



## CURRICULUM VITAE

### I. PERSONAL INFORMATION

Fullname: LÊ THANH TOÀN

Gender: Male

Date of birth: July 02<sup>nd</sup> 1983

Place of birth: Can Tho city, Vietnam

Hometown: Can Tho city, Vietnam

Ethnic group: Viet

Religion: Nil

Home address: 201 Nguyen Thi Minh Khai Street, Ninh Kieu District, Can Tho city, VN

Position: Head of The biological control lab; Member of the Executive Committee of Labor Union of the College

Institution: Can Tho University, Vietnam

Title of civil service: Lecturer

Highest educational degree: PhD

Mobile phone number: 0939 871 679

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### II. EDUCATIONAL BACKGROUND

#### 1. Bachelor of Agronomy

Institution: Can Tho University, Vietnam

GPA: 8.88 / 10.0

Duration: Sep 2001 – Feb 2006

Date obtained: Aug 15<sup>th</sup> 2006

#### 2. Bachelor of English Language and Literature Studies

Institution: Can Tho University, Vietnam

GPA: 3.63 / 4.00

Duration: Feb 2008 – May 2010

Date obtained: Oct 20<sup>th</sup> 2010

#### 3. Master of Science in Plant Protection

Institution: Can Tho University, Vietnam

GPA: 8.50 / 10.0

Duration: Sep 2006 – Nov 2009

Date obtained: Jan 21<sup>st</sup> 2010

#### 4. Doctor of Philosophy in Crop Science (Plant Protection)

Institution: Suranaree University of Technology, Thailand

GPA: 3.96 / 4.00

Duration: Jun 2013 – Aug 2016

Date obtained: July 4<sup>th</sup> 2016

#### 5. English proficiency

Bachelor of English Language and Literature Studies

### III. PROFESSIONAL PROFILE

#### 1. Employment

Duration	Institution	Job title
Oct 2006 – Mar 2011	Department of Plant Protection, College of Agriculture, Can Tho University, Viet Nam	Researcher
Apr 2011 - present	Department of Plant Protection, College of Agriculture, Can Tho University, Viet Nam	Lecturer
2011-2013	Department of Plant Protection, College of Agriculture, Can Tho University, Viet Nam	Vice head, HoChiMinh Communist Youth Union of the Department
Oct 2015 - Dec 2015	Research on transgenic genes of disease resistance and rice cell culture at Fukui Prefectural University, Japan	Researcher
2017 - present	Department of Plant Protection, College of Agriculture, Can Tho University, Viet Nam	Deputy head of Labor Union of the Department
2017 - present	College of Agriculture, Can Tho University, Viet Nam	Member of the Executive Committee of Labor Union of the College
2018 - present	Department of Plant Protection, College of Agriculture, Can Tho University, Viet Nam	Head of The biological control lab

#### 2. Participating Workshop and Forum

Attended 65 national and international workshops and forums.

#### 3. Thesis supervision

Lê Thị Huyền Linh. Effect of Silic on diseases resistance and grain quality of glutinous rice cv. CK92 at Phu Tan district – An Giang province. Master of Science in Plant Protection, An Giang University. 2020 (Advisors: Assoc. Prof. Dr. Ho Thanh Binh, Dr. Le Thanh Toàn).

#### 4. Research projects

No	Project title	Year completed	Granted by	Responsibility
1	Research on controlling pests in some important ornamentals at Tan Quy Dong – Sa Dec (Dong Thap province)	2011	Dong Thap province	Member

2	Survey on mosaic diseases and inhibitory efficacy of some chemicals to Cucumber mosaic disease on hot chilli, egg plant and cucumber	2012	Can Tho University	Leader
3	Diagnosis of pathogen and efficacy of some chemicals on controlling soft rot disease in jackfruit cv. Changrai at in vitro and net house conditions	2019	Can Tho University	Leader
4	Effectiveness on decreasing damage of several important diseases in chili and onion by using beneficial fungi <i>Penicillium</i> CTND-2405 at net house conditions	2022	Can Tho University	Leader
5	The study of differentiation and 3D structure prediction of jackfruit seed protein using Synchrotron FT-IR microspectroscopy and homology modeling (bioinformatics Interaction studies)	2022	International	Participate
6	Preparation and characterization of cellulose Nano fiber from Cassava root bagasse using Synchrotron FT-IR micro spectroscopy and bioinformatics interaction studies	2022	International	Participate

