PROFILE OF PROF. OLUSEGUN RAPHAEL ADEYEMI

i. Brief Bibilography:

Prof. Olusegun Raphael ADEYEMI is a seasoned Researcher in Weed Science and Agronomy with specialization in Integrated Weed Management in Cereals(Maize, Rice), legumes (Cowpea and Soyabean), fruit vegetables Ginger. He obtained a B.Sc. degree in Crop Science and M.Sc. (Agronomy) from the University of Ibadan in 1986 and 1989 respectively as well as PhD degree from Federal University of Technology, Akure, Ondo State, Nigeria in 2005. He also has a degree in Postgraduate Diploma in Education from the Obafemi Awolowo University, Ile Ife. He also possesses an Ordinary Diploma Certificate in Computer Science. He has won several prizes and award among which is the best Science student in the defunct Ekiti West Local Government, Ekiti State, Nigeria and TETFUND (Tertiary Education Trust Fund) Grant to attend Conference of the 11th African Crop Science Society Conference in Uganda,13th -17th October 2013. He was appointed the Acting Head of Department, Department Plant Physiology and Crop Production, Federal University of Agriculture between 2013 and 2017. He has also served as Dean, School ofVocational and Technical Education, Adeyemi University of Education, Ondo in 2009 where he was employed before joining the services of the Federal University of Agriculture in 2010. Prof. Adeyemi is happily married with children and he is a Minister in the Redeemed Christian Church of God.

ii. Personal Information

iii.	(a) Name:	ADEYEMI Olusegun Raphael
iv.	(b) Date of Birth:	16th August, 1964,
v.	(c) Place of Birth :	Igogo-Ekiti
vi.	(e) Sex:	Male
vii.	(f) Marital Status:	Married
viii.	(g) Nationality:	Nigerian
ix.	(h) Town and State of Origin:	Igogo-Ekiti; Ekiti
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xiv. Rank: Professor
xv. Designation: Professor of Weed Science and Agronomy
xvi. Researchgate Address:http://www.researchgate.net/profile/Olusegun-Adeyemi
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xviii. Google Scholar Profile: http://www.researchgate.net/profile/Olusegun-Adeyemi
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xx. Qualification: B.Sc Agriculture (Crop Science); M.Sc. Agronomy (Crop Science); PhD Weed Science

(a) Soyabean Association of Nigeria.

(b) Weed Science Society of Nigeria.

© Science Teachers Association of Nigeria.

(d European) Weed Research Association

(e) Horticultural Society of Nigeria

(f) Tree Planting Association of Nigeria

(g) Teacher Registration Council of Nigeria

(h) African Crop Science Society

(i) International Society of Organic Agricultural Research.

xxi. Award Received:

(a) Best behaved Boy, Igogo community high School, 1978/79 Session
(b) Best Science Student, Ekiti West Local Government of Ondo State, 1978/79 Session.
(c) Ondo State Undergraduate Scholarship Award 1981/82 Session
(d) TETFUND (Tertiary Education Trust Fund) Grant to attend Conference of the 11th African Crop Science Society Conference in Uganda, !3 -17 October 2013.

xxii. Research Conducted :

(a) Integrated Weed Management in Fruit Vegetables (Okra, tomato)
(b) Integrated Weed Management in Cereals and Legumes (Maize, Rice, Cowpea and Soyabean)
(c) Integrated Weed Management in Spices (Mango Ginger)

xxiii. Conference Attended:

(a) Adeyemi, O. R. Atayese, M.O, Oyekanmi, A. A, Sakariyawo, O. S., LawaL, O. I.,Aderibigbe, S.G. and Tella, O. V. (2011). Crop Performance and Weed Control Efficacy of Sweet Potato as Influenced by Maize Cultivars and Organic Manure in Maize Sweet Potato intercrop. Paper Presented at the 39th Annual Conference of the Weed Science Society of Nigeria held at the Federal University of Agriculture, Abeokuta between October 30th and November 2nd 2011.

(b) Sakariyawo, O. S., **Adeyemi, O. R.,** Aderibigbe, S. G., and Oyekanmi, A. A (2011). Physiological Evaluation of Auxin-Herbicidal Action: Phytotoxic and Environmental Implication. Paper Presented at the 39th Annual Conference of the Weed Science Society of Nigeria held at the Federal University of Agriculture, Abeokuta between October 30th and November 2nd 2011.

