



NAGALAND UNIVERSITY
(A Central University Established by an Act OF Parliament No.35 of 1989)
Headquarters:Lumami
Zunheboto District-798627
Nagaland, India



Curriculum Vitae

1	Name (Block Letters):	:	Dr. LANUNOLA TZUDIR
2	Father's Name:	:	Late Dr. S. R. Sosang Tzudir
3	Department/Centre:	:	Agronomy, SASRD
4	Current Designation	:	Assistant Professor
5	Sex:	:	Female
6	Marital status	:	Married
7	Nationality:	:	Indian
8	Whether belongs to SC/ST/OBC category	:	ST
9	Address for correspondence	:	Dr. Lanunola Tzudir Dept. of Agronomy, SASRD, Nagaland University, Medziphema - 797106, Nagaland
10	Permanent Address	:	C/o: Pinegrove, H/no-213, Naharbari, Purana Bazar, Dimapur-797112, Nagaland
1	E- mail	:	lanunola@nagalanduniversity.ac.in
12	Date of joining the Institution	:	9 th Oct, 2012

1. Academic Qualifications:

Sl. No.	Examination passed	Year of passing	% of marks (Division)	Board/University	Subjects Taken
1	HSLC	2001	80.6 (First)	NBSE	Maths, Science, Social Sc., English, Alt. English
2	HSSLC	2003	60.2 (First)	NBSE	PCMB, English, Alt. English
3	B.Sc. (Agri.)	2007	84.7 (First)	NU	Agriculture
4	M.Sc. (Agri.)	2009	88.5 (First)	BCKV	Agronomy
5	Ph.D.	2013	88.4 (First)	BCKV	Agronomy
6	NET	2010		ASRB	Qualified

1. Research project:

Start-up project

on

“Agronomic evaluation of local landraces of foxtail millet {*Setaria italica* (L.) P. Beauv.} in Nagaland”

2. Paper publications:

Lanunola Tzudir, Srijani Maji, Shrabani Basu, P. S. Bera, Rajib Nath and P. K. Chakraborty (2013). Nature and shape of wind profile over the mungbean canopy sown under different dates and its impact on biological parameters in the tropical subhumid environment. *Journal of Crop and Weed*, 9(2): 50-56.

Lanunola Tzudir and R. K. Ghosh (2014). Impact of Integrated nutrient management on performance of rice under System of Rice Intensification. *Journal of Crop and Weed*, 10(2): 331-333.

Lanunola Tzudir, P. S. Bera, Shrabani Basu, Rajib Nath and P. K. Chakraborty (2014). Impact of GDD and HTU on drymatter accumulation in mungbean sown under different dates in the sub-humid tropical environment of Eastern India. *Journal of Crop and Weed*, 10(2): 57-62.

- Lanunola Tzudir, P. S. Bera and P. K. Chakraborty (2014). Impact of temperature on the reproductive development in Mungbean (*Vigna radiata*) varieties under different dates of sowing. *International Journal of Bio-Resource and Stress Management*, 5(2): 194-199.
- Lanunola Tzudir, P. S. Bera and P. K. Chakraborty (2015). Diurnal variation in canopy temperature and stress degree day index of mungbean (*Vigna radiata*) varieties under different dates of sowing. *International Journal of Bio-resource and Stress Management*, 6(6): 639-643.
- Lanunola Tzudir, Shrabani Basu, P. S. Bera, Rajib Nath, D. Mazumdar and P. K. Chakraborty (2016). Impact of weather variables on drymatter accumulation and yield of mungbean [*Vigna radiata* (L.) Wilczek] varieties under different dates of sowing. *Legume Research*, 39(3) 2016 : 427-434.
- Lanunola Tzudir, P. S. Bera, Rajib Nath and P. K. Chakraborty (2017). Interception of PAR and dry matter production in mungbean [*Vigna radiata* (L.) Wilczek] varieties sown under different dates. *Crop Research*, 52(4 & 5): 137-142.
- WatisenlaImsong and Lanunola Tzudir (2017). Effect of organic sources of nutrients on the performance of greengram (*Vigna radiata* L. Wilczek) under Nagaland condition. *Journal of Interacademia*, 21(2): 126-134.
- PhyobeniMozhui, Lanunola Tzudirand D. Nongmaithem (2017). Growth and Yield Performance of Soybean (*Glycine max* L. Merril) Varieties Under Rainfed Condition of Nagaland. *Environment and Ecology*, 35 (3B): 2132—2136.
- AnnieciaLynrah, D.Nongmaithem and Lanunola Tzudir (2017). Response of Soybean [*Glycine max* (L.) Merrill] to Lime and Integrated Nutrient Management on Growth, Yield and Soil Properties in Acidic Soils of Nagaland. *International Journal of Tropical Agriculture*, 35(1):135-140.
- Lanunola Tzudir, Srijani Maji, Shrabani Basu, P. S. Bera, Rajib Nath, D. Mazumdar and P. (2018). Investigating relationship between canopy temperatures and biomass of Mungbean in sub-humid tropics.*Journal of Agrometeorology*, 20(Special Issue-1): 114-119.
- D. Nongmaithem, Meshenji Apon, A. P. Singh and Lanunola Tzudir (2019). Climate smart agriculture for sustaining food production. *Journal of Crop and Weed*, 15(3): 59-64.

