**MUSTAPHA SUNUSI PhD.**

Department of Crop science

Faculty of Agriculture

Federal University Dutse

Mobile: +234 80 674282472

Email: musunusi@fud.edu.ng

**PERSONAL DETAILS:**

* Date of Birth: 2nd August, 1984
* Sex: Male
* Marital Status: Married
* Nationality: Nigerian
* State of Origin: Kano

**EDUCATION QUALIFICATIONS:**

* Doctor of Philosophy (Crop Genetics & Breeding) 2020
* Master of Science – Crop Biotechnology 2015
* Bachelor of Agriculture – Crop Science (Second Class Upper) 2009
* SSCE Certificate 2001
* Primary Leaving School Certificate 1995

**EDUCATIONAL INSTITUTES ATTENTED:**

* 2016-2020 Zhejiang University Hangzhou, China
* 2013-2015 Shenyang Agricultural University, China.
* 2005-2009 Kano University of Science & Technology Wudil, Nigeria,
* 1995-2000 Government College Birnin – Kudu, Jigawa, Nigeria
* 1989-1995 Gwale Special Primary school, Kano, Nigeria

**COMPUTER SKILLS PROFICIENT**

* Microsoft offices (Excel, Power Point and Word) SAS software, SPSS software Mendeley software, Origin software, Primer 5, Prism, Image J. Python. R Statistical tool etc.

**MEMBERSHIP OF PROFESSIONAL BODIES**

|  |
| --- |
| * Member, Agricultural Society of Nigeria (ASN)
* Member Farm Management Association of Nigeria (FMAN)
* Member Genetics Society of Nigeria (GSN)
* Member Plant Breeding Association of Nigeria (PBAN)
 |

**NON–FORMAL TRAINING**

* Training on Triple baggage Cowpea Storage. Bill & Melinda Gate Foundation, 2012
* International Workshop on Seed Production Technology, Huazhong Agricultural University Wuhan PRC. 2014
* International Workshop on Safe Production of Grain. Chinese Ministry of Science & Technology conducted at Shenyang Agricultural University PRC. 2015
* International Workshop on Plant Genomics, Zhejiang University Hangzhou PRC. 2018
* International Workshop on Production and Breeding of high yielding Wheat Cultivars, Nanjing Agricultural University PRC.
* Training on International Computer Driver’s License. (ICDL) Federal University Dutse. 2021
* Advance Digital Application Programme for Tertiary Institution Training (ADAPTI) Dutse. 2022

**WORK EXPERIENCE**

1. **Graduate assistant** (2013-2015)

Department of Crop Science, Faculty of Agriculture, Federal University Dutse, Jigawa state, Nigeria.

 6) **Assistant Lecturer** (2015- 2016)

 Department of Crop Science, Faculty of Agriculture, Federal University Dutse, Jigawa state, Nigeria

 7) **Lecturer II** (2016-2019)

 Department of Crop Science, Faculty of Agriculture, Federal University Dutse, Jigawa state, Nigeria

8) **Lecturer I** (2019- 2022)

 Department of Crop Science, Faculty of Agriculture, Federal University Dutse, Jigawa state, Nigeria

9) **Senior Lecturer** (2022- Date)

 Department of Crop Science, Faculty of Agriculture, Federal University Dutse, Jigawa state, Nigeria

 **Mentee**

 Agro Processing Productivity Enhancement and Livelihood Improvement Support Project (Woman & youth Specialist) Mentee 2022

**AWARDS**

|  |
| --- |
| 1. Kano State Government Postgraduate Scholarship MSc 2013-2015
2. Chinese Government Scholarship (CSC) PhD 2016 – 2020
 |

**Courses Taught & Examined for Undergraduate & Postgraduate**

|  |
| --- |
| 1. CRS 203 Crop Anatomy Physiology & Taxonomy
2. CRS 203 Principles of Crop Production
3. CRS 304 Plant Genetics & Breeding
4. CRS 306 Physiology of Plant Growth
5. AGR 302 Experimental Design
6. CRS 504 Plant Breeding
7. CRS 505 Plant Physiology
8. CRS 508 Pasture & Range Land Management
9. CRS 507 Advance Plant Genetics
10. CRS 509 Principles of Seed Science
11. CRS 502 Post harvest Physiology
12. CRS 305 Principles of Horticulture
13. CRS 501 Floriculture & Landscape design
14. CRS 308 Principles of Horticulture
15. CRS 502 Post harvest Physiology.
 |

