

Pratap Devkota, Ph.D.

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EDUCATION

Ph.D. (Weed Science); Purdue University, West Lafayette, IN **Dec, 2016**

- Dissertation Title: The Influence of Carrier Water Quality, Coapplied Foliar Fertilizer, and Water Conditioning Adjuvant on Herbicide Efficacy. Major Advisor: Dr. Bill Johnson.

M.S. (Weed Science); University of Arkansas, Fayetteville, AR **Aug, 2012**

- Thesis Title: Evaluation of Isothiocyanates and Herbicide Programs as Methyl Bromide Alternatives for Weed Control in Polyethylene-Mulched Tomato and Bell Pepper. Major Advisor: Dr. Jason Norsworthy.

B. Sc. in Agriculture; Tribhuvan University, Nepal **Dec, 2008**

PROFESSIONAL EXPERIENCE

Assistant Professor – Weed Science Specialist **Nov, 2018 - Present**

University of Florida/IFAS, West Florida Research and Education Center, Jay, FL

- Develop research (60%) and extension (40%) programs for addressing weed management issues in agronomic crops (cotton, peanut, corn, soybean, and small grains), forage/pasture (bahiagrass, bermudagrass, and perennial peanut), and emerging/alternative crops (carinata, sesame, industrial hems) system.
- Primary research area includes managing problematic weed species; screening for herbicide-resistant weeds and developing management strategies; evaluating multiple weed control strategies; studying weed biology & ecology; and developing integrated weed management programs.

University of California Cooperative Extension Weed Science Advisor **Jan, 2017 – Nov, 2018**

University of California Agriculture and Natural Resources, Holtville, CA

- Developed a problem-centric research and extension program with major focus on chemical, cultural, mechanical, and integrated management of weeds relevant to the cropping systems at California low desert regions.
- Conducted applied research and extension programs on forage crops (alfalfa, bermudagrass, sudangrass); vegetable crops (lettuce, spinach, cole crops, melon, onion, carrot); and agronomic crops (cotton, wheat, sugarbeet) production systems in California Low Desert Regions.

Graduate Research Assistant **Aug, 2012 - Dec, 2016**

Department of Botany and Plant Pathology, Purdue University, West Lafayette, IN

Graduate Teaching Assistant **Aug - Dec, 2015**

Department of Botany and Plant Pathology, Purdue University, West Lafayette, IN

Graduate Research Assistant **May, 2010 - Jul, 2012**

Department of Crop, Soil, & Environmental Sciences, University of Arkansas, Fayetteville, AR

