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| MINISTRY OF EDUCATION AND TRAINING  **HANOI UNIVERSITY OF AGRICULTURE** | **SOCIAL REPUBLIC OF VIETNAM**  **Independence - Freedom - Happiness** |

**CURRICULUM VITAE**

**I- PERSONAL INFORMATION**

Name BUI QUANG TUAN Sex: male

Date of Birth: 2nd *August 1959*

Place of Birth: Thai Binh, Vietnam

Ethnic: *Kinh*  Religion: Buddhism

Employer: *Vietnam* *National University of Agriculture (VNUA)*

Posting address:

*Faculty of Animal science*

*Vietnam National University of Agriculture (VNUA)*

*Trau Quy – Gia Lam district – Hanoi city, Vietnam*

*Tel. (84.24) 62617586*

*Fax: (84.24) 38276554*

*Email: bqtuan@vnua.edu.vn*

**II- EDUCATION**

**1. Bachelor degree:**

- Place of study: *Mongolian Agricultural University* From: 1979 to 1985

- Major: Animal Science

**2. Master degree:**

**3. PhD degree:**

- Place of study: *Vietnam National University of Agriculture (VNUA)*

- From: 1995-2000

- Major: *Animal production*

**4. Foreign language background** : *English*: *Intermediate*

*German: Intermediate*

**5. Informatics background**: *Word, Excel, PowerPoint, Minitab*

**6. Training courses attended**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Name of courses*** | ***Place*** | ***Duration*** | ***Certificate*** |
| Ruminant nutrition | Feldafing, Grub, Munich, Germany | 10/1994-10/1995 | Certificate |
| Pig nutrition | Gemblou, Belgium | 4/2000-7/2000 | Certificate |

**III. Work Experience**

1. **Emploiment history**

**From 2019 to date**

Employer: Vietnam National University of Agriculture

Position held: Lecturer, Head of Animal Nutrition and Feed Technology Dept.

**From 2008-2019**

Employer: Vietnam National University of Agriculture

Position held: Lecturer, Department of Animal Nutrition and Feed Technology

**From 2003-2008**

Employer: Vietnam National University of Agriculture

Position held: Lecturer, Department of Animal Nutrition and Feed Technology

**From 1995 - 2003:**

Employer: Vietnam National University of Agriculture

Position held: Lecturer, Department of Animal Nutrition and Feed Technology

**From 1986 - 1995:**

Employer: Vietnam National University of Agriculture

Position held: Lecturer, Department of Animal Nutrition and Feed Technology

**2. Research projects involved**

|  |  |  |
| --- | --- | --- |
| **Project/program** | **Level/Donor** | **Duration** |
| 1. Survey on selection of forage crops for dairy farming households in Luong Son - Hoa Binh | Ministry of Education and training -funded | 2004-2005 |
| 2. NUFU PROJECT - Improved Utilization of agricultural by-products as animal feed in Vietnam and Laos | Ministry of Education and training -funded | 1996 – 2006 |
| 3. Application of eco-bedding technology in pig production | Ministry of Agriculture -funded | 2009 |
| 4. Investigate the situation of using agricultural and industrial by-products as animal feed | Ministry of Agriculture -funded | 2007-2008 |
| 5. Selection and development of a process for intensive farming of fodder crops for cattle in the winter-spring crop | Ministry of Education and training -funded | 2009-2010 |
| 6. Evaluation of ensiling capacity of Gac shell (*Momordica cochinchinensis Spreng*) to be used in chicken and pig feeding | Mekarn-funded | 2010 |
| 7. Selection and use of some sorghum varieties with high green matter yield in winter-spring crop as fodder for ruminants | Ministry of Agriculture -funded | 2008-2010 |
| 8. Research on hybridization of sorghum (Sorghum bicolor L.) varieties used as animal feed | Ministry of Agriculture -funded | 2011-2013 |
| 9. Production of microbial product using to ferment the poultry litter | Ministry of Agriculture -funded | 2010-2012 |
| 10. Study on processing and utilization of Sargassum as animal feed | Ministry of Agriculture -funded | 2014-2015 |
| 11. Research on diets suitable for age stages of F1 crossbred cattle (BBB x Lai Sind) raised in suburban Hanoi. | Hanoi city-level scientific research project | 2016-2017 |
| 12. Completing technology and trial production of protein-rich ingredients from tapioca and cassava residues by micro-fermentation technology to make complete mixed feed in dairy and beef cattle farming in key breeding areas of Ha Noi. | Hanoi city-level scientific research project | 2017-2019 |
| 13. Application of processing corn cob, bagasse and passion fruit peel as feed for dairy cows in Son La | Son La provincial funding | 2017-2019 |
| 14. Supplement red yeast (Rhodotorula) and alga (Sargassum sp) in the diet of laying hens to improve egg yield and egg quality | World bank fund | 2020-2021 |
| 15. Research on renovating and managing natural grass beds and processing food from available materials to serve the development of large-scale cattle raising (buffaloes, cows, elephants) on a concentrated scale and on a household scale to create livelihoods. Sustainability for the people of the Central Highlands | Goverment | 2017-2020 |