  **University Administration & Responsibilities Held**

|  |
| --- |
| 1. Level coordinator
2. Student Industrial Work Experience Scheme coordinator
3. Student Practical Year coordinator
4. Member Department academic Development committee
5. Member Departmental Accreditation committee
6. Faculty Board member
7. Secretary Departmental Quality Assurance committee
 |

**PUBLICATIONS**

|  |
| --- |
| 1. **Mustapha Sunusi ,** Asadullah Khan, Yohannes Tsago, Ziyan Chen, Chunhai Shi and Xiaoli Jin (2022)Genetic analysis and gene mapping of *bgl,* a gene controlling grain length and quality in rice Indian J. Genet. Plant Breed., (2022) 82(1): 16-24
2. **Mustapha Sunusi**, Zhangkang Wang, Yohanness Tsago, Jamal Adam Eshaq, Jianlin Lu. Asadullah Khan. Ziyan Chen. Chunhai Shi and Xiolin Jin (2021) Fine Mapping and Candidate Gene Analysis *Osgl* a gene regulating grain shape and quality in japonica rice. Zemdirbyste- Agriculture. Vol 108, No 3 (2021) p 263-270
3. Shamsu A.Z, **Mustapha S.** Aliyu, A.N and Faisal K.S (2021) Sequential and positional Variation in non-structural carbohydrate and soluble protein in rice leaf sheath with differential response to nitrogen supply. Nigerian Journal of Science & Research. A Publication of Yusuf Maitama Sule University Vol 2 issue 1 2021. P 275-292
4. A. Khan, S. Jalil. H. Cao, **M. Sunusi,** Y. Tsago. J. Chen C.H. Shi and X.L. Jin (2021) Identification and Fine Mapping of candidate gene for yellow leaf mutant (*ygl*54) exhibiting yellow leaf color in rice. Russian Journal of Plant Physiology
5. Shamsu Ado Zakari. Syed Hassan Raza. **Mustapha Sunusi** and Kabiru Dawaki Dauda (2021) Nitrogen deficiency regulates premature senescence by modulating flag leaf function, ROS homeostasis, and intercellular sugar concentration in rice during grain filling. Journal of genetic engineering and Biotechnology
6. **SUNUSI, M.** Lurwanu, Y. Sualiman, A.S and Zamfara, M.I (2019) Zinc Biofortification of Rice (*O. sativa.* L) Breeding and Agronomic Approaches Status and Challenges for its Adoption in Sub-Saharan African Countries. FUDMA Journal of Science Vol. 3. 1, March 2019, pp 291-298
7. **SUNUSI, M.** Lurwanu, Y. Halidu, J and Musa, H (2018) CRISPR CAS System in Plant Genome Editing A new Opportunity in Agriculture to Boost Crop Yield. UJMR. Vol.3.1. June, 2018 ISSN: 2616-0668. Pp104-114
8. **SUNUSI, M.** Ado, Z. S and Ibrahim, A. K (2018) Molecular Breeding and Physiological Mechanism of Developing Salt- Tolerance in Rice Plant (*O. sativa.* L) FUDMA Journal of Science FJS Vol.2.3 September, 2018, pp. 188-195
9. **M. SUNUSI.** Y. Lurwanu. Sulaiman. A.S and Musa, H. (2019) Effect of Phytohormones on Yield and Yield Composition of Ratoon Rice. DUJAFS JUNE 2019, pp 38-43
10. Lurwanu, Y. **SUNUSI, M.** Haruna, S.G. and Muhammad, M.A (2018) Incidence and Severity of Downy Mildew of Peal Millet (*Pennisetum Glaucum* (L. RBR.) in Gaya Local Government. FUDMA Journal of Agriculture and Agricultural Technology ISSN: 2504-9496 Vol.4.1 June 2018 pp 61-69
11. Yahuza, Lurwanu. **M. SUNUSI** (2018) Isolation, Characterization and Identification of Pathogenic Fungal species associated with Mango Anthracnose in Northwest Nigeria. Bulgerian Journal of Crop Science, A publication of Bulgerian Academy of Agricultural Institute
