

## 1. PROF O.S. ONIFADE

### Brief Biography of Prof. O. S. Onifade

Prof. Olufemi Sunday Onifade was born sixty eight years ago. He grew up in Offa, Kwara state as a child up to 1965 and went to Minna, in Niger state to complete the Primary school education. He proceeded to Baptist High School, Jos for the secondary education up to 1972. Femi attended Ahmadu Bello University (ABU) Zaria for the pre degree and degree programmes in B.Sc. (Agric.). He obtained both the M. Sc. and Ph.D degrees in Animal Science from the same institution.

Prof. Onifade commenced his career in Forage Agronomy and Utilization at the National Animal Production Research Institute (NAPRI), ABU, Shika, Zaria in 1978 after the Youth Service Scheme. While in Zaria he was involved in teaching, research and extension activities within and outside the University. He coordinated many research projects and served in different capacities in the institute / University. Prof. Onifade collaborated with international bodies / organizations such as GTZ, IITA, ILCA/ILRI, African Feed Resource Network (AFRNET), and national agencies: Federal Ministry of Agriculture and Natural Resources (FMARD), states Ministries of Agriculture, among others on different research/ extension projects. In addition, he taught courses and supervised post graduate students of the Department of Animal Science, Faculty of Agric. ABU, Zaria.

In July, 2000, Prof. Onifade transferred his services to the Federal University of Agriculture, Abeokuta and was promoted to the rank of Professor in 2005. He served as Ag. Head of Department, Pasture and Range Management, Deputy Dean, College of Animal Science and Livestock Production (COLANIM), Dean, Student Affairs, Director, Centre for Entrepreneurial studies and as member of some committees in the University. Prof. Onifade has supervised 142 undergraduate projects, 26 M. Agric. dissertations and 9 Ph. D. theses in areas of forage production, conservation, utilization and ruminant nutrition. He has authored and co-authored 52 journal articles and 25 conference proceedings. Prof. Onifade presented his inaugural lecture on April 26, 2017.

Prof. Onifade was the President of the Society for Grassland Research and Development in Nigeria (SOGREDEN) from 2010 to 2017. He represented the Range and Pasture Discipline in the Council of the Nigerian Institute of Animal Scientists (NIAS). He is married to Prof. Comfort Onifade and they are blessed with children and grandchildren. Apart from scientific endeavours, Prof. Onifade enjoys travelling and as a lover of gospel songs he still ministers as a chorister in the church.

### PERSONAL

Name in Full:	<b>ONIFADE, Olufemi Sunday</b>
Contact Address:	Department of Pasture and Range Management, College of Animal Science and Livestock Production, Federal University of Agriculture, P.M.B. 2240, Abeokuta. Ogun State, Nigeria.
E-mail Addresses:	<a href="mailto:onifadeos@funaab.edu.ng">onifadeos@funaab.edu.ng</a> ; <a href="mailto:femipasture@gmail.com">femipasture@gmail.com</a>
Phone Number:	+2348037163500
Rank:	Professor
Designation:	Lecturer
Research gate address:	Onifade O S
LinkedIn address:	<a href="mailto:onifadeos@funaab.edu.ng">onifadeos@funaab.edu.ng</a>
Google Scholar address:	Onifade, Olufemi Sunday
ORCHID number:	0000-0001-5490-9613
Qualification:	Ph.D Animal Science

#### Membership of Professional bodies:

- i. Nigerian Institute of Animal Science (NIAS/RAS/00625)
- ii. Nigerian Society for Animal Production
- iii. Animal Science Association of Nigeria
- iv. International Grassland Congress
- v. International Rangeland Congress
- vi. Society for Grassland Research and Development in Nigeria

Research conducted:

- i. Growth and production of three grasses under three multipurpose trees
- ii. Legume based pellets as dry season feed resources for ruminant animals.
- iii. Mitigating the impact of pastoral/nomadic grazing on the natural ecosystem and rural livelihoods in Yewa division of Ogun State.
- iv. Development of novel technologies for utilization of toasted *Enterolobium cyclocarpum* foliage and seeds for dry season feeding of ruminant animals.
- v. Evaluation of forage crops for silage production.
- vi. Evaluation of types of green manure for forage production.
- vii. Agronomic evaluation of *Andropogon tectorum* in the natural pastures.