Field Research Intern **Jan - Dec, 2009**

Agronomy Division, Nepal Agricultural Research Council, Lalitpur, Nepal

- * R. Tiwari (g), P.T.R. Piskackova, **P. Devkota**, M.J. Mulvaney, J. Ferrell, **R.G. Leon** (*Under review*) Emergence patterns of winter and summer annual weeds in *Brassica carinata* cropping system. Weed Science. Submitted on: Nov. 24, 2020 (*Status: Accepted for publication pending minor revisions*).
- * **P. Devkota**, O. Bachie (*Under review*) Evaluation of the summer slump application of saflufenacil on non-dormant conventional alfalfa. Crop, Forage, & Turfgrass Management. Submitted on: Oct. 2, 2020 (*Status: Accepted for publication pending minor revisions*).
15. **J.E. Iboyi**, M.J. Mulvaney, **K.S. Balkcom**, R. Seepaul, M. Bashyal, D. Perondi, R.G. Leon, **P. Devkota**, I.M. Small, S. George, D.L. Wright (In press) Tillage system and seeding rate effects on the performance of *Brassica carinata*. Global Change Biology Bioenergy, DOI: <https://doi.org/10.1111/gcbb.12809>.
14. L.J. Martin, **B.A. Sellers**, **P. Devkota**, J.A. Ferrell, R.G. Leon, and J.M.B. Vendramini (In press) Tolerance of rhizoma perennial peanut (*Arachis Glabrata*) to glyphosate and triclopyr. Weed Technology, DOI: <https://doi.org/10.1017/wet.2020.126>
13. R. Tiwari (g), P.T.R. Piskackova, **P. Devkota**, M. Mulvaney, J. Ferrell, **R.G. Leon** (2021) Growing winter *Brassica carinata* as part of a diversified crop rotation for integrated weed management. Global Change Biology Bioenergy, 13(3):425-435, DOI: <https://doi.org/10.1111/gcbb.12799>.
12. **P. Devkota**, W.G. Johnson (2020) Efficacy of dicamba and glyphosate as influenced by carrier water pH and hardness. Weed Technology, 34:101-106.
11. A.D. Jani, M.J. Mulvaney, K.S. Balkcom, C.W. Wood, D.L. Jordan, B.H. Wood, **P. Devkota** (2020) Peanut residues supply minimal plant-available nitrogen on a major soil series in the USA peanut basin. Soil Use and Management, 36:274-284.
10. **P. Devkota**, W.G. Johnson (2019) Influence of carrier water pH, foliar fertilizer, and ammonium sulfate on 2,4-D and 2,4-D plus glyphosate efficacy. Weed Technology, 33:562-568.
9. **D.J. Spaunhorst**, **P. Devkota**, W.G. Johnson, R.J. Smeda, C.J. Meyer, J.K. Norsworthy (2018) Phenology of five Palmer amaranth (*Amaranthus palmeri*) populations grown in northern Indiana and Arkansas. Weed Science, 66:457-470.
8. **P. Devkota (g)**, WG Johnson (2016) Effect of carrier water hardness and ammonium sulfate on efficacy of 2,4-D choline and premixed 2,4-D choline plus glyphosate. Weed Technology, 30:878-887.
7. **P. Devkota (g)**, WG Johnson (2016) Glufosinate efficacy as influenced by carrier water pH, hardness, foliar fertilizer, and ammonium sulfate. Weed Technology, 30:848-859.
6. **P. Devkota (g)**, DJ Spaunhorst, WG Johnson (2016) Influence of carrier water pH, hardness, foliar fertilizer, and ammonium sulfate on mesotrione efficacy. Weed Technology, 30:617-628.
5. **P. Devkota (g)**, F Whitford, WG Johnson (2016) Influence of spray solution temperature and holding duration on weed control with premixed glyphosate and dicamba formulation. Weed Technology, 30:116-122.
4. **P. Devkota (g)**, JK Norsworthy, R Rainey (2015) Efficacy and economics of herbicide programs compared to methyl bromide for weed control in polyethylene-mulched bell Pepper. Weed Technology, 29:284-297.
3. **P. Devkota (g)**, JK Norsworthy (2014) Allyl isothiocyanate and metham sodium as methyl bromide alternatives for weed control in plasticulture tomato. Weed Technology, 28:377-384.
2. **P. Devkota (g)**, JK Norsworthy, R Rainey (2013) Efficacy and economics of herbicide programs compared to methyl bromide for weed control in polyethylene-mulched tomato. Weed Technology, 27:580-589.

1. **P. Devkota (g)**, JK Norsworthy, R Rainey (2013) Comparison of allyl isothiocyanate and metham sodium with methyl bromide for weed control in polyethylene-mulched bell pepper. Weed Technology, 27:468-474.

GRADUATE STUDENT COMMITTEES/MENTORSHIP

Role	Student	Degree	Department (Major)	Graduated (Projected Completion)
Chair	Ruby Tiwari	Master's	Agronomy (Weed Science)	Dec 2020
Chair	Prasanna Kharel	Master's	Agronomy (Weed Science)	(May 2021)
Co-chair	Caetano Augusta Rossi Sales	Master's	Agronomy (Weed Science)	(May 2022)
Ext. Member & Minor Advisor	Yuvraj Singh Khamare	Ph.D.	Environmental Horticulture (Weed Science)	(Dec 2022)
Member	Joseph Enye Iboyi	Ph.D.	Agronomy (Crop Science)	(May 2022)
Member	Clay Cooper	Master's	Agronomy (Weed Science)	(Dec. 2021)

RESEARCH GRANTS AND FUNDING (MY ALLOCATION TOTAL = \$366,181)

Role	Grant Title	Funding Agency	Year	Total Award	My Allocation
Co-PI (100%)	Evaluating linuron for carinata tolerance	The IR-4 Projects	2021	\$4,000	\$4,000
PI (100%)	Effect of spray water quality factors on peanut herbicides efficacy and optimizing spray solution for enhancing weed control	National Peanut Board	2021-2022	\$25,698	\$25,698
Co-PI (100%)	Carinata tolerance to Quazolofop	The IR-4 Projects	2021	\$4,000	\$4,000
PI (100%)	Evaluate crop canopy structure, row spacing, planting timing, herbicide programs and nozzle types for weed control in peanut	Florida Dept of Ag and Consumer Services	2020-2021	\$15,784	\$15,201
PI (100%)	Response of peanut cultivars to herbicide tank-mixtures	Florida Dept of Ag and Consumer Services	2020-2021	\$6,767	\$5,171
PI (100%)	Effect of spray water quality factors on peanut herbicides efficacy and optimizing spray solution for enhancing weed control	National Peanut Board	2020-2021	\$21,840	\$21,840
Co-PI (10%)	Evaluating weed control and livestock stocking rate in bermudagrass pasture System.	Corteva Agriscience	2020-2022	\$132,000	\$14,027