(c) Adigun, J. A., Olorunmaiye, P. M. and **Adeyemi, O. R.** (2012). Evaluation of Selected Cover Crops for Weed Control in Maize Production. Paper Presented at the 37th Annual Conference of the Nigerian Society for Plant Protection held at the Federal University of Agriculture, Abeokuta between 6th and 10th May 2012.

(d) Adigun, J. A., Olorunmaiye, P. M. and **Adeyemi, O. R.** (2012). Evaluation of Se;lected Cover Crops For Weed Control in Maize Production. Paper Presented at the 37th Annual Conference of the Nigerian Society for Plant Protection held at the Federal University of Agriculture, Abeokuta between 6th and 10th May 2012.

(e) Adigun, J. A., **Adeyemi, O..R.,** Lagoke, S. T.O., Olorunmaiye, P. M. and Babatunde, A. O. (2012). Influence of Inter- row Spacing and Weed control in Groundnut (Arachis hypogeal (L.). Paper Presented at the 37th Annual Conference of the Nigerian Society for Plant Protection held at the Federal University of Agriculture, Abeokuta between 6th and 10th May 2012.

(f) Adeyemi, O. R. and L. D. Hosu Suuru (2013). Assessment of Allelopathic Potential of *Chromolaena odorata* and *Tithonia diversifolia* on germination and growth of maize and tomato. Paper presented at the 11th African Crop Science Society Conference held at Imperial Botanical Beach hotel, Entebbe- Uganda. Between 13th -17th October 2013.

(g) Adeyemi, O. R., Atayese, M. .O.,Dare, M. O., Sakariyawo, O. S., and Adigbo, S. O. and Bakare T. O. (2013). Weed control efficacy and arbuscular mycorrhizal (AM) colonization of upland rice varietie as affected by population densities. Paper presented at the 3rd African Rice Congress held **at Hilton Hotel Conference Center** Yaounde Cameroon between 21st -25th October 2013.

(h) Adeyemi, O. R., Ogunsola , K. O. (2017). Effects of NPK fertilizer Rates and Different Weeding Regimes on Growth /and Yield of Chilli Pepper, (*Capsicum frutescens* L**.)** Paper presented at the 35th Annual Conference of the Horticultural Society of Nigeria held at Kabba College of Agriculture between 29th October to November 3rd 2017

(i) Adeyemi, O. R, Ajani, O. A. Hosu, D. O., Adigun , J. A. and Olajide T. C (2019). Effect of Mycorhiza and Weeding Regime on Growth and Yield of Maize. Paper presented at the 47th Annual Conference of the Weed Science Society of Nigeria held at the University of Ibadan, Ibadan, Nigeria, between November 3 – 7, 2019

xxvi. Publications:

(1**) Adeyemi, O. R**.; Ojeniyi, S. O. Adeleye, E. O, and Onunkun O. (2005). Effect of Tillage Methods on Soil Properties and Yield of Okra (*Abelmoschus esculentus*) (L.) in Ondo. ***Applied Tropical Agriculture Journal*** 10 (Special Issue): 36-38. Published by the School of Agriculture and Agricultural Technology**,** Federal University of Technology, Akure. Nigeria

(2) Adeleye, E. O. ,Akinbani, A. S. **Adeyemi, O. R.** and Onunkun, O. (2005). Properties of Worm Casts and their Associated Surface Soils Under Seven-year Fallow of *Gliricidia Sepium* and *Leucaena leucocephala*. ***Applied Tropical Agriculture Journal.*** 10 (2): 56-59 Published by the School of Agriculture and Agricultural Technology**,** Federal University of Technology, Akure. Nigeria

(3) **Adeyemi, O. R**.; Smith M. A. K. and Ojeniyi, S. O. (2008). Effect of Land Preparation Technique on Weed Control Effectiveness in Okra (*Abelmoschus eschulentus* (L.) Moench in Ondo. ***Nigerian Journal of Weed Science***. 21:72-83 Published by Weed Science Society of Nigeria Nov. 2008

(4) **Adeyemi, O. R**. and Olaniyi, S.M. (2008). Critical Period for Weed Removal in Egg plant (*Solanum incanum).* ***Nigerian Journal of Horticultural Science (NJHS).*** (13): 82-91. Published by Horticultural Society of Nigeria, 2008.