Conferences attended:

International Grassland Congress

International Rangeland Congress

Joint Animal science association of Nigeria (ASAN) and Nigerian Institute for Animal Science (NIAS) conferences

Nigerian Society for Animal Production (NSAP)

Publications:

**Articles in learned Journals**

1. **Onifade, O.S.** and Akinola, J.O. (1986). Effect of seeding ratio and sowing method on the production of Rhodes grass/stylo swards in the Northern Guinea Savanna of Nigeria. *J. Anim. Prod. Res.* 6: 29-37.
2. **Onifade, O.S.**, de Leeuw, P.N. and Kera, B.S. (1990). Effects on forage yields of oversown *Stylosanthes* spp. in sown pastures at Shika, Nigeria. *J. Animal Prod. Res.* 10:31-39.
3. **Onifade, O.S.** and Akinola, J.O. (1990). Effects of nitrogen and cutting management on the performance of Rhodes grass/stylo swards. *J. Anim. Prod. Res.* 10:41-48.
4. Omokanye, A.T. and **Onifade, O.S.** (1993). Effect of storage and scarification time on seed germination of Centro (*Centrosema pubescens*). *Seed Research (India)* 21: 21-25.
5. Omokanye, A.T., Amodu, J.T. and **Onifade, O.S.** (1995) Effect of post scarification storage period on seed germination of *Leucaena leucocephala*. *Seed Res. (India)* 23:88-90.
6. Omokanye, A.T., Amodu, J.T. and **Onifade, O.S.** (1996). Effects of phosphorus and harvest time on dry matter yield, nitrogen and phosphorus contents of horsegram (*Macrotyloma uniflorum*). *Tropicultura (Belgium)* 14: 73-76.
7. Kaleja, V., Tarawali, S.A., Peters, M., **Onifade, O.S.** and Schultze Kraft R (1996). Collecting indigenous forage legumes in northern Nigeria. *Plant Genetic Resources Newsletter.* 107, 31-35.
8. Lakpini C A M, Balogun B I, Alawa J P, **Onifade O. S** and Otaru, S.M. (1997). Effects of graded levels of sun dried cassava peels in supplement diets fed to Red Sokoto goats in the first trimester of pregnancy. *Animal Feed Science & Tech.* 67:197-204.
9. **Onifade, O.S.**, Adamu, A.M. and Agishi, E.C. (1999). The effect of time of initial cutting on forage yield and quality of three pasture grasses at Shika, Nigeria. *Nig. J. Animal Prod.* 26:93-97.
10. Omokanye, A.T., **Onifade, O.S.**, Amodu, J.T. & Balogun, R.O. (2000). Effect of phosphorus application on seed production of horsegram (*Macrotyloma uniflorum*). *Seed Research (India)* 28:145-148.
11. Amodu, J.T., Omokanye, A.T., **Onifade, O.S.** (2000). The effect of hot water and acid treatment on early establishment of *Leucaena leucocephala*. *Seed Research (India)* 28:226-228.
12. Omokanye, A.T., **Onifade, O.S.**, Olorunju, P.E., Adamu A.M., Tanko, R.J. and Balogun R.O. (2001). The evaluation of dual purpose groundnut (*Arachis hypogaea*) varieties for fodder and seed production at Shika, Nigeria. *J. Agric. Sci. (Camb)* 136: 75-79.
13. Omokanye A.T., **Onifade, O.S.** Amodu J.T. and Kallah, M.S. (2001). **Research note:** The performance of forage germplasm in a screening trial at Shika, Nigeria. *Trop. Grasslands*, 35:48-52.

