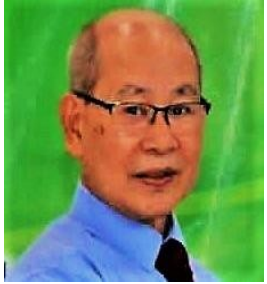


PROFILE OF PROF. L. DAIHO

	Name	Dr. L. Daiho
	Current designation	Professor & Dean
	e-mail	ldaiho@nagalanduniversity.ac.in
	Contact address	School of Agricultural Sciences (SAS) NU, Medziphema Campus- 797106, Chumoukedima District, Nagaland (India)
	Contact number	Phone: 9436004490 (M)
	Date of joining the institution	18 th October, 1985

Education: M.Sc. (Botany), Ph.D. (Plant Pathology)

Academic experience: More than 32 years of teaching and research

Research areas/field of specialization: Microbial Ecology in Jhum land Ecosystem, Fungal ecology in virgin forest soil; Integrated disease management of spices and vegetable crops, etc.

Teaching areas: Advanced Mycology, Plant Biosecurity and Biosafety, Principles and Procedures of Seed Certification; Integrated disease management, Insect vectors of plant viruses and other pathogens; Diseases of vegetable and spices crops; Agricultural microbiology, etc.

Publications (recent to old):

1. Valenta Kangjam, Narola Pongener, Raghuv eer Singh, Susanta Banik, L. Daiho, N. Tiameren Ao (2023). *In vitro* screening for potential antagonistic activity of *Trichoderma* isolates against *Sclerotium rolfsii* causing collar rot of French bean. *Environment and Ecology*, **41**(1C): 623-632.
2. Raghuv eer Singh, N. Tiameren Ao, Valenta Kangjam, N. Bidyaleima Chanu, L. Daiho and Susanta Banik (2019). Performance assessment of native tomato genotypes to late blight disease under natural epiphytotics. *International Journal of Current Microbiology and Applied Sciences* ISSN: 2319-7706, Vol. 8(11): 1923-1931.
3. Raghuv eer Singh, N. Tiameren Ao, Valenta Kangjam, Susanta Banik, Susheel Kumar Sharma, G. Rajesha, Mohika Hajong, C. Lalruaitluangi and L. Daiho (2020). Molecular characterization of potent biocontrol isolates of *Trichoderma asperellum* and *Pseudomonas fluorescens* from tomato rhizosphere. *International Journal of Current Microbiology and Applied Sciences* ISSN: 2319-7706, Vol. 9(1): 160-168.
4. Raghuv eer Singh, N. Tiameren Ao, Valenta Kangjam, L. Daiho, Susanta Banik and N. Bidyaleima Chanu (2019). Efficacy of indigenous liquid compatible microbial consortia on seed germination and seedling vigour in tomato (*Solanum lycopersicum* L.). *International Journal of Current Microbiology and Applied Sciences* ISSN: 2319-7706, Vol. 8(11): 2144-2157.
5. Chijamo Kithan and L. Daiho 2014. In vitro evaluation of fungicides, botanicals and bio-agents against leaf blight of *Etlingera linguiformis* caused by *Curvularia lunata* var. *aeria*. *Journal of Plant Pathology and Microbiology*. 5(3):1000232.
6. Chijamo Kithan and L. Daiho 2014. First report of *C. lunata* var. *aeria* on *E. linguiformis* from Nagaland, India. *Plant Disease*. 98 (II):1580.