## 5. Books and other publications

Order	Books and other publications	Publisher	Year	Author	Co-author
1	Plant diseases in Viet Nam	Vietnam National University of Agriculture	2018		x
2	Text book - Academic English in Plant Protection	Can Tho University Publisher	2020	x	

## 6. Publications

Published 75 papers on national and international journals. Several representative papers:

1. **Le Thanh Toan**, Huynh Minh Chau and Tran Thi Thu Thuy. 2006. The ability of some chemicals in systemic acquired resistance against cucumber anthracnose. The selection of science research in College of Agriculture and Applied Biology, volume 2 (Plant Protection – Crop Science - Department of Agriculture Genetics and Breeding): 47-54.
2. Tran Thi Thu Thuy, Huynh Minh Chau, Ngo Thanh Tri, **Le Thanh Toan**, Phan Thi Hong Thuy, Le Thi Ngoc Xuan and Pham Hoang Oanh. 2010. Induced resistance against

- anthracnose diseases on vegetable by treating some chemicals. Journal of Science of Cantho University, ISSN 1859-2333, volume 16b: 138-146.
3. **Le Thanh Toan** and Pham Van Kim. 2010. Selecting the best effective method in using oxalic acid (0.5 mM) to improve the health of rice- grassy- stunt- disease- infected- rice- plants. The 9<sup>th</sup> National Conference of Vietnamese Phytopathological Society. Agriculture Press: 139-145.
  4. **Le Thanh Toan**, Do Thai Ha, Ngo Thi Ngoc Yen and Tran Thi Thu Thuy, 2010. Effect of lime water and some chemicals to bacterial leaf spot disease caused by *Xanthomonas* sp. on red rose. Science Conference 2010 “Developing Stable Agriculture adapt to Climate Changes”. Agriculture Press: 520-527.
  5. Pham Ngoc Thu, Tran Thi Thanh Van, **Le Thanh Toan** and Tran Thi Thu Thuy. 2011. Pathogenicity of *Colletotrichum* spp. On yellow apricot tree [*Ochna integrima* (Lour.) Merr.] and effect of antagonistic bacteria and fungicides on anthracnose fungus. The 10<sup>th</sup> National Conference of Vietnamese Phytopathological Society. Agriculture Press: 146-152.
  6. **Le Thanh Toan**, Tran Thi Thu Thuy and Lam Phuoc Thanh. 2011. The effect of systemic acquired resistance in reducing maize downy mildew caused by *Peronoslerospora maydis* under field condition. Journal of science, Hue University, vol 67 (4A): 69-76. (Journal in English) (1859-1388).
  7. **Le Thanh Toan** and Pham Van Kim. 2011. Selection of chemicals in systemic acquired resistance to rice grassy stunt virus. Journal of science, Hue University, vol 67 (4A): 77-83. (Journal in English) (1859-1388).
  8. Tran Thi Thu Thuy, Le Thi Huyen Linh and **Le Thanh Toan**. 2012. Identification of agent and method of inoculation for rice foot rot disease collected at two sites of the Mekong Delta. The 11<sup>st</sup> National Conference of Vietnamese Phytopathological Society. Agriculture Press: 108-113.
  9. Tran Thi Thu Thuy, Nguyen Thanh Nam, Vo Thi Yen Nhi, Nguyen Thi Nhuong, Nguyen Pham Thanh Nguyen, Lam Chi Tam, Le Thi Mai Trinh, Nguyen Thi Ngoc Ven and **Le Thanh Toan**. 2012. Seed-borne mycoflora of rice grains at seven provinces of Mekong Delta. The 11<sup>st</sup> National Conference of Vietnamese Phytopathological Society. Agriculture Press: 221-227.
  10. Đinh Cong Huynh, Huynh Ky, **Le Thanh Toan**, Tran Thi Thu Thuy and Pham Van Kim. 2012. The study of gene expression in systemic acquired resistance of rice blast disease (*Pyricularia grisea* (Cooke) Sacc.) by trigger of copper chloride and acibenzolar-S-methyl. The 11<sup>st</sup> National Conference of Vietnamese Phytopathological Society. Agriculture Press: 233-239.
  11. **Le Thanh Toan**, Duong Du My Ha, Nguyen Thi Thanh Tuyen, Huynh Thi Kim Xung, Le Thi Ngoc Xuan and Tran Thi Thu Thuy. 2012. Survey on cultivated conditions and mosaic disease situation of egg plant, cucumber and chilli at Mekong Delta. The 11<sup>st</sup> National Conference of Vietnamese Phytopathological Society. Agriculture Press: 325-332.