14. **Onifade, O.S.** Omokanye and Amodu J.T. (2001). The influence of seed rate and fertilizer type on growth of *Tridax procumbens* in sub humid Nigeria. *Tropicultura* (Belgium)19:70-74.
15. Omokanye, A.T. Balogun R.O. **Onifade O.S.**, Afolayan R.A. and Olayemi M.E. (2001). Assessment of preference and intake of browse species by Yankasa sheep at Shika, Nigeria. *Small Ruminant Research* 42: 203-210.
16. Amodu, J.T., Kallah, M.S. **Onifade, O.S.**, Omokanye A.T. and Adeyinka I.(2001). The effect of harvesting at different growth stages on yield and quality of three late maturing pearl millet accessions in Northern Nigeria. *Tropical Grasslands* 35:175-179.
17. **Onifade O.S.**, Adu I.F. and Akinola J.O. (2002). Effect of stocking rate on Rhodes grass/stylo pasture in Northern Guinea Savanna Zone of Nigeria. 2. Plant and animal performance. *Nig. J. Anim. Prod.* 29: 55- 63.
18. Omokanye A.T., Olorunju P E, **Onifade O. S.** and Olaosebikan ,I (2002). On-farm assessment of selected dual purpose groundnut cultivars for food and feed. *Nig. J. Anim. Prod.* 29: 299- 307.
19. Omokanye, A. T., **Onifade, O. S.**, Adeyinka, I. A. and Tanko, R. J. (2002). Effect of seeding rate and sowing method on seed yield and yield components of horsegram (*Macrotyloma uniflorum*). *Seed Res. (India)* 30: 51-55.
20. Omokanye, A. T., **Onifade, O. S.**, Amodu, J. T., Balogun, R. O. and Kallah, M. S. (2003) Evaluation of dual-purpose cowpea (*Vigna unguiculata*) varieties for grain and fodder production at Shika, Nigeria. *Tropicultura* (Belgium) 21: 42-46.
21. Amodu, J.T. **Onifade, O.S.**, Kallah, M.S., Adeyinka I. A.,and Alawa, J.P. (2003). Sowing date and spacing influence on fodder and seed yields of lablab in northern guinea savanna of Nigeria. *ASSET Series A.* 3: 53-58.
22. Omokanye A.T., Amodu J.T. and **Onifade O.S.** (2004) Influence of intra-row plant spacing, phosphorus application and growth stage on the forage, seed yields and quality of phasey beans (*Macroptilium lathyroides*) in subhumid area of Nigeria. *Nig. J. Anim. Prod.* 31: 45-50.
23. **Onifade, O. S.**, Jolaosho, A. O., Arigbede, O. M., Fageyinbo, O.O and Oyeladun, A.M. (2005). Effects of seed rates and sowing methods on the growth and forage production of *Tephrosia bracteolate* in South West Nigeria. *Trop. J. Anim. Sci.* 8: 63-68.
24. Jolaosho, A. O.; Arigbede, O. M., **Onifade, O. S.**; Olanite, J. A. and Akinola, T.O. (2005). Population viability and size of seeds recovered from the faeces of ruminant animals in the early rainy season. *Trop. J. Anim. Sci.* 8: 109-114.
25. Olanite, J. A.; Arigbede, O. M.; Jolaosho, A. O. **Onifade, O. S.**; and Alabi, B.O. (2006). Effect of cutting intervals on the dry matter yield and nutritive quality of two varieties of *Panicum maximum* in the humid zone of Nigeria. *ASSET. Series A* 6: 171-180.
26. Jolaosho, A O , Oduguwa, B O , **Onifade, O S** , Babayemi, J O (2006). Effects of ingestion by cattle and immersion in hot water and acid on the germinability of rain tree (*Albizia saman*) seeds. *Trop. Grassl.* 41: 244-253.
27. Amodu, J T ,**Onifade, O S**, Adeyinka, I A, Jegede, J O and Afolayan, S B (2007). The effect of stock length, stock diameter and planting angle on early establishment of *Gliricidia sepium*. *Pakistan J. Biol. Sci.* 10: 632-636.
28. Anele, U Y, Arigbede, O M, Olanite, J A , Adekunle, I O , Jolaosho, A O , **Onifade, O S** and Oni, A O (2008). Early growth and seasonal chemical composition of three indigenous multipurpose tree Species MPTS in Abeokuta, Nigeria. *Agroforest Systems.* 73: 89-98.

