

BIO-DATA

I. Personal Information:

Name :Dr. Sentimenla

Occupation: Asst. Professor (Soil Science)

Correspondence Address:SAS, Nagaland University,
Medziphema -797106

Date of Birth :10/02/1985

Marital Status :Married

Sex :Female.

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Nationality: Indian

II. Educational Qualifications:

B.Sc (Agri): 2004-08, SAS, NU:Medziphema

M.Sc ((Agril. Chemistry & Soil Sc.): 2008-10, SAS, NU:Medziphema

Ph.D ((Agril. Chemistry & Soil Sc.)): 2018-2022, SAS, NU:Medziphema

(Specialisation area: Soil fertility/ Plant nutrition)

III. Dissertation Titles:

1. M.Sc (Agri) (Agril. Chemistry & Soil Sc.)–

Effect of Phosphorus and Boron on Growth, Yield and Quality of Soybean (*Glycine max* L. Merrill)

2. Ph.D (Agri) (Agril. Chemistry & Soil Sc.)–

Response of Soybean (*Glycine max* L. Merrill) to Sources and Levels of Zinc

IV. Work/Employment Experience:

1) Watershed Development Team, Land Resources Department (2010-2011)

2) Block Technology Manager, (ATMA), Department of Agriculture (2011-2012)

- 3) Subject Matter Specialist (Soil Sc), Krishi Vigyan Kendra, Nagaland University, Lumami (2012-2017)
- 4) Asst. Chief Technical Officer (Soil Sc), Krishi Vigyan Kendra, Nagaland University, Lumami (w.e.f2017-till may 2023)
- 5) Asst. Professor (Soil Science)(10thMay 2023 – till date)

V. Research Papers Published:

1. Sentimenla., Singh, A. K. and Singh, S. 2012. Response of soybean to phosphorus and boron fertilization in acidic upland soil of Nagaland. *Journal of the Indian Society of Soil Science*, 60. 167-170.
2. Sentimenla., Singh, A. K., Singh, Mandhata. and Gupta, R. C. 2013. Effect of phosphorus and boron on production potential, profitability and efficiency indices of soybean. *Soybean research*,11(2), 79-85.
3. Sentimenla., Singh, A. K. and Merasenla. 2022. Effect of zinc sources on nutrient content and uptake in soybean [*Glycine max* (L.) Merrill] under the acidic soil conditions of Nagaland. *Legume Research*. 45(4): 502-506.
4. Sentimenla, Singh, A. K., Ao, Merasenla., Gadi, Yabi. and Singh, S. K. 2022. Oil content and fatty acid composition of soybean seed influenced by various zinc sources under fine typic Kanhapludalf soil. *Agricultural Mechanisation in Asia*, 53(03).
5. Tep, Asa., Gadi, Yabi., Singh, A. K. and Sentimenla. 2022. Effect of land use changes on soil properties in northeast India. *Agropedology*, 32 (02), 240-252.
6. Jamir, A., Sentimenla. and Gohain, T. 2022. Response of phosphorus and biofertilizers on growth, yield attributes and economic indices of black gram (*Vigna mungo* L. Hepper). *International Journal of Environment and Climate Change*, 12(11): 3793-3801.
7. Sentimenla. 2020. Status of zinc availability in jhum fields under rainfed condition in Zunheboto district of Nagaland. *International Journal of Plant and Soil Science*, 32(20), 25–30.

8. Marbaniang, Evaliesa E., Ao, Engrala., Sentimenla., Gadi, Yabi and Singh, A. K. 2020. Effect of phosphorus and sulphur on growth, yield and quality of mungbean (*Vigna radiata* L. Wilczek). *Journal of Soils and Crops*, 30 (1) 56-62.
9. Sentimenla. 2020. Acid soil management in jhum fields of maize under Zunheboto district of Nagaland. *International Journal of Plant & Soil Science*, pp. 46-49.
10. Sentimenla. 2021. Response of paddy straw mulching and farmyard manure in colocasia under jhum fields in Zunheboto district of Nagaland. *International Journal of Agriculture, Environment and Biotechnology*, 14(03): 469-473.
11. Kihika, G., Gadi, Y., Sentimenla, Singh, A. K. and Sharma, S. K. 2021. A study on the physicochemical properties of soils of *jhum* and terrace fields under rice cultivation in Kiphire district of Nagaland. *International Journal of Ecology and Environmental Sciences*, Vol. 3(2):35-38.
12. Sentimenla. 2020. Response of soybean (*Glycine max* L. Merrill) to biofertilizer and FYM in the jhum fields under Zunheboto districts of Nagaland, India. *International Journal of Current Microbiology and Applied Sciences*, 9(6): 126-130.
13. Lyngkhoi, F. N., Sentimenla and Singh, A. K. 2020. Response of soybean to different levels of phosphorus and sulphur on growth, yield and quality. *Journal of Soils and Crops*, 30(1), 49-55.
14. Kihika, G., Sentimenla., Gadi, Y. 2021. Study on the soil acidity and lime requirement in jhum fields under rice cultivation. *International Journal of Ecology and Environmental Sciences*, Vol. 3(2):104-106.
15. Sentimenla. 2020. Assessment of the soil chemical properties, macro and micro nutrients using soil test kit and soil health card distribution in Zunheboto district of Nagaland, India. *International Journal of Current Microbiology and Applied Sciences*, 9(5): 2431-2435.
16. Jamir, A., Gohain, T. and Sentimenla. 2022. Effect of phosphorus and biofertilizers on soil physico-chemical properties and nutrient uptake by black gram (*Vigna mungo* L. Hepper) under rainfed condition of Nagaland. *The Pharma Innovation*, 11(5): 1255-1258.

17. Imtinuksung and Sentimenla. 2022. Response of paddy straw and weed biomass mulching on growth, yield and economic performance of ginger (*Zingiber officinale*). Journal of Plant Development Sciences, Vol. 14(7): 657-660.

VI. Book Published:

1. Organic farming – Challenges and prospects in NE India, 2021 (ISBN: 978-93-90719-07-5) – Sentimenla, Moakala, Shubham and Yabi
2. Response of Soybean to Phosphorus and Boron in Acid Soils of Nagaland, 2021 (ISBN: 978-620-0-78694-4) – Sentimenla Jamir
3. A farmer's guide on improving soil fertility and postharvest management and value addition in crops, 2023 (ISBN: 978-93-95632-63-8)- Sentimenla, Edenly Chishi and Narola Anichari

IX. Awards/Achievements:

- 1) Gold Medalist in M.Sc. (Agril. Chemistry and Soil Science), NU, 2010.
- 2) Best research paper award from the Society for Technology, Environment, Science & People, Kozhikode, 2021.
- 3) Research Excellence Award 2022 from InSc Institute of Scholars.
- 4) Young KVK Professional award from The Indian Society for the Promotion of Agricultural Sciences (TISPAS), Nagaland, 2021.

X. Project Involvement:

Officer Incharge of Natural Farming Project w.e.f Sept 2022 – April 2023
funded by Dept of A&FW, GOI

XI. Teaching experiences:

Supervising M.Sc students of Forestry Department, NU Lumami on Soil
Chemical Analysis w.e.f Oct 2022 – April 2023

XI. Others:

- 1) Lifetime member of InSc International Publishers (IIP)
- 2) Excellence in Reviewing: 4