(5) **Adeyemi, O. R**. (2010). Effect of Row-Spacing and Time of Weed Removal on the Growth and Yield of Tomato. ***Nigerian Journal of Horticultural Science (NJHS).*** Published by Horticultural Society of Nigeria. 15:31-36

(6) **Adeyemi, O.R**. Smith, M.A. K and Ojeniyi, S.O. (2014). Influence of tillage and time weed removal on weed specie composition and yield of Okra yield. ***Nigerian Journal of Weed Science***. **27:10-21.** Published by Weed Science Society of Nigeria.

(7) Sakariyawo, O.S., Okeleye, K.A., Dare, M.O., Atayese, M.O., Oyekanmi, A.A., Aderibigbe, S.G., Christopher, J.O., Ogundaini, O.G., Olubode, A.A., Soremi, P.A.S., **Adeyemi, O.R.** (2014). Performance of some selected NERICA rice inoculated with arbuscular mycorrhiza fungi (AMF) for double cropping in

the rainforest transitory zone of Nigeria. ***Nigerian Journal of Crop Science*** 2(1):18-25. Published by Crop Science Society of Nigeria.

(8) **Adeyemi, O. R**., Hosu, D, Olorunmaiye, P. M., and Dare, M O.(2015). Response of Maize (*Zea mays* L.) to different biochar rates and weed control methods. ***Nigerian Journal of Ecology***. ***14: 1-12.*** Published by the Ecological Society of Nigeria.

(9) **Adeyemi O. R.**, Smith, M. A. K, Ojeniyi, S.O. and Olubode, O. O. (2015) Weed Species Composition and Productivity of Okra (*Abelmoschus esculentus* (L.) Moench) as Affected by Time of Weed Removal. ***Nigerian Journal of Plant Protection***.*29:22-35* Published by the Nigerian Society for Plant Protection. Nigeria

(10) **Adeyemi , O. R**.; Atayese, M. O.; Dare, M. O.; Sakariyawo, O. S.; Adigbo, S. O and Bakare T. O (2015). Weed Control Efficacy and Arbuscular Mycorrhizal (AM) Colonization of Upland Rice Varieties as affected by Population Densities. ***Nigerian Journal of Plant Protection***.*29:9-21* Published by the Nigerian Society for Plant Protection. Nigeria

(11) **Adeyemi, O. R**., Olaogun, O., Adigun, J. A, and Adejuyigbe, C. O (2015). Effects of Poultry Manure Rates and Weeding Regime on Growth, Yield and Yield Components of Okra (*Abelmoschus esculentus* L. Moench). ***Journal of Organic Agriculture and Environment***. 3:108-112. Published by the Organic Agriculture Projects in Tertiary Institutions in Nigeria.

(12) Adigun, J.A**, O.R. Adeyemi**, S. T.O.Lagoke, P.M. Olorunmaiye, O.S. Daramola and A. O. Babatunde (2016). Influence of Inter-Row Spacing and Weed Control Methods in Groundnut (*Arachis hypogeae* (L.). ***Journal of Agricultural Science and Environment***. 16 (1): 86-95). Published by Federal University of Agriculture, Abeokuta. Nigeria

(13) Olubode, O. O., A. W. Salau and **O. R. Adeyemi**, 2016. Growth, yield and productivity of Hybrid Tea Rose (Rosa and Hybrids) in response to seasonal variation and manure application. ***Journal of Organic Agriculture and Environment*** 4 (1):67-78. Published by Federal University of Agriculture, Abeokuta. Nigeria

(14) Adigun, J.A; **Adeyemi O. R.,** Daramola, O.S., Odueme., P.U. and Fadeyi, O.J**.** (2017) Growth and yield performance of groundnut (*Arachis hypogeae* L.) as affected by row- spacing and weed control methods in the Nigerian forest–savanna transition zone. **Nigerian Journal of Ecology 16 (1):36-47.** Published by the Ecological Society of Nigeria.

(15) Adigun J. A., Daramola, O. S., **Adeyemi, O. R**., Olorunmaiye P. M., Osipitan, O. A. and Idiodemise, O. (2017). Effects of Row-Spacing and Period of Weed Interference on Growth and Yield of Cowpea ***(****Vigna unguiculata* (l.) Walp.) **Nigerian Journal of Ecology (2017) 16 (2): 88-100.** Published by the Ecological Society of Nigeria

(16) **Adeyemi, O. R**., Adigun J. A., Hosu, D. O., Fanawopo, H. O, Daramola , O. I. and Osipitan, O. A. (2017). Growth and Yield Performance of Two Lowland Rice Varieties

(NERICA L-19 and WITA 4 as Influenced by Period of Weed Interference in the Forest- Sananna Agro-Ecological Zone of Southwest Nigeria. ***Nigeria Journal of Ecology*** 16 (2): 142-160. Published by Ecological Society of Nigeria.