12. **Le Thanh Toan**, Luong Van Dien, Ngo Thi Thuy Nhien and Pham Van Kim. Induced systemic resistance against rice grassy stunt virus – a promising field for ecological rice production. 48-53. 2012. J. Viet. Env., vol. 2, No. 1. (ISSN: 2193-6471). <https://oa.slub-dresden.de/ejournals/jve/article/view/7>
13. **Le Thanh Toan**. 2012. Survey on mosaic diseases and inhibitory efficacy of some chemicals to Cucumber mosaic disease on hot chilli, egg plant and cucumber. Research project of Cantho university, code number: T2013-26.
14. Tran Thi Thu Thuy, Quach Ha Ngoc Mai and **Le Thanh Toan**. 2013. Observation on pre-penetration process of *Colletotrichum* spp. On rose and fluorescent reaction of host cells. The 12<sup>nd</sup> National Conference of Vietnamese Phytopathological Society. Agriculture Press: 111-120.
15. Bui Dong Ho, **Le Thanh Toan** and Tran Thi Thu Thuy. 2013. Diagnosis on spot disease of Nam Roi pomelo fruit and effect of some chemicals on its pathogen in vitro condition. The 12<sup>nd</sup> National Conference of Vietnamese Phytopathological Society. Agriculture Press: 128-134.
16. **Toan Le Thanh**, Kanjana Thumanu, Sopone Wongkaew, Nantakorn Boonkerd, Neung Teaumroong, Piyaporn Phansak & Natthiya Buensanteai. 2017. Salicylic acid-induced accumulation of biochemical components associated with resistance against *Xanthomonas oryzae* pv. *oryzae* in rice. Journal of Plant Interactions 12 (1): 108–120. <http://dx.doi.org/10.1080/17429145.2017.1291859> (Impact factor 2016: 1.628). Online ISSN: 1742-9153, Q1 of SCImago Journal Rank.
17. Kanjana Thumanu, Darawadee Wongchalee, Mathukorn Sompong, Piyaporn Phansak, **Toan Le Thanh**, Weravart Namanusart, Kunthika Vechklang, Supaporn Kaewnum & Natthiya Buensanteai. Synchrotron-based FTIR microspectroscopy of chili resistance induced by *Bacillus subtilis* strain D604 against anthracnose disease. Journal of Plant Interactions 12 (1): 255-263. 2017. <http://dx.doi.org/10.1080/17429145.2017.1325523> (Impact factor 2016: 1.628). Online ISSN: 1742-9153, Q1 of SCImago Journal Rank.
18. **Le Thanh Toan**, Nguyen Thi My Linh, Do Van Bao. 2019. Efficacy of *Ageratum* leaf extract on postharvest rot caused by *Aspergillus niger* and *Colletotrichum* sp. on chilli fruits. *Hue University Journal of Science: Agriculture and Rural Development*, 128(3B): 41–50.
19. **Toan Le Thanh**, Kanjana Thumanu, Natthiya Buensanteai. 2019. Fourier transform infrared characterization of salicylic acid treated rice plants against *Xanthomonas oryzae* pv. *oryzae*. *Hue University Journal of Science: Natural Science*, 127(1D): 63-72.
20. Phan Thi Anh Tho, Nguyen Van Hong, Ngo Sy Giai and **Le Thanh Toan**. 2019. Determination of seasonality, rainfall concentration on restructuring and developing sustainable agriculture, disaster prevention in the Mekong delta: an example for Can Tho region. *Journal of Science of Cantho University*, 55(1A): 23-31.
21. **Lê Thanh Toan** and Tran Anh Vu. 2019. Efficacy of extracts from spearmint, lemongrass and eucalypto against bacterial wilt caused by *Ralstonia solanacearum* in chilli. *Hue University Journal of Science: Agriculture and Rural Development* 128(3C): 65-76.