- Nengkhone Hangsing, Lanunola Tzudir, A.P. Singh (2020). Effect of spacing and levels of phosphorus on the growth and yield of green gram (*Vigna radiata*) under rainfed condition of Nagaland. *Agricultural Science Digest*, 40(2): 139-143.
- Shivani Kumari, Lanunola Tzudir and Meshram M. R. (2020). Carbon Farming: Need of Future. *Biotica Research Today*, 2(12): 1280-1282
- T. Zhimomi, Lanunola Tzudir, P. R. K. Reddy and Shivani Kumari (2021). Effect of Spacing and Age of Seedling on Yield of Rice under System of Rice Intensification. *International Journal of Current Microbiology and Applied Sciences*, 10(02): 763-769
- Shivani Kumari and Lanunola Tzudir (2021). Black Wheat: Next Big Thing in India's Agricultural Landscape. *Biotica Research Today*, 3(4): 240-242
- Merentoshi, Ranjan Das and Lanunola Tzudir (2021). Climate Change and Crop Stresses. *Biotica Research Today*, 3(5): 351-353.
- PC. Lallawmzuali, Lanunola Tzudir and D. Nongmaithem (2021). Effect of Levels and Sources of Sulphur on Nutrient Uptake, Economics and Post-Harvest Soil Nutrient Concentration of Sesamum (*Sesamum indicum* L.). *Research Biotica*, 3(3):154-157.
- Diethovonuo A. P. Singh, Lanunola Tzudir, P. K. Shah (2021). Response of Baby Corn (*Zea mays* L.) to Different Weed Management Practices and Zinc Fertilization. *Environment and Ecology*, 39(4A): 1090-1095.
- N. Sridhar, D. Nongmaithem, Lanunola Tzudir, A.P. Singh (2021). Weed management in groundnut with diclosulam herbicide. *Indian Journal of Weed Science*, 53(3): 305-306.
- Thechano J Ezung, A P Singh, Lanunola Tzudir and Virosanuo Solo (2021). Studies on integrated weed management in black gram (*Vigna mungo* L.) under rainfed condition of Nagaland, India. *Plant Archives*, 21(2): 682-686.
- P. C. Lallawmzuali, Lanunola Tzudir and Debika Nongmaithem (2022). Effect of Levels and Sources of Sulphur on Growth and Yield Attributes of Sesamum (*Sesamum indicum* L.) under Rainfed Condition of Nagaland. *Indian Journal of Agricultural Research*, 56(4): 439-441.
- Shivani Kumari, Lanunola Tzudir, T. Gohain and A. P. Singh (2023). Biostimulants in crop performance and soil health management. *Biotica Research Today*, 5(2):156-159.