**3. Publications**

***Textbooks:***

1. **Bui Quang Tuan,** Nguyen Bach Viet, Nguyen Van Quang and Nguyen Thi Huyen(2012).Feed crops. *Vnua publishing hourse*, Hanoi.
2. **Bui Quang Tuan,** Tran Quoc Viet, Dang Thuy Nhung and Nguyen Thi Huyen(2012). Animal feed and feeding. *Vnua Publishing House*, Hanoi.
3. **Bui Quang Tuan,** Le Viet Phuong, Tran Hiep, Nguyen Thi Huyen and Cu Thi Thien Thu (2020).Feed supplements and additives.*Vnua Publishing House*, Hanoi.

Tropical Animal Health and Production, Volume 45, Number 4, Pp 902-909

***Papers:***

1. Duong van Nhiem, Nguyen Xuan Trach and Bui Quang Tuan (2012). Effects of replacing fish meal with soy cake in a diet based on urea-treated rice straw on performance of growing Laisind beef cattle. Tropical Animal Health and Production, Volume 45, Number 4, Pp 902-909.

2. Nguyen Thi Tuyet Le, Le Viet Phuong, Bui Quang Tuan (2012). Effecs of different additives on the quality of Gac shell (Momordica cochinchinensis Spreng) silage. Journal of Science and Development. Vol 9, Nr.2: 139-145.

3. Nguyen Thi Tuyet Le, Bui Quang Tuan (2012). Using fermented litters in broiler production. Journal of Scientific Activities. Ministry of Science and Technology. 12/2012, pp. 92-96.

4. Ngo Thi Thuy, Bui Huy Doanh, Dang Thai Hai and Bui Quang Tuan (2013). The use of Mung bean (Phaseolus aureus) hulls in diet of laying hens. Livestock Research for Rural Development, 25 (1)

5. Bui Quang Tuan, Nguyen Xuan Trach and Pham Van Cuong (2013). Green matter yield and nutritional value for animal feed of some newly bred sorghum varieties (Sorghum bicolor (L.) Moench) in different ecological regions. Journal of Science and Development

6. Nguyen Thi Tuyet Le, Bui Quang Tuan, Nguyen Thi Huong (2013). Using fermented litters in layer production. Journal of Science and Development. Vol 11, Nr.2: 209-216.

7. Bui Quang Tuan, Nguyen Xuan Trach and Pham Van Cuong (2013). Effect of harvesting time on yield, chemical composition of two sorghum lines (OPV86 and OPV88) and quality of silage from sorghum. Journal of Science and Development

8. Ngo Thi Thuy, Bui Huy Doanh, Dang Thai Hai and Bui Quang Tuan (2015). Feed intake, digestion, nitrogen balance and urinary purine derivatives of goats when fed with acacia (Leucaeana leucocephala) and stylo (Stylosanthes guianensis). Journal of Science and Development, volume 13, issue 6, pp. 913-920.