22. **Le Thanh Toan** and Le Van Lai. 2019. Efficacy of plant extracts against *Fusarium oxysporum* f.sp. *cucumerinum* causing *Fusarium* wilt in cucumber. Vietnam Journal of Agriculture and Rural Development 24: 84-90 (0866-7020).
23. **Le Thanh Toan** and Nguyen Quoc Thu. 2019. Efficacy of extracts from rose periwinkle, holy basil and garlic against bacterial wilt caused by *Ralstonia solanacearum* in chilli. Vietnam Journal of Agriculture and Rural Development 15: 52-58 (0866-7020).
24. **Lê Thanh Toàn**, Lê Thi Thu Ha, Nguyen Van Chi Hai, Thai Ngoc Onah, Pham Van Huong, Do Van Bao and Nguyen Van Mang. 2019. Diagnosis of pathogen and efficacy of some chemicals on soft rot disease in jackfruit cv. Changrai. Vietnam Journal of Agriculture and Rural Development 18: 17-23 (0866-7020).
25. **Le Thanh Toan** and Thi Su. Mycoflora on rice seeds at Hon Dat – Kien Giang and efficacy of plant extracts on *Curvularia* sp. and *Fusarium* sp. isolated from rice seed. Journal of Science of An Giang University 24(1): 68-75.
26. **Toan Le Thanh**, Kanjana Thamanu, Rungthip Sangpueak, Miyuki Kusajima, Hideo Nakashita, Sopone Wongkaew, Piyaporn Phansak, Narendra Kumar Papatthoti and Natthiya Buensanteai. Comparison of biochemical characteristics on induced resistance against leaf blight disease in rice. International Journal of Agriculture, Environment and Bioresearch 5(4): 207-223 (ISSN 2456-8643).
27. **Toan Le Thanh**, Hoang Nguyen Huy, Narendra Kumar Papatthoti and Natthiya Buensanteai. A new record of *Pseudomonas marginalis* causing the bacterial blight disease in *Centella asiatica* (L.) Urban in Vietnam. International Journal of Agriculture, Environment and Bioresearch 5(4): 224-238 (ISSN 2456-8643).
28. Le Thanh Toan and Tran Thanh Dat. 2020. Identification and efficacy of pesticides on pathogen causing stem-end rot of king mandarin fruits. Journal of Vietnam Agricultural Science and Technology 5(114): 67-71 (ISSN 1859-1558).
29. Narendra Kumar Papatthoti, Chanon Saengchan, Jayasimha Rayulu Daddam, Nattaya Thongprom, Kodchaphon Tonpho, Toan Le Thanh and Natthiya Buensanteai. 2020. Plant systemic acquired resistance compound salicylic acid as a potent inhibitor against SCF (SKP1-CUL1-F-box protein) mediated complex in *Fusarium oxysporum* by homology modeling and molecular dynamics simulations. Journal of Biomolecular Structure and Dynamics 38(18):1-8 (<https://doi.org/10.1080/07391102.2020.1828168>) Online ISSN: 1538-0254, Impact factor 3.310; Q2 of SCImago Journal Rank
30. Narendra Kumar Papatthoti, Dusadee Kiddeejing, Jayasimha Rayulu Daddam, **Toan Le Thanh** and Natthiya Buensanteai. 2020. Identification of protease inhibition mechanism by Iturin A against agriculture cutworm (*Spodoptera litura*) by homology modeling and molecular dynamics. The Open Bioinformatics Journal 13:119-128 (DOI: [10.2174/1875036202013010119](https://doi.org/10.2174/1875036202013010119)) Online ISSN: 1875-0362 , Impact factor 1.50; Q2 of SCImago Journal Rank SJR2019 0.69.