- P Raja Kumar Reddy, Lanunola Tzudir, Shivani Kumari, Debika Nongmaithem, A.P. Singh and Rekha Yadav (2023). Response of black gram (*Vigna mungo* L.) to integrated weed management and its effect on weed dynamics. *Plant Archives*, 22(2): 397-402.
- Anjali Taku, Lanunola Tzudir, Shivani Kumari and Debika Nongmaithem (2023). Weed Management Strategies in Summer Blackgram (*Vigna mungo* L. Hepper) Grown in Sandy Loam Soils of Western Nagaland. *Biological Forum – An International Journal*, 15(2): 719-723.
- N. Anthony Baite, Debika Nongmaithem, D. Saya, Lanunola Tzudir and Hironya Kumar Borah (2022). Response of Green Gram (*Vigna radiata* L.) to Different Levels of Phosphorus and Potassium. *International Journal of Current Microbiology and Applied Sciences*, 11(04): 65-72.
- Shivani Kumari, Lanunola Tzudir, T. Gohain and A. P. Singh (2023). Biostimulants in crop performance and soil health management. *Biotica Research Today*, 5(2): 156-159.
- BadapmainMakdoh, A. P Singh, L. T. Longkumer, T. Gohain, Lanunola Tzudir, D. Nongmaithem, Rekha Yadav and L. Touthang(2023). Iron biofortification for enhancing yield, nutrient uptake and iron nutrition in soybean. *Annals of Plant and Soil Research* 25 (2): 262-269.
- BadapmainMakdoh, A.P. Singh, L.T. Longkumer, T. Gohain, Lanunola Tzudir, D. Nongmaithem, Rekha Yadav and DamitreLytan (2023). Foliar Application of Ferrous Sulphate and its Influence on Growth, Grain Quality and Nutrient Uptake in Soybean (*Glycine max* L.). *Biological Forum – An International Journal*, 15(5):1-8.
- AidapbiangThongni, Lanunola Tzudir and Shivani Kumari (2023). Effect of Spacing and Weed Management on Weed Dynamics of Summer Blackgram [*Vigna mungo* (L.) Hepper] under Nagaland Conditions. *Agricultural Science Digest*. DOI: 10.18805/ag.D-5756.
- WatisenlaImsong, Lanunola Tzudir, L. T. Longkumer, T. Gohain and Z. Kawikhonliu (2023). Effect of Sulphur and Zinc Fertilization on Growth and Yield of Soybean (*Glycine max* L. Merrill) under Nagaland Condition. *Agricultural Science Digest*. doi:10.18805/ag.D-5758.
- Tana Yagum, L. Tongpang Longkumer, NoyingthungKikon, ImlilemlaAmlari and Lanunola Tzudir. Effect of PGRs on Yield, Quality Parameters and Economics of

- Linseed (*Linum usitatissimum* L.) Cultivation under Rainfed Conditions of Nagaland. *Biological Forum – An International Journal*, 15(7): 38-44.
- WatisenlaImsong, Lanunola Tzudir, L.T. Longkumer, T. Gohain and Z. Kawikhonliu. Effect of Sulphur and Zinc Fertilization on the Quality and Economics of Soybean (*Glycine max* L. Merrill) under Nagaland Condition. *Biological Forum – An International Journal*, 15(4): 307-312.
- Wanda EntalyroseSusngi, Rekha Yadav, A.P. Singh, Lanunola Tzudir, Debika Nongmaithem and Abdul Aziz Qureshi¹ (2023). Performance of Linseed (*Linum usitatissimum* L.) Varieties in Foothills of Nagaland under Irrigated Condition. *Indian Journal of Agricultural Research*. doi:10.18805/IJARE.A-6060.
- AidapbiangThongni, · Lanunola Tzudir and · Shivani Kumari (2023). Response of summer blackgram (*Vigna mungo* L. Hepper) to planting geometry and weed management under Nagaland condition. *Indian Journal of Hill Farming*. Special Issue 2023, 36 (Special Issue): 203-209.
- Rinu Sakhong, D. Nongmaithem, Lanunola Tzudir and Charan Singh Choudhary (2023). Effect of Date of Sowing and Planting Geometry on Growth and Yield of Summer Black Gram (*Vigna mungo* L. Hepper). *Environment and Ecology*, 41(1B): 407-410.
- T. Gohain, Y. Lenmem, Lanunola Tzudir (2023). Production and Productivity of Oat (*Avena sativa* L.) Cultivars as Fodder Crop on Hilly Terraces of Nagaland under Rainfed Condition. *Agricultural Science Digest*. doi:10.18805/ag.D-5737.
- Merentoshi Mollier, Rajib Roychowdhury, Lanunola Tzudir, Radheshyam Sharma, Ujjal Barua, Naseema Rahman, Sikandar Pal, Bhabesh Gogoi, Prakash Kalita, Devendra Jain and Ranjan Das (2023). Evaluation of Morpho-Physiological and Yield-Associated Traits of Rice (*Oryza sativa* L.) Landraces Combined with Marker-Assisted Selection under High-Temperature Stress and Elevated Atmospheric CO₂ Levels. *Plants*, 12: 1-21.
- Ruth Kimthenvah, Lanunola Tzudir*, Shivani Kumari, A. P. Singh, D. Nongmaithem, Rekha Yadav and NoyingthungKikon (2023). Prospects of using different Dates of Sowing for Linseed under different Row spacing System in Sandy Loam Soils of Medziphema. *Biological Forum – An International Journal*, 15(5): 1389-1394.
- Virosanuo Solo, A. P. Singh, Lanunola Tzudir, Debika N., Pankaj Shah and P. K. Singh (2023). Influence of Nutrient Regulation on Ricebean (*Vigna umbellata* (Thunb.)