12. Ibrahim, A.K. **SUNUSI, M.** (2019) Evaluation of the Performance of Eighty one Maize Entries for Yield and Other Agronomic Traits. FUDMA Journal of Science. Vol 3.1 March 2019, pp 387-417
13. Bolanle T. Edun. Yahuza Lurwanu. **M. SUNUSI.** And Rabiu, S.A (2019) Effect of Storage Methods and Management of Sweet Potato on the Incidence of Tuber rot Induced by *Rhizopus stolonifera* In KANO. Journal of Tropical Crop Science. Boogar Agricultural University Indonesia Vol. 6.1 February 2019
14. Sulaiman, A. S., Gambo, M.S and **SUNUSI M.** (2019) An Invitro Antagonistic Effect of *Trichorderma* spp. Against *Fusarium oxysporum f.sp Lycosperisici* FUDMA Journal of Science Vol.3.1. March 2019, pp 369-374
15. Lurwanu, Y. Tijjani, I. **M.SUNUSI** and Zarafi, A.B. (2019) Survey of Mango *Anthracnose colleotriticum gloesporiodes* (PENZ) Sacc in four Agro-Ecological Zones of Nigeria, Journal of Agriculture and Agricultural Technology FUDMA JAAT. 42. 34
16. Musa. H. Nusaiba, S.A. Tijjani, A. Hassan, M.A. **SUNUSI, M** (2018) Morphological Characterization of Trichorderma spp and Their efficacy as Biocontrol Agents Against *Ganoderma boninense* in vitro. Nigerian Journal of Plant Protection Vol.32.2 pp 152-166
17. **M.SUNUSI**. Y, Lurwanu. Xie, Futi. (2015) Genetic Diversity of Shenyang Soybean Landrace based on Simple Sequence Repeat (SSR) Markers, Proceedings of the 49th Annual Conference of Agricultural Society of Nigeria (ASN) DELTA 2015 pp 772
18. **M.SUNUSI**. Y, Lurwanu. Xie, Futi. (2015) Genetic Diversity of Shenyang Soybean Landrace based on Simple Sequence Repeat (SSR) Markers, Proceedings of the 49th Annual Conference of Agricultural Society of Nigeria (ASN) DELTA 2015 pp 772
19. **M SUNUSI**. IB. Salisu. Jia Yuan (2015) Assessment of Genetic Diversity in some Soybean Germplasm Based on Simple Repeat SSR Markers Proceedings of the 39th Annual Conference of Genetic Society of Nigeria
20. Y. Lurwanu. **M. SUNUSI**. AG. Gaya (2015) Symptoms Development of Fungi Associated with Anthracnose of Mango using Three Inoculation Methods Proceedings of the 49th Annual Conference of Agricultural Society of Nigeria (ASN) DELTA 2015 pp 631
21. I. B. Salisu. A.S. Abubakar. **M. SUNUSI** (2015) Genetically Modified Organism (GMOs) And Their Release in to The Environment: A review Proceedings of the 39th Annual Conference of Genetic Society of Nigeria. Bauchi 2015
22. Musa, H. Nusaiba. S.A. Tijjani. A. Hassan M.A. **SUNUSI. M** (2018) Involvement of Oil Palm Antioxidant Enzymes and Total Phenolic Content in *Ganoderma Boninense- Trichorderma spp* interaction 11th African Farm Management Association Congress Abuja 2018.
 |

**REFEREES**

|  |
| --- |
| Professor Auwalu Ibrahim Magashi (PhDDepartment of Crop Science,Faculty of Agriculture & Agricultural Technology Kano University of Science & TechnologyEmail: magashia@yahoo.comTel:+234-8023627191Dr Haruna Yakubu (PhD)Head of Department Crop ScienceFaculty of AgricultureFederal University DutseEmail: hyakubu2@gmail.comTel:+234-8087886028Dr Yahuza LurwanuDepartment of Crop ProtectionFaculty of AgricultureBayero University KanoEmail: ylurwanu.cpp@buk.edu.ng Tel:+234-8030615624 |