29. Arigbede, O M, Anele, U Y, Jolaosho, A O , Olanite, J A, **Onifade O S** and Wahab, T A (2008). Chemical composition and *in vitro* gas production of African Breadfruit (*Treculia africana*) ar.Decne. *Archivos de Zootecnia* 57:113-121.
30. Arigbede, O M , Anele, U Y, Oduguwa, B O Jolaosho, A O , Olanite, J A and **Onifade, O S** (2008). Replacement value of soybean haulms meal in the diets of West African Dwarf goats. *Archivos de Zootecnia* 57:369-372.
31. Oni A O, Onwuka, C F I, Oduguwa, O O, **Onifade O S** and Arigbede, O M (2008). Utilization of citrus/Pulp based diets and *Enterolobium cyclocarpum* (Jacq.Griseb ) foliage by West African Dwarf goats. *Livestock Science*, 117:184-191.
32. Olanite, J A , Anele, U. Y., Arigbede, O M, Jolaosho, A O and **Onifade, O S** (2010) Effect of plant spacing and nitrogen fertilizer levels on the growth, dry matter yield and nutritive value of Columbus grass (*Sorghum almum* stapf) in southwest Nigeria. *Grass and Forage Science*, 65:369 -375.
33. Akinola, J O, Iji, P A and **Onifade, O S** (2010) Effects of seeding rates, row spacing and nitrogen and phosphorus fertilizer on forage yield and quality of *Stylosanthes scabra* cvv. Seca and Fitzroy in south - western Nigeria. *Tropical Grasslands*, 44: 282 - 288.
34. Oni, A. O., Onwuka, C.F.I., Arigbede, O.M., Anele, U.Y., Oduguwa, O.O. **Onifade, O.S.** and Tan, Z.L. (2011). Chemical composition and nutritive value of four varieties of cassava leaves grown in South-Western Nigeria. *Journal of Animal physiology and Animal Nutrition*, 95: 583 - 590.
35. Adedire, A.O., Oduguwa, O.O., Edema, M.O., **Onifade, O.S.** and Onwuka, C.F.I. (2012). Performance and nutrient utilization of rabbits fed diets based on crop residues fermented with *Rhizopus oligosporus*. *Nigerian Journal of Animal Production*, 39(1):114 - 121.
36. Oni, A O, Arigbede, M O, Sowande, O S, Anele, U Y, Oni, O O, Onwuka, C.F. I, **Onifade, O S**, Yusuf, K O, Dele, P A and Aderinboye, R Y. (2012). Hematological and serum biochemical parameters of WAD goats fed dried cassava leaves based concentrate diets. *Trop. Animal Health & Production*, 44: 483 - 490.
37. Olanite, J. A, Ewetola, I. A, **Onifade, O S**, Oni, A .O, Dele, P A, Sangodele, O. T. ( 2014 ). Comparative residual effects of some animal manure on the nutritive quality of three tropical grasses. *International J of Science, Environment and Technology*, 3 : 1131 - 1149. ([www.ijset.net/India](http://www.ijset.net/India)).
38. Olanite, J A, Arigbede, O M, **Onifade, O S**, Jolaosho, A O, Dele, P A, Anele U Y and Ojo, V O A (2014). Growth, botanical composition, dry matter yield and persistence of Panicum- Chaemacrista mixture in the derived Savanna of Southwest Nigeria. *International Journal of Agriculture and Crop Sciences*, 7 :630 -639. Publisher: Science Explorer Publication, Bangladesh. Available online at [www.ijages.com](http://www.ijages.com).
39. Ojo V O A., Ogunsakin A O., Dele P A., Olanite J A., Adeoye S A., Amole T A., Adelusi O O and **Onifade O S** (2015). Yield and chemical composition of Pennisetum hybrid fertilized with animal manures and harvested at different intervals. *Malays Journal of Animal Science*, 18: 65- 80. Publisher: Malaysian Society of Animal production. [www.msap.my/pdf/mjas\\_18\\_2/7.Ojo-yield\\_r4.pdf](http://www.msap.my/pdf/mjas_18_2/7.Ojo-yield_r4.pdf)
40. **Ojo ,V.O.A., Jolaosho, O.A., Onifade, O.S., Amodu, J. T.**, Olanite, J. A., Arigbede, O. M., Anele, U. Y., Adeoye. S A., Dele, P.A. and Amole, T.A.(2016). Dry matter yield, botanical and chemical composition of natural forages of the South Western Nigeria as influenced by topography, land use and season. *J. Animal Production Research*. 28: 138 -150.
41. Muraina, T. O., **Onifade, O. S.**, Olanite, J. A., Dele, P.A., Okpiaifor, C. I., Ewetola, I. A., Amahwe, O.J. and Kadiri, S. F. ( 2016).Effect of storage place and storage period on nutritive quality of hay produced from three forage grasses. *Nigerian Journal of Animal Science*, 18: 207-214.