7. Chijamo Kithan and L. Daiho 2014. Biochemical changes in essential oil of *Etlingera linguiformis* (Roxb.) R.M. Smith as influenced by *Curvularia lunata* var. *aeria*. International Journal of Biological and Pharmaceutical Research. 5(5):432-435.
8. Chijamo Kithan and L. Daiho 2014. Integrated management of leaf blight of *Etlingera linguiformis* (Roxb.) R.M. Smith caused by a fungal pathogen *Curvularia lunata* var. *aeria*. Journal of Experimental Biology and Agricultural Sciences. 2(3):308-315.
9. Sashiyangba and Daiho L. 2013. Identification of *Sphaerotheca fuliginea* and effect of ecological factor on the development of bottle gourd powdery mildew in Nagaland, India. Accepted publication in International journal of Bio-resource and stress management. Vol.4 (3).
10. Sashiyangba and Daiho L. 2013. Evaluation of the incidence of powdery mildew (*Sphaerotheca fuliginea*) on bottle gourd. Journal of Hortiflora Research Spectrum Vol.2(2) April-June.
11. D.K. Chetri, L. Daiho and D.N. Upadhyay. 2011. Tentative Identification of Critical Weather Factors to Circumvent Leaf Blast with Altered Dates of Sowing of Rice in the Foot-hills of Nagaland, India (an Abstract).
12. Ruokuovilie Mezhatu, L. Daiho and D.N. Upadhyay 2007. Integrated management of rhizome rot of ginger caused by *Fusarium oxysporum* f. sp. *zingiberi*. *Journal of Eco-friendly Agriculture*. **3(1)** 75-77.
13. Ruokuovilie Mezhatu, L. Daiho and D.N. Upadhyay 2006. Evaluation of fungicides *in-vitro* against the growth of *Colletotrichum capsici*: the causal organism of chilli fruit rots disease. *Composite Farming Practices and Economic Development*. **1(1)** 216-219.
14. Ruokuovilie Mezhatu, L. Daiho and D.N. Upadhyay 2006. Evaluation of fungicides *in-vitro* against the growth of *Colletotrichum capsici*: the causal organism of chilli leaf spot disease. *Composite Farming Practices and Economic Development*. **1(1)** 212-215.
15. Ruokuovilie Mezhatu, L. Daiho and D.N. Upadhyay 2006. Studies on management of *Cercospora* leaf spot of chilli (*Capsicum annum*L.) with systemic and non-systemic fungicides. *Composite Farming Practices and Economic Development*. **1(1)** 230-235.
16. Ruokuovilie Mezhatu, L. Daiho and D.N. Upadhyay 2006. Studies on management of fruit rot of chilli (*Capsicum annum*L.). *Composite Farming Practices and Economic Development*. **1(1)** 224-229.
17. Ruokuovilie Mezhatu, L. Daiho and D.N. Upadhyay 2006. Screening of chilli cultivars against leaf spot and fruit rot diseases caused by *Cercospora capsici* and *Colletotrichum capsici*. *Composite Farming Practices and Economic Development*. **1(1)** 220-223.
18. L Daiho and Ruokuovilie Mezhatu. 2006. Screening and integrated management of rhizome rot of ginger. *Horticulture for sustainable income and environment protection*. **1(11)** 643-648.
19. Daiho, L. and Upadhyay, D.N. 2006. Economics of organic ginger cultivation. Paper presented in the Seminar on Problems & Prospects of Agricultural Marketing with special reference to North East Hill Region of India, held from 11th-13th October, 2006 at Nagaland University, SASRD, Medziphema Campus.
20. Daiho L, Upadhyay D.N. and Ruokuovilie Mezhatu. 2004. Integrated management of ginger rhizome rot. Paper presented in the National Seminar on Horticulture for sustainable income and environmental protection, from 24th-26th February, 2004.
21. Daiho, L. and Upadhyay, D.N. 1995. Growth stimulating effect of *Trichoderma harzianum* on soybean. Paper accepted for publication in the journal of Soil Biology and Ecology.

22. Daiho, L., Upadhyay, D.N. and Singh, H.B. 1989. Effect of slash and burnt on *Trichoderma* species in Jhum land ecosystem at Medziphema, Nagaland. Paper presented in the National symposium on Recent Trends in Plant Disease Control. April 12-14, 1989, NEHU, SASRD, Medziphema.