31. Le Thi Huyen Linh, **Le Thanh Toan**, Le Thi Yen Nhi, Nguyen Khanh Duy and Ho Thanh Binh. 2020. Effect of different silicate compounds on suppressing foliage transpiration and leaf blight disease of sticky rice plants. *J. Viet Env.* 112(1): 17-23.
32. Duong Huong Thi Vo, Cho Anh Huynh, Sang Vinh Tran, **Toan Thanh Le** and Tu Ngoc Thi Phan. 2021. Seed health and quality of rice seeds produced by farmer and growing in Cho Moi district, An Giang province, Vietnam. *International Journal of Agricultural Sciences* 3(2):69-75.
33. **Le Thanh Toan** and Pham Van Huong. 2021. Isolation and assessment of antagonistic ability of Mycorrhizae from agricultural soil. *Hue University Journal of Science: Natural Science* 130(1A): 87-96.
34. **Le Thanh Toan** and Vang Viet Binh. 2021. Plant extracts against rice leaf blight from histopathological aspect. *Hue University Journal of Science: Natural Science* 130(1A): 97-106.
35. Wannaporn Thepbandit, Natthiya Buensanteai, Kanjana Thumanu, Supatcharee Siriwong, **Toan Le Thanh** and Dusit Athinuwat. 2021. Salicylic acid elicitor inhibiting *Xanthomonas oryzae* growth, motility, biofilm, polysaccharides production, and biochemical components during pathogenesis on rice. *Chiang Mai J. Sci.* 48(2): 341-353. Online ISSN: 0125-2526, Impact factor 0.523; Q4 of SCImago Journal Rank SJR2020 0.164.
36. Chanon Saengchan, Piyaporn Phansak, **Toan Le Thanh**, Narendra Kumar Papatoti and Natthiya Buensanteai. Efficacy of salicylic acid and a bacillus bioproduct in enhancing growth of cassava and controlling root rot disease. *Journal of Plant Protection Research*, 61(3): 302-310. Online ISSN: 1427-4345, Impact factor 0.97; Q3 of SCImago Journal Rank SJR2020 0.335.
37. Narendra Kumar Papatoti, Kansinee Laemchiab, Vineela Sai Megavath, Praveen Kumar Keshav, Parichat Numparditsub, **Toan Le Thanh**, Natthiya Buensanteai. 2021. Augmented ethanol production from alkali-assisted hydrothermal pretreated cassava peel waste via simultaneous saccharification and fermentation (SSF) using *Kluyveromyces marxianus* MTCC 4139. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 2021: 1-11 (<https://doi.org/10.1080/15567036.2021.1928338>). Online ISSN: 15567036, 15567230, Impact factor 3.477; Q2 of SCImago Journal Rank SJR2020 0.477.
38. Wannaporn Thepbandit, Narendra Kumar. Papatoti, **Toan Le Thanh**, and Natthiya Buensanteai. 2021. Efficacy of salicylic acid elicitor on increasing rice health against bacterial leaf blight disease and yield improvement. *Pathogens*, 10(652): 1-18 (<https://doi.org/10.3390/pathogens10060652>). Online ISSN: 2076-0817, Impact factor 3.492; Q2 of SCImago Journal Rank SJR2020 0.984.
39. Supatcharee Siriwong, Wannaporn Thepbandit, Nguyen Huy Hoang, Narendra Kumar Papatoti, Karsidete Teeranitayatar, Tippawun Saardngoen, Kanjana Thumanu, Sundaresan