42. Ojo, V. O. A., Oyebanjo, E. D., Opayemi, O. T., Mustapha, S. O., Adelusi, O. O., Adeoye, S. O., Anele, U. Y., Ogunsakin, A. O., Jolaosho, A. O. and **Onifade, O. S.** (2016). Effects of seasonal changes on the nutritional quality of *Moringa oleifera* and *Panicum maximum* silage. *Slovak J. Animal Science*, 49; 76 -84.
43. Ojo, V.O.A., Adeoye, S.A., Oni, A.O., Adelusi, O.O., Yusuf, K.O., Jolaosho, A.O., Olanite, J.A. and **Onifade, O.S.** 2017. Nutritive value of processed feed resources from natural pastures within South-West, Nigeria. *Archivos de Zootecnia*, 66 (256): 469-474. Published by University of Corboda, Spain. DOI: [10.21071/az.v66i256.2761](https://doi.org/10.21071/az.v66i256.2761).
44. Muraina, T. O., Olanite, J. A., Ewetola, I. A., Ojo, V. O. A., Akinlolu, O. A., Mustapha, S. O., Oladepo, O., Emiola, C. B., Akintunde, E and **Onifade, O. S.** ( 2017). Influence of tillage and oversowing methods on growth , population dynamics and biomass yields of two *Stylosanthes* species in natural pasture. *J. Animal Production Research*, 29: 222 -230.
45. Lawal- Adebawale, O. A., Ayinde, I. A., Olanite, J. A., Ojo, V. O. A., **Onifade, O. S.** Jolaosho, A. O and Arigbede, O. M. (2018). Pastoralists' grazing systems and eco- related outcomes in Yewa Division of Ogun state, Nigeria. *Tropical Grassland/ Forrages Tropicales*, 6: 93 -103.
46. Ojo, V.O.A., Adeyemi, T.A., Oyaniran, D.K., Adeoye, G.A., Yinusa, M.D., Idowu, O.J. and **Onifade, O.S.** 2019. Effects of tree legume seeds on silage quality of *Panicum maximum* at two stages of maturity. *Journal of Animal Production Research*, 31 (2): 148-157. Published by National Animal Production Research Institute, Ahmadu Bello University, Zaria.
47. Bazit, B., **Onifade, O.**, Ojo, V., Adebayo, K., Samireddypalle, A. (2019). Growth performance and blood parameters of WAD rams fed dried *Ficus thonningii* foliage as supplement tp high quality cassava peel. *Food Chain*, 8: 58- 78. <http://dx.doi.org/10.3362/2046-1887.18-00014>. Published by Practical Action Publishing, United Kingdom.
48. Ojo, V. O. A., Bakare, B. A., Adelusi, O. O., Mukaila, R. O. and **Onifade, O. S.** (2020). Effect of cassava peel mash on chemical composition, nutrient intake and rumen environment parameters of WAD rams supplemented with dried *Ficus thonningii* foliage. *Food Chain*, 9: 79- 90. <https://doi.org/10.3362/2046-1887.19-00001>. Published by Practical Action Publishing, United Kingdom.
49. Ojo, V. O. A., Adeshina, F.T., Adetokunbo, C. A., Jimoh, S. O., Adeyemi, T. A., Njie, J. L., **Onifade, O. S.** (2020). Effect of swine manure application and row spacing on growth of Pearl millet (*Cenchrus americanus*) during establishment period and quality of silage produced in south west Nigeria. *Tropical Grasslands - Forrages Tropicales*, 8: 115 -124. doi:10. 17138/TFFT(8)115-124. Published by International Center for Tropical Agriculture (CIAT) Cali, Colombia.
50. Enwete, F.E., Dele, P.A., Anotaenwere, C.C., Akinyemi, B.T., Ishiaku, Y.M., Adekeye, A.B., **Onifade, O.S** (2020). Effect of drying condition and storage length on the physical characteristics and *in vitro* gas production of *Megathyrus maximus* (Ntchisi) hay. *The Pacific J of Science and Technology*. 21: 327 -331. doi: <https://www.akamaiuniversity.usFPJST.htm>
51. Anyanwu, N. J., **Onifade, O. S.**, Olanite, J.A., Olowe, V.I.O., Boukar, B.O. and Ekpe, I.I. (2021). Forage yield and nutritive quality of haulm from dual – purpose cowpea cultivars for dry season feeding in Nigeria. *African Crop Science Journal*, 29. doi: <https://dx.doi.org/10.4314/acsj.v29i4.1>
52. Dele, P.A., Oyewole, S.T., Anotaenwere, C.C., Akinyemi, B.T., Badejo, E.T., Odunewu, O.T., Enwete, F.E., Arigbede, O.M., Jolaosho, O. A. and Onifade, O.S. (2023). Nutritive value and forage quality of *Calopogonium mucunoides* – *Zea mays* stover mixtures for ruminant production. *Nigerian Journal of Animal Science*, 24:112 – 123. Published by Animal Science Association of Nigeria. Available online at <https://njas.ng/index.php/article/view/923>.