23. Singh, H.B., Upadhyay, D.N., Saha, L.R. and Daiho, L. 1989. Biological control of *Sclerotium rolfsii* causing collar rot of pigeon-pea. Paper presented in the National Symposium on recent Trends in Plant Disease Control. April 12-14, 1989, NEHU, SASRD, Medziphema.
24. Singh, H.B., Daiho, L. and Upadhyay, D.N.1986. Biological control of Sclerotium Wilt and the rot of knol-khol by *Trichoderma harzianum*. Proc. of the International Conf. On Res. in Pl. Sc. and its relevance to future. Delhi Univ.Mar.7-11. 1988.p:92.
25. Daiho, L., Singh, H.B. and Upadhyay, D.N. 1987. *Sclerotium* rots of some ornamental herbs from Nagaland. FAO Plant Protection Bulletin. First report from Nagaland.

Publications in Journals:

(Author[s], year of publication, Title, Name of journal, Vol. & page No.)

Book chapters/Book:

(Author[s], Year of publication, Title of book chapter/book, Publisher, Page No.)

Other publications (Practical manual, Reports, etc. with year of publication)

1. Agricultural Microbiology Lab manual

Handling of research/development project/consultancy (recent to old)

Title of Research projects, Funding agency, Duration, Completed/on-going

Sl. No.	Title of project	Funding agency	Duration	Completed/on-going
1	Establishment of institutional level biotech Hub	DBT, New Delhi	4 years	Completed
2	Isolation, identification, preservation and documentation of soil fungi of Dziilakie virgin forest in Nagaland	DBT, New Delhi	3 years & 6 months	Completed
3	Integrated management of ginger rhizome rot	DBT, New Delhi	3 years	Completed
4	Screening of ginger genotypes from North-eastern states against soft rot	NATP, ICAR New Delhi	3 years	Completed

Research guidance (Ph. D) : (past to present)

Sl. No.	Topic of thesis	Name of student	Degree	Year of award
1	Integrated Management of Rhizome rot of ginger	Mr. Ruokuovilie Mezhatu	Ph.D.	2007
2	Studies on blast of rice caused by <i>Pyricularia oryzae</i> Cav. in landraces of NEH region (India) and its management	Mr. D.K. Chetri	Ph.D.	2007
3	Studies on fruit rot of king chilli with Special reference to its management.	Mr. Y. Marinus Ngullie	Ph.D.	2010
4	Studies on leaf blight of taro, <i>Colocasia esculenta</i> (L) Schott, caused by <i>Phytophthora colocasiae</i> (Raciborski)	Ms. Narola Pongener	Ph.D.	2012
5	Occurrence and management of Powdery mildew of bottle-gourd.	Mr. Sashiyangbah	Ph.D.	2012
6	Study of <i>Curvularia</i> leaf blight of <i>Etilingera linguiformis</i>	Mr. Chijamo Kithan	Ph.D.	2015

Research guidance M. Sc. (Ag): (past to present)