Ohwi and Ohashi) Growth and Dry Matter. *International Journal of Plant & Soil Science*, 35(24): 211-217.

Gauri Mohan, T. Gohain, Lanunola Tzudir, A.P. Singh and D. Nongmaithem (2023). Study on Yield, Nutrient Content and Nutrient Uptake of Rice-Based Intercropping System as Influenced by Integrated Nutrient Management. *Biological Forum – An International Journal*, 15(7): 141-146.

Virosanuo Solo, A. P. Singh, Lanunola Tzudir, Debika N., Pankaj Shah and P. K. Singh (2023). Influence of Nutrient Regulation on Ricebean (*Vigna umbellata* (Thunb.) Ohwi and Ohashi) Growth and Dry Matter. *International Journal of Plant & Soil Science*, 35(24): 211-217.

Shivani Kumari, Lanunola Tzudir, T. Gohain and Merentoshi (2024). Effect of tillage practices and liquid seaweed as foliar spray on growth and yield of Sweet corn (*Zea mays*, saccharata, L.). *Annals of Plant and Soil Research*, 26(1):129-135.

3. Book chapters:

Rekha Yadav, A. P. Singh, Lanunola Tzudir, Debika Nongmaithem, Wanda EntalYROSESusngi, and BoduveluRhakho (2022). Animal Dung for Better Soil Health Management. *In: Animal Manure Agricultural and Biotechnological Applications*, edited by Ajit Varma, Amity Institute of Microbial Technology, Amity University, Noida, Uttar Pradesh, India, pp. 255-259.

Lanunola Tzudir, A. P. Singh, D. Nongmaithem and Merentoshi (2022). Zabo Farming System: A Traditional Method of Integrated Farming System in Nagaland. *Recent Trends in Agriculture*, edited by Ankita Pandey, Laxmi and Akanchha Pandey, Vital Biotech Publication, pp. 158-167.

Sharongmanyang, D. Nongmaithem, A.P. Singh and Lanunola Tzudir (2022). Response of Sesame to Different Nutrient Levels and their Effect on Soil Nutrient Status in Nagaland Condition. *Recent Trends in Agriculture*, edited by Ankita Pandey, Laxmi and Akanchha Pandey, Vital Biotech Publication, pp. 210-218.

4. Seminar/Conferenceattended:

Sl. No	Seminar/Conference	Place	Date
1	Participated and presented paper in the Third International Agronomy Congress	New Delhi	November 26-30, 2012
2	Participated and presented paper in the	Kolkata	February 6-

