic Centre (PQDC)	1. Taxonomy of entomology 2. Research on morphology, biology, ecology and treatment 3. Drafting national or ministerial standards and procedures on plant quarantine and training.



3	2019	2020	Plant Quarantine officer	Vice, Director. Post Entry Plant Quarantine Centre No1	1. Research on morphology, biology, ecology and treatment 2. Drafting national or ministerial standards and procedures on plant quarantine and training.
4	2020	2021	Plant Quarantine officer	Director , Plant Quarantine Diagnostic Centre (PQDC)	1. Taxonomy of entomology 2. Research on morphology, biology, ecology and treatment 3. Drafting national or ministerial standards and procedures on plant quarantine and training.

RELEVANT EDUCATION AND TRAINING

Education/ Academic qualifications/ Professional training (list only those relevant to the nomination)	<ul style="list-style-type: none"> - Bachelor of Science in Agriculture, Hanoi University of Agriculture No.1; - Master of Science in Agriculture, Hanoi University of Agriculture No.1; - Doctor of Philosophy in Agriculture, Vietnam National University of Agriculture - 2007. Participated in SPS workshop, arthropod collecting in Malaysia. Kuala Lumpur and Kota Kinabalu, Malaysia. - 2008. Participated Diagnosis of plant pests specimens – The main groups of insect pest. Kuala Lumpur, Malaysia - 2010. Participated Grain Storage and Biosecurity Training Program in Australia, Perth, Australia - 2013. The Ohio State University Acarology Summer Program: Introductory Acarology & Agricultural Acarology Workshops. Ohio, American - 2015. ASEAN Diagnosticians Forum - Summary of Outcomes. Kuala Lumpur Malaysia - 2015. Diagnostics of Immature stages of pests Lepidoptera. Indonesia - 2016. The Specialist training on the Diagnostics of Phytophagous and Stored product mites (Acari). New Zealand - 2016. The training on Scale insects and White flies diagnostics. The Netherlands - 2017. Training workshop on weevils of quarantine importance crop Protection Cluster, UPLB. Los Banos, Philippines - 2018. Training workshop on weevils of quarantine importance crop Protection. Japan.
Other language skills	

PUBLICATIONS

List publications and keynote speaking engagements (list only those relevant to the nomination and do not include copies of publications)	<p>National Plant Quarantine standard QCVN 01-141: 2013/BNNPTNT National technical regulation on phytosanitary sampling methods</p> <p>+ National Plant Quarantine standard QCVN 01 - 162 : 2014/BNNPTNT National technical regulation on Procedure for identification of South African citrus thrips (<i>Scirtothrips aurantii</i> Faure) - Plant quarantine pest of Vietnam</p> <p>+ National Plant Quarantine standard QCVN 01 - 135 : 2013/BNNPTNT. National technical regulation on Procedure for identification of Colorado potato beetle (<i>Leptinotarsa decemlineata</i> (Say).</p> <p>+ National Plant Quarantine standard QCVN 01 - 136 : 2013/BNNPTNT. National technical regulation on Procedure for identification of larger grain borer (<i>Prostephanus truncates</i> (Horn).</p>
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	<p>+ National Plant Quarantine standard QCVN 01 - 176 : 2014/BNNPTNT. National technical regulation on Procedure for identification of groundnut bruchid (<i>Pachymerus pallidus</i> Olivier) - Plant quarantine pest of Vietnam.</p> <p>+ National Plant Quarantine standard QCVN 01 - 110 : 2012/BNNPTNT. National technical regulation on Procedure for identification of fruit fly species belong to <i>Ceratitis</i> genus – Plant quarantine pests of Vietnam</p> <p>+ VietNam standard TCVN 12709 -1: 2019. Procedure for identification of insect and mite pests - Part 1: General requirements.</p> <p>+ VietNam standard TCVN 12709 -2-1: 2019. Procedure for identification of insect and mite pests. Part 2 - 1. Particular requirements for broad-nosed grain weevil (<i>Caulophilus oryzae</i> (Gyllenhal)).</p> <p>+ VietNam standard TCVN 12709-2-2: 2019. Procedure for identification of insect and mite pests. Part 2- 2. Particular requirements for grain weevil (<i>Sitophilus granarius</i> Linnaeus)</p> <p>+ VietNam standard TCVN 12709-2-3: 2019. Procedure for identification of insect and mite pests. Part 2 - 3. Particular requirements for Khapra beetle (<i>Trogoderma granarium</i> Everts), Larger cabinet beetle (<i>Trogoderma inclusum</i> Leconte) and Warehouse beetle (<i>Trogoderma variable</i> Ballion)</p> <p>+ VietNam standard TCVN 12709-2-4: 2019. Procedure for identification of insect and mite pests Part 2-4: Particular requirements for San Jose' scale <i>Diaspidiotus perniciosus</i> (Comstock) Danzig.</p> <p>+ VietNam standard TCVN 12709-2-5: 2019. Procedure for identification of insect and mite pests Part 2-4: Particular requirements for fruit fly genus <i>Anastrepha</i>.</p> <p>+ VietNam standard TCVN 12709-2-6: 2019. Procedure for identification of insect and mite pests Part 2-4: Particular requirements for fruit fly genus <i>Bactrocera</i>.</p> <p>+ VietNam standard TCVN 12709-2-7: 2020. Procedure for identification of insect and mite pests Part 2-4: Particular requirements for mango seed weevil <i>Sternuchus mangiferae</i> (Fabricius)</p> <p>+ VietNam standard TCVN 12709-2-8: 2020. Procedure for identification of insect and mite pests Part 2-4: Particular requirements for spotted wing drosophila <i>Drosophila suzukii</i> (Matsumura)</p> <p>+ VietNam standard TCVN 12709-2-9: 2020. Procedure for identification of insect and mite pests Part 2-4: Particular requirements for Californian bean thrips <i>Caliothrips fasciatus</i> (Pergande)</p> <p>+ VietNam standard TCVN 12709-2-10: 2020. Procedure for identification of insect and mite pests Part 2-4: Particular requirements for groundnut bruchid <i>Caryedon serratus</i> Olivier.</p>
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