9. Ngo Thi Thuy, Bui Huy Doanh, Dang Thai Hai and Bui Quang Tuan (2015). Feed intake, digestion, nitrogen balance and urinary purine derivatives of goats supplemented with legume (Fabaceae) diets. Livestock Magazine, Livestock Association, No. 10, pp: 64-70.

10. Nguyen Xuan Trach, Bui Quang Tuan, Le Viet Phuong and Nguyen Thi Tuyet Le (2015). Use of Sorghum Bicolor L. forliage for beef cattle fatterning. Journal Animal Husbandry Sciences and Technics. Vol. 4 (193), pp. 37-44.

11. Nguyen Thi Huyen, Le Viet Phuong, Bui Quang Tuan, Dang Hoang Lam, Nguyen Thi Tuyet Le (2015). Determination and processing of cassava sterms as feed for ruminant. Journal of Animal Husbandry Sciences and Technics . Nr. 4 p. 29-36.

12. Le Dinh Khan, Vu Chi Cuong and Bui Quang Tuan (2016). Sustained energy requirement of Vietnamese crossbred beef cattle. Journal Animal Husbandry Sciences and Technics. Vol. 65, pp. 2-24.

13. Ngo Thi Thuy, Bui Huy Doanh, Dang Thai Hai and Bui Quang Tuan (2015). Effect of the ratio of elephant grass and dried wild peanut in the diet on the efficiency of feed utilization, nitrogen metabolism and purine derivatives in the urine of goats. Livestock Magazine, Livestock Association, No. 213, pp: 54-60.

14. Nguyen Thi Tuyet Le, Bui Quang Tuan (2016). Evaluation the Quality and Microbial Flora of King Grass Silage. Journal of Science and Development. Vol 14, Nr.9: 1410-1417.

15. Nguyen Ngoc Kien, Le Viet Phuong, Bui Quang Tuan, Nguyen Thi Tuyet Le (2018). Research on metabolizable energy level and crude protein in total mix ration for F1 crossbreeds (BBBx lai Sind) in the period from 13-18months of age. Journal of Animal Sciences and Technology . Nr. 85, p.. 75-84.

16. Nguyen Ngoc Kien, Le Viet Phuong and Bui Quang Tuan (2018). Research on appropriate energy and protein levels in complete mixed diets (TMR) for fattening F1 crossbred cattle (BBB x Hybrid Sind). Journal Animal Husbandry Sciences and Technics. Vol. 89, pp. 46-55.

17. Nguyen Van Quang and Bui Quang Tuan (2018). Current status and direction of research and development of green fodder crops for livestock in Vietnam. Journal Animal Husbandry Sciences and Technics

18. Nguyen Thi Huyen, Nguyen Thi Tuyet Le, Bui Quang Tuan. 2018. Using Pleurotus eryngii in processing with rice straw as feed for ruminants. Vietnam J. Agri. Sci, 16(6): 578-584.

19. Nguyen Thi Huyen, Bui Quang Tuan, Nguyen Thi Tuyet Le, Bui Van Dinh. 2018. Utilisation of fungal treated rice straw in the diet of sheep. Proceedings of 43rd Animal Nutrition Research Forum Wageningen, April 11th 2018. Pages 55-56.

20. Nguyen Thi Tuyet Le, Bui Quan Tuan (2019). Role of probiotic microorganisms in gastrointestinal ecosystem and effectiveness of using probiotics in livestock productin. Journal of Animal Sciences and Technology. Nr. 106, pp.2-17.

21. Thi Huyen N, Tuyet Le N T and Tuan B Q. 2019. Fermenting rice straw with the fungus Pleurotus eryngii increased the content of crude protein and the digestibility of the straw. Livestock Research for Rural Development. Volume 31, Article #25.  <http://www.lrrd.org/lrrd31/2/nthuy31025.html>.