(17) Adigun, J. A., Daramola,, O. S., **Adeyemi, O. R**., Olornmaiye, P.M. and Osipitan, O. A., (2018). Nitrogen and weed management in transplanted tomato in the Nigerian forest-savanna transition zone. ***Annals of Agrarian Science*** **16 (**2018):281-285**. Published by ELSEVIER. www.elsevier.com/locate/aasci** (Indexed in Scopus).

(18) Fabunmi, T. O., Olorunmaiye, P. M., Hosu, D. and **Adeyemi, O.R.** (2018). Effect of Tuber size and within Row Spacing on Weed Biomass and Species diversity in Tigernut (*Cyperus esculentus* var. sativa).***Nigerian Journal of Weed Science*** **31:1-15.** Published by Weed Science Society of Nigeria**.**

(19) Adigun, J. A. Daramola, O. S., **Adeyemi, O. R.** and Olorunmaiye, P. M. (2018). Response of Transplanted chilli Pepper (*Capsicum frutescens* L.) to nitrogen application and Weed Management in the Nigerian Forest Savanna Transition zone, ***Nigerian journal of Ecology 17 (2): 1-14***. Published by the Ecological Society of Nigeria.

(20) Daramola, O. S., **Adeyemi, O. R**., Adigun, J. A. and Adejuyigbe, C. O. (2018). Crop-Weed Association and Inter-relation in Soyabean-weed ecosystem in the Nigerian forest- savanna transition zone. ***Nigerian Journal of Ecology*** 17(2): 97-114. Published by the Ecological Society of Nigeria

(21) Lawal, M. D., Olorunmaiye, P. M. . **Adeyemi, O. R.** and Aiyelaagbe I. O. O. (2019). Influence of Weeding Regime on Cassava Production iintercropped with Okra under three legume crops. ***Nigerian Journal of Weed Science.*** 32:21-34. Published by Weed Science Society of Nigeria

(22) Daramola O. S. **Adeyemi, O. R**. Adigun, J. A. and Adejuyigbe, C. O. (2019). Row spacing influences the critical period of weed control in soyabean (Glycine max (L.) Merrill) ***Nigerian Journal of Weed Science.*** 32: 8-20. Published by Weed Science Society of Nigeria

(23) Daramola O. S. **Adeyemi, O. R**. Adigun, J. A. and Adejuyigbe, C. O. (2019). Economics of Row Spacing and Integrated Weed Management in soyabean. ***Journal of Agricultural Science*****. Published by University of Belgrade *(Belgrade)*. 64 (3): 265-278.** (Indexed in AGRICOLA). https://doi.org/10.2298/JAS1903265D

(24) **Adeyemi O.R.,** Hosu, D.O., Olorunmaiye P. M., Soretire A. A., Adigun J.A. and Ogunsola K. O. (2019). Weed Control Efficacy of Hoe Weeding and Commercially

Formulated Mixture of Metolachlor and Prometryn Herbicide under Maize Production in Soil Amended with Biochar. ***Agricultura Tropica et Subtropica***. 52 (2):73-78. **Published by Mendel University Brno**. Czech Republic. (Indexed in Thomas Reuters). https://doi.org/10.2478/ats2019-0007

(25) Daramola O. S. **Adeyemi, O. R**. Adigun, J. A. and Adejuyigbe, C. O. (2019). Weed interference and control in soyabean, as affected by row spacing in the transition zone of Southwest Nigeria. ***Journal of Crop Improvement.*** **Published by Taylor and Francis** https://doi.org/10.1080/15427528.2019.1674759

(26) Daramola O. S. **Adeyemi, O. R**. Adigun, J. A. and Adejuyigbe, C. O. (2019). Row spacing and weed management methods influences growth and yield of soybean (Glycine max (L.) Merr.). ***Agricultura Tropica et Subtropica***. 52 (2): 59-71. **Published by Mendel University Brno**. Czech Republic. (Indexed in Thomas Reuters). https://doi.org/10.2478/ats2019-0007