- Bhavaniramya, Vaseeharan Baskaralingam, **Toan Le Thanh**, Piyaporn Phansak and N. Buensanteai. Identification of a Chitooligosaccharide Mechanism against Bacterial Leaf Blight on Rice by In Vitro and In Silico Studies. *International Journal of Molecular Sciences*, 22(15), 7990: 1-21 (<https://doi.org/10.3390/ijms22157990>). ISSN: 1422-0067. Impact factor 5.923, Q1 of SCImago Journal Rank SJR2020 1.46. Published 27 July 2021.
40. Hoang Nguyen Huy, **Toan Le Thanh**, Anyanee Kamkaew and Natthiya Buensanteai. 2021. Study of nanoparticle formulations reduce leaf spot disease and enhance plant growth on cassava. In: Conference proceedings SUT International Virtual Conference on Science and Technology (6<sup>th</sup> Aug 2021 at Suranaree University of Technology). 471-476.
41. Parichat Numparditsub, **Toan Le Thanh**, Narendra Kumar Papatthoti and Natthiya Buensanteai. 2021. Effect of Bacillus-based chitosan formulations on controlling Fusarium wilt disease in tomatoes. In: Conference proceedings SUT International Virtual Conference on Science and Technology (6<sup>th</sup> Aug 2021 at Suranaree University of Technology). 491-496.
42. **Lê Thanh Toàn** và Nguyễn Hòa Nam. Efficacy of plant extracts against *Curvularia* sp. causing brown leaf spot on rice plants. *Can Tho university Journal of Science* 57(5): 177-184.
43. **Lê Thanh Toàn** và Nguyễn Văn Phi. Hiệu quả của một số loại dịch trích thực vật đối với nấm *Curvularia* sp. gây bệnh vết nâu trên lúa (DhAG, đã chấp nhận)
44. Chanon Saengchan, Rungthip Sangpueak, **Toan Le Thanh**, Piyaporn Phansak and Natthiya Buensanteai. 2021. Induced resistance against Fusarium solani root rot disease in cassava plant (*Manihot esculenta* Crantz) promoted by salicylic acid and *Bacillus subtilis*. *Acta Agriculturae Scandinavica, Section B – Soil & Plant Science* 1-11 (<https://doi.org/10.1080/09064710.2021.2018033>). ISSN: 1651-1913. Impact factor 1.694, Q2 of SCImago Journal Rank SJR2021 0.45. Published 08 Dec 2021.
45. Nguyen Huy Hoang, **Toan Le Thanh**, Wannaporn Thepbandit, Jongjit Treekoon, Chanon Saengchan, Rungthip Sangpueak, Narendra Kumar Papatthoti, Anyanee Kamkaew and Natthiya Buensanteai. 2022. Efficacy of Chitosan Nanoparticle Loaded-Salicylic Acid and -Silver on Management of Cassava Leaf Spot Disease. *Polymers* 2022, 14, 660. <https://doi.org/10.3390/polym14040660>. ISSN: 2073-4360. Impact factor 4.329, Q1 of SCImago Journal Rank SJR2022 0.77. Published 09 Feb 2022.
46. Nguyen Huy Hoang, **Toan Le Thanh**, Rungthip Sangpueak, Jongjit Treekoon, Chanon Saengchan, Wannaporn Thepbandit, Narendra Kumar Papatthoti, Anyanee Kamkaew and Natthiya Buensanteai. 2022. Nanoparticles-Based Ionic Gelation Method: A Promising Candidate for Plant Disease Management. *Polymers* 2022, 14, 662. <https://doi.org/10.3390/polym14040662>. ISSN: 2073-4360. Impact factor 4.329, Q1 of SCImago Journal Rank SJR2022 0.77. Published 09 Feb 2022.
47. Mai Chau Nhat Anh, Chau Lan Anh, Nguyen Ngoc Thien Thanh, Le Thanh Toan. 2022. Efficacy of beneficial *Penicillium* sp. on biocontrolling severity and defence enzyme phenylalanine ammonia-lyase against leaf blight disease on green onion plants (Proceedings



Paper). *Journal of Environmental Science for Sustainable Society* 11: 12-15. [Journal of Environmental Science for Sustainable Society \(jst.go.jp\)](http://jst.go.jp)

48. Nguyen Van Hong, Le Thanh Toan and Phan Thi Anh Tho. 2022. Impact of meteorological factors on citrus greening in Chau Thanh district, Hau Giang province. *Hue University Journal of Science: Agriculture and Rural Development* 131(3A): 167-178.
49. Narendra Kumar Papatoti, Kishore Mendam, Wannaporn Thepbandit, Niharika Burgula, Rungthip Sangpueak, Chanon Saengchan, Nguyen Huy Hoang, Praveen Kumar Keshav, Toan Le Thanh, Natthiya Buensanteai. 2022. Bioethanol production from alkali-pretreated cassava stem waste via consolidated bioprocessing by ethanol-tolerant *Clostridium thermocellum* ATCC 31,924. *Biomass Conversion and Biorefinery*. <https://doi.org/10.1007/s13399-022-02868-5>. 1-13.

## 7. Conferences/workshops

19 oral or poster presentations at national or international workshops.