22. Nguyen Thi Huyen, Bui Quang Tuan, Ngo Xuan Nghien, Nguyen Thi Bich Thuy, Nguyen Thi Tuyet Le. 2019. Effect of Using Fungal Treated Rice Straw in Sheep Diet on Nutrients Digestibility and Microbial Protein Synthesis. Asian J. Anim. Sci., 13 (1): 1-7. <http://docsdrive.com/pdfs/knowledgia/ajas/2019/1-7.pdf>.

23. Nguyen Thi Tuyet Le, Bui Quang Tuan (2020). Production of fermented liquid feed using in pig production. Journal of Vietnam Agriculture Science and Technology. Vol 5 (114). P. 123-131.

24. Cu Thi Thien Thu, Le Viet Phuong, Dang Thai Hai and Bui Quang Tuan (2020). Study on energy and protein levels in complete mixed diets (TMR) for F1 crossbred calves (BBB x Hybrid Sind) at 6-12 months of age. Journal Animal Husbandry Sciences and Technics. Vol. 107, pp. 59-69.

25. Tran Hiep, Le Viet Phuong, Bui Quang Tuan and Nguyen Xuan Trach (2020). Passion fruit (Passiflora edulis) peel as feed for ruminants in Vietnam: Quantification, chemical composition and possibility to make silage. Livestock Research for Rural Development. Volume 32, Article #35. Retrieved February 7, 2020, from <http://www.lrrd.org/lrrd32/2/trach32035.html>

# 26. Tran Hiep, Le Viet Phuong, Bui Quang Tuan and Nguyen Xuan Trach (2020). Passion fruit (Passiflora edulis) peel as feed for dairy cattle in Vietnam. Livestock Research for Rural Development. Volume

32, Article #35 (5). Retrieved February 7, 2020, from <http://www.lrrd.org/lrrd32/2/trach32035.html>

27. Vu Anh Tai, Tran Thi Thuy Van, Bui Quang Tuan and Nguyen Xuan Trach (2020). Use of cashew apple fruit silage in cattle fattening diet. Livestock Research for Rural Development. Volume 32, Article #35 (5). Retrieved February 7, 2020, from <http://www.lrrd.org/lrrd32/2/trach32035.html>

28. Vu Anh Tai, Tran Thi Thuy Van and Bui Quang Tuan (2020). Evaluation of the balance and the ability to develop large herds of cattle (buffaloes and cows) in Gia Lai on the basis of local feed sources. Journal Animal Husbandry Sciences and Technics.

29. Thuy Van T T, Quang Tuan B, Anh Tai V and Xuan Trach N (2020). Use of groundnut foliage (Arachis hypogaea L.) in the cattle diet in Dak Lak province, Central Highlands of Vietnam. Livestock Research for Rural Development. Volume 32, Article #187. http://www.lrrd.org/lrrd32/12/nxtra32187.html

30. Nguyen Thi Huyen, Nguyen Thi Tuyet Le, Bui Quang Tuan (2021). Fermenting dried maize cobs with the fungus Pleurotus eryngii increased the content of crude protein and in vitro gas production. Livestock Research for Rural Development 33 (4) 2021.

31. Nguyen Thi Huyen, Nguyen Thi Tuyet Le, Bui Quang Tuan (2021). Fermented sugarcane bagasse with the fungus Pleurotus eryngii reduced in vitro methane production. Livestock Research for Rural Development 33 (6) 2021.

32. Le Viet Phuong, Nguyen Thi Tuyet Le, Bui Huy Doanh, Bui Quang Tuan,Nguyen Thi Huyen (2021). Supplement red yeast (Rhodotorula) and alga (Sargassum sp) in the diet of laying hens to improve egg yield and egg quality. Livestock Research for Rural Development 33 (8) 2021

**4. Workshops/seminars/conferences**

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| --- | --- | --- | --- |
| Workshop/Seminar | Organizer/ Host country | From ... to... | Paper presented |
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**Awards**

**5. Declaration**

I, the undersigned, certify that, to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience.

*Hanoi, 20 July 2021*

**Declarer**

*Bui Quang Tuan*