(27) **Adeyemi, O. R.,** Ogunsola K. O., Olorunmaiye, P. M., Azeez, J. O., Hosu D. O., and Adigun. J. A. (2020). Effects of Phosphorus (P) Rates and Weeding Frequency on the Growth and Grain Yield of Extra Early Cowpea (*Vigna unguiculata* L. Walp) in the Forest – Savanna Transition Agro-Ecological Zone of Southwest Nigeria. ***Journal of Agricultural Science*. 65 (1): 47-60**

Published by University of Belgrade *(Belgrade).* *https://doi.org/10.2298/JAS2001047A*

(28) Makinde, E. A., **Adeyemi, O.R.,** Odeyemi, O. M., Salau, A. W and O. L. Abiodun, O. L. (2020)

Planting density on weed suppression and yield of okra. *International of Vegetable Science*. 26 (4) **Published by Taylor & Francis**. https://doi.org/10.1080/19315260.2020.1777495

(29) Makinde, E. A., **Adeyemi, O. R.,** Odeyemi, O. M., Salau, A. W. and Abiodun, O. L. (2020).

Weed Suppression and Yield of Two Okra Cultivars. *Tropical and Subtropical Agroecosystems*. 23 (65) Indexed by Scopus Journals. **Published by Autonomous University of Yucatan**, Mexico.

http://www.veterinaria.uady.mx/ojs/index.php/TSA

(30) Kolo, E., Adigun, J. A**., Adeyemi, O. R.,** Daramola, O. S. and Bodunde, J. G.,, (2020). Effect of Nitrogen Levels and Weed Management Methods on Weed Abundance and Yield of Upland Rice (*Oryza Sativa* L.). ***Journal of Agricultural Science*. 65 (2): 137-150. Published by University of Belgrade *(Belgrade.).*** https://doi.org/10.2298/JAS20002137K

(31) Osunleti, S. O, Olorunmaiye, P. M., **Adeyemi, O. R.**, Asiribo, O. E. and Lagoke, S. T. O. (2022). Growth and yield of mango ginger *(Curcuma amada* Roxb.) as influence of plant density, organo-mineral fertilizer, and weeding frequency. *Journal of Plant Nutrition.* **Published by Taylor & Francis**

https://doi.org/10.1080/01904167.2022.206705

(32**) Adeyemi, O. R**., Bashiruddin, A. A., Adigun,J. A., Adejuyigbe, C.. and Osunleti, S. O. (2022). Fruit quality and marketability of Okra (*Abelmoschus esculentus* (L.) Moench) as influenced by biochar rates and weeding regime. *International Journal of Pest Management*. **Published by Taylor and Francis**. https://doi.org/10.1080/09670874.2022.2094493

(33) Osunleti, S. O, Lagoke, S. T. O, Olorunmaiye, P. M., **Adeyemi, O. R.**, Olatunde, O. E., Ajani A. O. and Olaogun O. (2022). Profitability and Time Consumption as Influenced by Various Weed Control Methods in *Curcuma Amada* Roxb. *Agricultural Socio-Economics Journal* 22 (3): 151-158

34) Osunleti, S. O., Olorunmaiye, P. M. and **Adeyemi, O. R (2022).** Influence of Different Weed Control Methods on Weed Density and Relative Importance Value of Weeds in Mango Ginger (*Curcuma Amada* Roxb.). *Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis.* 70(1) https://doi.org/10.11118/actaun.2022.004

(35) **Adeyemi, O. R**.; Smith M. A. K. and Ojeniyi, S. O. (2007). Effect of Time of Weed Removal on Growth and Yield of Okra *(Abelmoschus eschulentus (L.) Moench*. ***Proceedings of the 7th Workshop of European Weed Research Society, held at Salem*** *(Mecklenburg-Western Pomerania*, ***Germany*.** Daniel C. Cloutier, Melander, B.O, Barbel Gerowitt , Harriet Gruber and Dr. Arnd Verschwcle (eds.) p. 101 11-14 March 2007. www.ewrs.org

(36) **Adeyemi, O. R**.; Ojeniyi, S. O. and Smith, M. A. K (2007). Effect of Tillage on Weed Flora, Pod Quality and Yield of Okra (*Abelmoschus esculentus*) (L.) Moench ***Proceedings of the 7th Workshop of European Weed Research Society, held at Salem*** *(Mecklenburg-Western Pomerania*, ***Germany***, Daniel C.

Cloutier, Melander, B.O, Barbel Gerowitt , Harriet Gruber and Dr. Arnd Verschwcle (eds.) p. 60 11-14 March 2007. www.ewrs.org