	First International Conference on Bio-Resource and Stress Management		9, 2013
3	Participated and presented paper in National Seminar	ICAR Research Complex, Jharnapani	January 23-25, 2014
4	Participated and presented paper at the International Seminar on Integrating Agriculture and Allied Research: Prioritizing Future Potentials for Secure Livelihoods	Kalyani, West Bengal	November 6-9, 2014
5	Participated in the National Seminar on Sustainable Horticulture vis-à-vis Changing Environment	NU:SAS, Medziphema	February 26-28, 2015
6	Participated in one day conference on-Linking prospective Food Entrepreneurs with Government Schemes and Markets	NU:SAS, Medziphema	August 12, 2016
7	Participated and presented paper at the 4 th International Agronomy Congress	New Delhi	November 22-26, 2016
8	Participated in the National Seminar on Crop Protection: Current Trend and Future Perspective	NU:SAS, Medziphema	November 16-18, 2017
9	Participated in a webinar on Challenges and Opportunities before Youth in Agriculture Held	NAHEP, ICAR	September 4, 2020
10	Participated in a one day technical webinar on Integrated Pest Management for Maize Crop with special reference to fall armyworm in NEH region	ICAR-Indian Institute of maize Research (IIMR), Ludhiana	September 4, 2020
11	Participated in an International Web-Conference on Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals	ANRCM, Lucknow	September 11-12, 2020
12	Participated in a webinar on Publishing ethics on Biomedicine and Lifesciences	Springer Nature in collaboration with	September 16, 2020

	Research	DeLCON	
13	Participated in a two-day National webinar on Research Structuring, statistical insights and publication strategies	NFED, Coimbatore	November 28-29, 2020
14	Participated and presented paper at the National Conference on Priorities in crop protection for sustainable agriculture	CAU, Imphal	March 16-18, 2021
15	Participated in a National Webinar on Sustainable Organic Farming: Techniques & Certification	Tripura	May 17-18, 2021.
16	Participated in a National Webinar on Microbial biopesticides: Next generation preparedness	DBT- North East centre for Agricultural Biotechnology in collaboration with AAU, Jorhat	July 2, 2021
17	Participated in a National Conference on Integrated Farming Systems: A Tool for Enhancing Income and Nutritional Security	ICAR-Research Complex for Eastern Region, Patna, Bihar	October 5-7, 2021
18	Participated and presented paper at the 3 rd International Weed Conference "Weed problems and management challenges: Future perspectives	AAU, Anand, Gujarat	December 20-23, 2022
19	Participated and presented paper at the National Conference on Sustainable Emerging Approach in Agri-business development organised	NU:SAS, Medziphema	November 1-3, 2023

5. Training/FDP/Winter/Summer school attended:

Sl. No.	Name of the Course	Place	Date
1	Two days workshop on “Capacity Enhancement on communication & Team Building” at SASRD, Medziphema	NU: SAS, Medziphema	March 27-28, 2014
2	28 days Orientation program at University of Hyderabad	Hyderabad	January 8-February 4, 2015
3	Participated in training on “Biotechnology and its application in agriculture” at SASRD, Medziphema Funded by DBT	NU: SAS, Medziphema	June 3-9, 2016
4	21 days winter school on “Role of Agri Business and Market Intelligence for Sustainable Agriculture Development” at SASRD, Medziphema	NU: SAS, Medziphema	September 6-26, 2016
5	21 days of Scientific Training on Agricultural Research Methodologies Practices and their Management	Online	October 4-24, 2021
6	3 days National Workshop on Research & Development	Online	October 21-23, 2021
7	One Week Online Faculty Development Program On Advanced Research Methodology	Online	March 21-27, 2022
8	21 days training cum workshop program on “A futuristic step towards smart agriculture and sustainable urban farming”	Online	April 30-May 20, 2022
9	Faculty Development Programme on "Effective strategies for Increasing Citations: A zero tolerance to self citations"	Online	February 18, 2023
10	2 weeks inter-disciplinary international FDP program on “Application of different statistical tools and their effectiveness in Rsearch	Online	March 23- April 7, 2023

	Methodology”		
11	1 Month International Training cum Certificate Course on“ Precision Agriculture: Farming with new perspectives”	Online	May 15- June 13, 2023
12	Online Refresher Course on Millets (Shree Anna) - Model Crops for Sustainable Farming, Value Addition, Entrepreneurship Development and Nutritional Security (RCSA2023)	Online	September 7-27, 2023