Sl. No.	Topic of thesis	Name of student	Degree	Year of award
1	Studies on management of rhizome rot of ginger	Ms. Ashik Konyak	M.Sc.Ag	1999
2	Technology for cultivation of Oyster mushroom during winter months at Medziphema	Mr. Imsusangba Jamir	M.Sc.Ag.	2000
3	Effect of soil mulching with leaves of 4 selected plant species on rhizome rot of ginger	Mr. C. Malsawmkima	M.Sc.Ag.	2002
4	A comparative study on cultivation of <i>Pleurotus sajor-caju</i> and <i>P. florida</i> .	Mr. Ajay Saring	M.Sc.Ag	2003
5	Management of ginger rhizome rot stored in pit	Mr. Sentinungba LCR	M.Sc.Ag	2004
6	Integrated management of rhizome rot of ginger	Mr. Rokhwetsholo Kapfo	M.Sc.Ag	2005
7	Studies on management of leaf spot & fruit rot chilli with a few selected chemicals	Mr. Ruokuovilie Mezhatu	M.Sc.Ag.	2007
8	Biological management of <i>Pythium</i> rot of ginger cv. Nagaland local	Mr. C. Lalfakawma	M.Sc.Ag	2007
9	Studies on dry rot of ginger in relation to its management	Mr. I. Nuchet	M.Sc.Ag	2010
10	Integrated Management of early blight of Potato	Ms. Habung Yabyand	M.Sc.Ag	2010
11	Management of ginger dry rot by physical and biological method	Mr. Ngayi Tato	M.Sc.Ag	2011
12	Integrated effect of physical, biological and cultural methods for control of ginger dry rot	Ms. Atshole Kapfo	M.Sc.Ag	2012
13	Evaluation of different bio agents, botanicals and fungicides Against anthracnose of French beans caused by <i>C. lindemuthianum</i>	Mr. Subhankar Paul	M.Sc.Ag	2014
14	Study on efficacy of selected fungicides Against early blight of tomato	Mr. Thapa Sanyu	M.Sc.Ag	2015
15	Study on management of Cercospora leaf spot of Zinnia	Ms. Jase D. Sangma	M.Sc.Ag	2016
16	Study on management of Alternaria leaf blight of Gerbera, and screening of cultivars for resistance against the disease	Ms. Thepfusano Ngukha	M.Sc.Ag	2016
17	Effect of seed priming on incidence of root rot of soybean caused by <i>R. solani</i>	Ms. Temjensengla Lemtur	M.Sc.Ag	2017
18	Integrated management of soybean root rot caused by <i>Rhizoctonia solani</i>	Ms. Mekrulou Mero	M.Sc.Ag	2018
19	Integrated Management of Anthracnose of King chilli (14/06/2019)	Ms. Nungshitula Pongener	M. Sc. Ag	2019
20	Integrated Management of Tomato root rot caused by <i>Rhizoctonia solani</i> Kuhn. 28/09/2020	Ms. Hemani Hajong	M. Sc. Ag.	2020
21	Evaluation of Recommended Fungicides	Kihetoli T. Kiba	M. Sc. Ag.	2022

	against Early Blight of Tomato under Medziphema condition 27.07.2022			
22	Integrated Management o Pea wilt caused by <i>Fusarium oxysporum</i> f.sp. <i>pisi</i> 25/07/2022	Minggap Yirang	M. Sc. Ag.	2022
23	Study on Evaluation of Fungicides, Bio-control agents and Botanicals against Stem canker of Red-fleshed Dragon Fruit 6/2/2023	Jonathan Laltnanmawia	M. Sc. Ag.	2023
24	Study on Fusarium wilt of Cherry Tomatoes and its Integrated Management 23.02.2023	Sedesatuo Belho	M. Sc. Ag.	2023
25	Integrated Management of Cabbage Leaf Blight caused by <i>Alternaria</i> spp. 26.09.2023	Chumchanbeni Ngullie	M. Sc. Ag.	2023

Seminar/Conference attended

1. National Seminar on ‘Crop protection: current trend and future perspective’ organized during November 16-18, 2017 at Nagaland University, SASRD, Medziphema Campus, Nagaland (India).
2. International Conference on Plant, Pathogens and People, Challenges in Plant Pathology to Benefit Humankind, Feb.23-27, 2016, New Delhi (India)
3. International Symposium on ‘Role of fungi and microbes in 21st Century- a global scenario’ during 20-22 Feb, 2014 at Science City, Kolkata organized by Indian Mycological Society, University of Calcutta, Kolkata (India).
4. Symposium on Holistic Plant Health Management in Organic Agriculture during February 10-11, 2015, organized by Indian Phytopathological Society & ICAR Research Complex for NEH Region, Umiam, Meghalaya.
5. National Seminar on Sustainable Horticulture vise-avis ChangingEnvironment, February 26-28, 2015, jointly organized by Department of Horticulture, Nagaland University Medziphema Campus, in collaboration with Department of Horticulture, Govt. of Nagaland and Central Institute of Horticulture, Govt. of India, Medziphema.
6. National Seminar on Horticulture for sustainable income and environmental protection, from 24th-26th February, 2004, organized by the department of Horticulture, Nagaland University, SASRD, Medziphema ‘‘campus.
7. National symposium on Recent Trends in Plant Disease Control, April 12-14, 1989, organized by the Department of Plant Pathology, NEHU, SASRD, Medziphema Campus, Nagaland.

Any other information

Signature

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Dr. L. Daiho
Professor & Dean