53. Enwete, F., Dele, P., Anotaeenwere. C., Akinyemi, B., Aiyese, O., Awoola, O., Akinyode, J. and Onifade, O. (2023). Nutrient, *in vitro* digestibility and methane production of two grass tropical grasses: Effect of grazing frequency and plant spacing. *Journal of central European Agriculture*. 24(2). Published by University of Agricultural Sciences and Veterinary Medicine. (Accepted)

### **Refereed Conference Proceedings**

1. **Onifade, O.S.** and Agishi, E.C. (1990). A review of forage production and utilization in Nigeria Savanna. Proceedings of the 4<sup>th</sup> PANESA/ARNAB Workshop on "Utilization of Research Results on Forage and Agricultural by-products in Africa" Eds. Dzwola, B.H; Said A.N; Asrat, Wendem - Agenehu and Kategile, J.A.Dec. 1988, at Lilongwe, **Malawi**. pp 114-125.
2. **Onifade, O.S.**; Adu, I.F. and Akinola, J.O. (1992). Performance and management of sheep on Rhodes grass-Stylo pasture in Nigeria. In: The complementarity of feed resources for animal production in Africa. (Eds) John Stares, Said A.N. and Kategile J.A. Proc. of the joint feed resources network workshop held in Gaborone, **Botswana** 4-8 March, 1991. Africa Feed Resources Network (AFRNET) ILCA, Addis Ababa Ethiopia. pp. 85-93.
3. **Onifade, O.S.**, Adu, I.F. and Akinola, J.O. (1992). An evaluation of stylo as a ley legume in the subhumid zone of Nigeria. Proceedings of the workshop on *Stylosanthes* held in Kaduna, Nigeria Oct., 1992. Leeuw, P.N. de. *et al*( Eds) ILCA, Addis Ababa, **Ethiopia**. p. 175-180.
4. **Onifade, O.S.**, Adu, I.F. and Akinola, J.O. (1993). The effect of stocking rate on Rhodes grass - stylo pasture in the Northern Guinea Savanna zone of Nigeria I. Herbage Yield. Proc. XVII International Grassland Congress, **New Zealand/Australia**, 8-21 Feb. 1993. p. 863-864.
5. Osinowo, O.A., Abubakar, B.Y., Olayemi, M.E., Balogun, R.O. **Onifade, O.S.**, Adewuyi, A.A., Trimnell, A.R. and Dennar, F.O. (1994). Prewaning performance of Yankasa sheep under semi-intensive management. In: Small Ruminant Research and Development in Africa. Proc. of the 2<sup>nd</sup> Biennial Conf. Of Africa Small Ruminant Research Network, Arusha, **Tanzania** 7-11 Dec., 1992. ILCA/CTA.
6. **Onifade, O.S.** and Kera, B.S. (1995). Forage Conservation. In: Advance animal husbandry practices for Subject matter specialists in the Agric. Dev. Proj. (ADP) Eds. P.O.Okaiyeto *et al*. FACU-NAPRI. p 11-16.
7. Omokanye, A.T., **Onifade, O.S.** and Tanko, R.J. (1996). Groundnut production in Shika . In: P.E. Olorunju, B.R. Ntare, O.A. Babalola and O. Alabi (eds). Proceedings of a Workshop on Nationally Coordinated Groundnut Research Project. IAR/ICRISAT 25-29 Sept, 1995, Zaria, Nigeria pp. 9-12.
8. Tanko, R.J., Tarawali, S.A. **Onifade, O.S.** and Muhammad I.R. (1999) Pasture and forage seed production in Nigeria. In: L. Grass & M. Turner (eds) Proc. of the Pasture and Forage Seed Production Workshop, Addis Ababa, **Ethiopia**. 27-31 October 1997. pp 133-142.
9. Malau-Aduli, A.E. O., R. J. Tanko, P. P. Barje, I. R. Muhammed, J. T. Amodu, H. J. Makun, **O. S. Onifade**, O. W. Ehoche, J. O. Gefu, D. Y. Goska, S. Mohammed, A. Mohammed, M. A. Babuga, A. Adediran, K. Agyemang and A. Larbi. (2000) On-farm improvement of milk yield in Bunaji cattle through legume supplementation. Book of proceedings, 25<sup>th</sup> Annual NSAP Conference, 19-23, March, 2000, Umudike.
10. Adeoye K. B. and **Onifade O.S.** (2000) Cover crops adoption and forage seed production in Nigeria: report for the subhumid zone. In: Casky R. J. *et al*. (eds). Cover crops for natural resources in West Africa. IITA, **Cotonou, Rep. of Benin** . 26-28 Oct., 1999. p 280-289.
11. Arigbede, O. M., Sunmonu, J. A., Olanite, J. A., Jolaosho, A. O. and **Onifade, O. S.** (2001). Chemical composition, Feed Intake and Nutrient Digestibility of Three Pasture Grasses Fed to West African Dwarf Goats. In: Proceedings of the 26<sup>th</sup> Annual Conference of the Nigerian Society for Animal Production: 18<sup>th</sup>-