## 8. Patents and Innovation

Narendra Kumar Papatoti, Gajula Prabhakar, Vineela Sai Megavath, Niharika Burgula, Sai Kishore Kumar, Le Thanh Toan, Natthiya Buensanteai. Title of the invention: A fungicidal and insecticidal nature of microbial biosurfactants production from *Bacillus* spp. by using agro-industrial wastes. Patent Number: 202241012390A. Publication date: 18/3/2022.

No	Innovation title	Certificate year	Certified by	Contribution percentage
1	Selection of beneficial mycorrhizae as novel applied agents on biocontrolling plant diseases	2022	Can Tho University, 1768/QĐ-ĐHCT, 30 May 2022	Le Thanh Toan (100%)
2	Application of <i>in Silico</i> Techniques in Plant Protection Researches under Industry 4.0	2022	Can Tho University, 1768/QĐ-ĐHCT, 30 May 2022	Le Thanh Toan (100%)

## 10. Other activities

2016: sent 3 master students to attend Synchrotron Science Camp 5, Thailand (Ms. Le Thi Truc Phuong, Ms. Ngo Thi Yen Nhi, Ms. Dinh Thi Yen Hong)

2017: sent 3 undergraduate students to attend Synchrotron Science Camp 6, Thailand (Ms. Le Thi Thu Ha, Mr. Vang Viet Binh, Mr. Le Van Lai), supervised 04 Thai undergraduate students in Can Tho university (Ms. Kanokorn Khuantakhob, Ms. Suphaphon Kanthiya, Ms. Suphawadee Manok, Ms. Jiraporn Lucksawut).

2018: sent 4 exchange students to Suranaree University of Technology, Thailand for 4 months (May 2018 –August 2018) (Ms. Homsavanh Souvannasone, Mr. Kiều Công Vinh, Mr. Nguyen Huy Hoang, Mr. Ngo Van Toan).

2018: sent 01 undergraduate and 01 graduate students to attend Synchrotron Science Camp 7, Thailand (Ms. Thai Ngoc Oanh, Ms. Le Thi Huyen Linh).

2019: supervised 02 Thai undergraduate students in Can Tho university (Ms. Orawa Pongsupa, Ms. Nawarat Tuangdon).

2019: sent 2 exchange students to Suranaree University of Technology, Thailand for 2 months (June 2019 – August 2019) (Mr. Nguyen Khanh Duy, Ms. Tran Thi Ngoc Tuyen).

Reviewer for international journals:

1. On 2018: Impact of foliar diseases and its interaction with nitrogen fertilization and fungicides mixtures on green leaf area dynamics and yield in oat genotypes with different resistance (Manuscript Number: CROPRO-D-18-01036). *Crop Protection* (ISSN: 0261-2194) (Q1, SJR 0.8) (30 Sep 2018)

2. On 2021: Morphological and physiological responses to water deficit stress conditions of robusta coffee genotypes in Thailand. *Agriculture and Natural Resources* (ISSN 2452-316X) (Q2, SJR 0.32) (25-Apr-2021)

3. On 2021: A novel technology for the one-step detection of prune dwarf virus: Colorimetric reverse transcription loop mediated isothermal amplification assay. (Manuscript Number: CROPRO-D-21-01458). *Crop Protection* (ISSN: 0261-2194) (Q1, SJR 0.8) (06 Dec 2021) (Huamin Chen <em@editorialmanager.com>)

4. On 2022: Efficacy of application of dry medicinal plant powder against rice diseases in yield improvement. *Crop Protection* (ISSN: 0261-2194) (Q1, SJR 0.8) (06 Dec 2021) (Huamin Chen <em@editorialmanager.com>) (3/4/2022)

5. On 2022: Effect of application of nitrogen and potassium fertilizers on growth and rhizome yield of red turmeric (*Curcuma longa* L.) on gray soil Thu Duc. *The Journal of Agriculture and Development* (Nong Lam University) (18/5/2022)

6. On 2022: Effect of water deficit stress and propagation methods on physiological responses of 5 Robusta coffee vari. *Agriculture and Natural Resources* (ISSN 2452316X) (Q3, SJR 0.26) (24/5/2022)

*Can Tho, 10<sup>th</sup> Jul 2022*

Lê Thanh Toàn