6. Research guidance:

Sl. No.	Name of student	Title of Thesis	Degree	Year of award
1	Ms. WatisenlaImsong	Effect of different sources of organic nutrients on the performance of greengram (<i>Vigna radiata</i> L. Wilczek)	M. Sc. (Agriculture)	2015
2	Mr. Tokivi	Effect of spacing and age of seedling on yield of rice under system of rice intensification	M. Sc. (Agriculture)	2015
3	Ms. PhyobeniMozhui	Growth and yield performance of soybean (<i>Glycine max</i> L. Merrill) varieties under rainfed condition of Nagaland	M. Sc. (Agriculture)	2016
4	Ms. Nengkhonem Hangsing	Effect of spacing and levels of phosphorus on the growth and yield of green gram (<i>Vigna radiata</i>)	M. Sc. (Agriculture)	2017
5	Ms. P. C Lallawmzuali	Effect of levels and sources of sulphur on sesamum (<i>Sesamum indicum</i> L.) under rainfed condition of Nagaland	M. Sc. (Agriculture)	2020

			.)	
6	Mr. P Raja Kumar Reddy	Effect of integrated weed management on weed dynamics in blackgram (<i>Vigna mungo</i> L.)	M. Sc. (Agri.)	2021
7	Ms. AidapbiangThongni	Response of summer blackgram (<i>Vigna mungo</i> L. Hepper) to planting geometry and weed management under Nagaland condition	M. Sc. (Agri.)	2021
8	Ms. RuthKimthenvah	Effect of different dates of sowing and spacing on growth and yield of linseed (<i>Linum usitatissimum</i> L.) under Nagaland condition	M. Sc. (Agri.)	2022
9	Ms. Anjali Taku	Response of summer blackgram (<i>Vigna mungo</i> L. Hepper) to non-chemical weed management techniques under Nagaland condition	M. Sc. (Agri.)	2022
10	Mr. Rajaram Jat	Effect of integrated nutrient management on the performance of green gram (<i>Vigna radiata</i> L. Wilczek) under rainfed condition	M. Sc. (Agri.)	2023
11	Mr. Sungpha P Phom	Effect of sowing dates and varieties on growth and yield of finger millet (<i>Eleusine coracana</i>) under rainfed condition of Nagaland	M. Sc. (Agri.)	2023
12	Ms. WatisenlaIm song	Effect of sulphur and zinc fertilization for biofortification in soybean (<i>Glycine max</i> L. Merrill) under Nagaland condition	Ph. D. (Agri.)	2023

7. Ongoing research guidance:

Sl.	Name of student	Title of Thesis	Degree
-----	-----------------	-----------------	--------

No.			
1	Mr. Anil Kumar Sharma M-1565/22	Bio-efficacy of selective herbicides and their effect on growth, yield and quality of soybean (<i>Glycine max</i> L.)	M. Sc. (Agri.)
2	Ms. Florence M-1560/22	Effect of sowing methods on the performance of soybean (<i>Glycine max</i> L.) varieties	M. Sc. (Agri.)
3	Mharoni O Ovung M-1651/23	Synopsis not held	M. Sc. (Agri.)
4	Rasmiranjan Moharana M-1752/23	Synopsis not held	M. Sc. (Agri.)
5	Mr. Zulutemjen Jamir	Response of kharif groundnut (<i>Arachis hypogaea</i> L.) to planting geometry and levels of NPK under different dates of sowing	Ph. D. (Agri.)
6	Ms. Shivani Kumari Ph.-290/19 Regn. No. Ph.D./AGR/00329	Effect of tillage practices and seaweed-sap on sweet corn (<i>Zea mays saccharata</i> L.)	Ph. D. (Agri.)
7	Ms. Kili V Awomi Ph-345/22	Response of finger millet [<i>Eleusine coracana</i> (L.) Gaertn.] to nano urea and integrated weed management	Ph. D. (Agri.)
8	Ms. Surotsala Y Sangtam Ph-WS-17/24	Synopsis not held	Ph. D. (Agri.)

8. Practical manuals:

AGR-102: Water management including micro-irrigation

AGR-103: Principles of Agronomy and Agricultural Meteorology

AGR-201: Crop production technology I(*Kharif* Crops)

AGR-204: Modern concepts in water management

AGR-303: Practical Crop Production

AGR-306: Principles of Organic Farming

DECLARATION BY THE CANDIDATE

I, hereby declare that the information and enclosures provided above are correct & complete to the best of my knowledge and belief.

Date: 26/03/2024

Dr. Lanunola Tzudir
Assistant Professor
Department of Agronomy
NU: SAS, Medziphema