- 22<sup>nd</sup> March, 2001, Arewa House, Kaduna and Ahmadu Bello University, Zaria. Edited by A. E. O. Malau-Aduli and I. A. Adeyinka. Shika-Zaria : NSAP, Vol. 26: 339-341.
12. Jolaosho, A. O., Ladokun, A. L., **Onifade, O. S.**, Arigbede, O. M., Olanite, J. A. and Oduguwa, B. O. (2001). Evaluation of Low Cost Silage Making Methods. Proceedings of the 26<sup>th</sup> Annual Conference of the Nigerian Society for Animal Production: 18<sup>th</sup>-22<sup>nd</sup> May, 2001, Arewa House, Kaduna and Ahmadu Bello University, Zaria. Edited by A. E. O. Malau-Aduli and I. A. Adeyinka. Shika-Zaria: NSAP, Vol. 26: 342-244.
  13. Olanite, J A., O. M. Arigbede, **O. S. Onifade**, A. O. Jolaosho and J. A. Oyekan. (2002) Agronomic performance of *Panicum/Chamaecrista* mixtures as affected by grass spacing and legume sowing method in South-Western Nigeria. Proc. 27<sup>th</sup> Ann. Conf., NSAP, FUT, Akure, March 17-21, 2002: 223-226.
  14. Arigbede, O. M., Olanite, J. A.; Alaba O. Jolaosho, **Onifade, O.S.** and Magret, O. Egbetayo. (2002). Dry matter and protein degradabilities by WAD goats of some feed ingredients sold in Abeokuta, South West, Nigeria. In: A. O. Fanimo and J A Olanite (eds). Proc. 7<sup>th</sup> Annual Conf. of ASAN. Abeokuta. Sept. 16-19, 2002. p 180-183.
  15. Jolaosho, A.O., **Onifade, O. S.** Arigbede, O. M., Olanite, J. A.; and Akinola T.O.(2005). Number and viability of seeds recovered from faeces of ruminant animals. Offered paper at XX. Int. Grassland. Congress in **Ireland and UK**. 26 June - July 1, 2005. Grasslands- a global resource. p 624.
  16. **Onifade, O. S.**; Olanite, J. A.; Jolaosho, A. O., Arigbede, O. M.; and Tijani N.K.(2005) Response of guinea grass (*Panicum maximum* Jacq) to application of cowdung in south west Nigeria. Offered paper at XX Int. Grassland. Congress in **Ireland and UK**. 26 June -July1, 2005. Grasslands- a global resource. p 396.
  17. **Onifade, O S**, Amole, T A , Jolaosho, A O, Arigbede, O M, Olanite, J A, Anele, U Y and Oyeladun, A. M. (2008). Effects of sowing methods and seeding rates on chemical composition of *Tephrosia bracteolata*. Offered paper at the joint XXI Int. Grassl Cong. And VIII Int. Rangeland Cong. Held in **Hohhot, P R China**. 29 June - July 5, 2008. Multifunctional Grasslands in a Changing World.
  18. Jolaosho A O, Oduguwa, B O., Arigbede, O M., Olanite, J A., **Onifade O S.**, Anele, U Y and Amole, T. A. (2008). Effects of ingestion by cattle on degradability of seeds of three browse plants. Offered paper at the joint XXI. Int. Grassl Cong. And VIII Int. Rangeland Cong. Held in **Hohhot, P R China**. 29 June - July 5, 2008. Multifunctional Grasslands in a Changing World. p 552.
  19. Olanite, J A, Jolaosho, A O, Arigbede O M., **Onifade O S** and Anele, U Y.(2008) Persistence of *Chamaecrista rotundifolia* (Wynn) in *Panicum maximum* (Ntchisi) under varying spacing and legume planting methods. Offered paper at the joint XXI Int. Grassl Cong. And VIII Int. Rangeland Cong. Held in **Hohhot, P R China**. 29 June - July 5, 2008. Multifunctional Grasslands in a Changing World. p729.
  20. **Onifade, O S et al.** (2011). Response of guinea grass to animal manure. Offered paper at the joint IX. Int. Rangeland Cong. Held in **Rosario. Argentina**. 2nd to 8<sup>th</sup> April, 2011. Diverse Rangeland for a Sustainable Society. P329.
  21. Amole, T A, **Onifade, O S et al.** (2011 ).Herbage yield in intercropping forage legumes with cereals system. Offered paper at the joint IX Int. Rangeland Cong. Held in **Rosario. Argentina**. 2nd to 8<sup>th</sup> April, 2011. Diverse Rangeland for a Sustainable Society. P448.
  22. Ojo, VO A, Jolaosho A O , **Onifade O S et al.** (2011 ).Evaluation of forage productivity from different topography and land use in western Nigeria.. Offered paper at the joint IX Int. Rangeland Cong. Held in **Rosario. Argentina**. 2nd to 8<sup>th</sup> April, 2011. Diverse Rangeland for a Sustainable Society. P440.

23. Jolaosho, A O , Olanite J A , **Onifade, O S** *et al.* (2011 ). Effects of storage conditions and scarification methods on seed germination. Offered paper at the joint IX Int. Rangeland Cong. Held in **Rosario, Argentina**. 2nd to 8<sup>th</sup> April,2011. Diverse Rangeland for a Sustainable Society. P503.
24. Ojo, V.O.A., Bakare, B, Adelusi, A. and Onifade,O.S. (2017). Effects of cassava peel mash on chemical composition, nutrient intake and rumen fermentation parameters of West African Dwarf rams supplemented with dried *Ficus thonningii* foliage. A paper presented at the Cassava Expo in Lagos.
25. **Onifade, O. S.** (2019). Emerging issues in ranching, pastoralism, and pasture production in a diversifying economy. A Plenary paper presented at the 44<sup>th</sup> Annual Conference of Nigerian Society for Animal Production (NSAP) held in UNIABUJA, Abuja, March, 2019.

#### **BOOK / CHAPTER IN BOOK**

1. Anele, U. Y., Jolaosho, A O., Arigbede, O M., Olanite, J A and **Onifade, O S** (2011). Effects of air drying and plant types on quality of grass /legume silage. In : Animal Feed: Types, Nutrition and Safety. Ed. Sarah R Borgearo. pp 207 - 218. Nova Science Publishers Inc. New York, USA.

#### **PATENT**

1. Forage species (5) released for National Centre for Genetic Resources Agricultural Biotechnology (NACGRAB). 2000.

#### **TECHNICAL REPORT**

1. Momale, S., Aminu, A. and Onifade, O. (2018). *Study to Support and Inform the Development, Review and Implementation of Controlled Grazing Policy in Nigeria*. Abuja: Synergos Nigeria.