PI (100%)	Evaluate crop canopy structure, row spacing, planting timing, herbicide programs and nozzle types for weed control in peanut	Florida Dept of Ag and Consumer Services	2019-2020	\$15,784	\$15,784
PI (100%)	Response of peanut cultivars to selected herbicides	Florida Dept of Ag and Consumer Services	2019-2020	\$6,767	\$6,767
Co-PI (1%)	Southeast partnership for advanced renewables from carinata (2017-2022).	USDA-AFRI Sustainable Bioenergy and Bioproducts	2019-2022	\$14,810,000	\$98,973
PI (100%)	Herbicide product evaluation trials in Florida.	Various Agrochemical Industries (Monsanto, Syngenta, Corteva, Bayer, Helena, UPL etc.)	2019-Present	\$52,920	\$52,920
Co-PI (25%)	Evaluating herbicide program for weed management in alfalfa.	California Alfalfa Check Off	2018	\$10,000	\$2,500
Co-PI (25%)	Effect of drip vs sprinkler irrigation method for melon herbicides	California Melon Research Board	2018	\$15,000	\$5,000
PI (100%)	Evaluating PRE and POST herbicide programs for weed management in onion production.	California Garlic and Onion Research Board	2018	\$8,000	\$8,000
PI (100%)	Optimizing spray water quality for glyphosate and triclopyr application in IID irrigation canal.	Imperial Irrigation District	2018	\$25,200	\$25,200
Co-PI (25%)	Evaluating new crop potential, and documentation of agricultural weeds and developing weed management programs at Imperial Valley.	Imperial County Agricultural Benefit Program	2018	\$125,000	\$31,000
PI (100%)	Herbicide product evaluation trials in California low desert crops.	Various Agrochemical Industries (Dow, BASF, Gowan, Syngenta, etc.)	2017-2018	\$30,100	\$30,100
Grand Total				\$366,181	

GRANT SUBMITTED AND UNDER REVIEW

Role	Grant Title	Funding Agency	Total Award	My Allocation
Co-PI	Develop and Deliver integrated weed management strategies for florida agronomic and forage/pasture crop production	USDA-CPPM-Extension Implementation Program	\$886,393	\$125,548

PI	Evaluating cultural and chemical methods for Benghal dayflower and hairy indigo control	Florida Dept of Ag and Consumer Services	\$49,174	\$49,174
PI	Testing electrical weed control for Florida peanut production	Early Career Seed Award UF/IFAS Dean for Research	49,500	49,500

PEER-REVIEWED EXTENSION PUBLICATIONS (*= *MAJOR AUTHOR/ REVISION AUTHOR*)

33. **P. Devkota***, M.J. Mulvaney, D. Wright (2021) Terminating Cover Crops Effectively for Weed Suppression. UF/IFAS Electronic Delivery Information System (EDIS) publication #AG-449. University of Florida, Gainesville, FL (*In production*)
32. J. A. Ferrell, B. Sellers, and **P. Devkota*** (2021) Weed Management in Soybean. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-05. University of Florida, Gainesville, FL
31. J. A. Ferrell, B. Sellers, and **P. Devkota*** (2020) Weed Management in Clover. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-235. University of Florida, Gainesville, FL.
30. M.J. Mulvaney*, **P. Devkota**, E. Carter, D. Broughton, M. Mauldin (2020) Boom Sprayer Calibration Tables. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-446. University of Florida, Gainesville, FL.
29. M. J. Mulvaney* and **P. Devkota** (2020) Adjusting Crop Yield to a Standard Moisture Content. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-443. University of Florida, Gainesville, FL.
28. S. Berger, J. A. Ferrell, and **P. Devkota*** (2020) Diagnosing Herbicide Injury in Cotton. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-358. University of Florida, Gainesville, FL.
27. S. Morichetti, J. A. Ferrell, and **P. Devkota*** (2020) Diagnosing Herbicide Injury in Peanut. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-327. University of Florida, Gainesville, FL.
26. J. A. Ferrell, G. E. MacDonald, and **P. Devkota*** (2020) Weed Management in Peanuts. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-03. University of Florida, Gainesville, FL.
25. J. A. Ferrell, P. J. Dittmar, B. Sellers, and **P. Devkota*** (2020) Herbicide Residues in Manure, Compost, or Hay. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-415. University of Florida, Gainesville, FL.
24. B. Sellers*, N. Rana, J.L.C. S. Dias, and **P. Devkota** (2020) Smutgrass Control in Perennial Grass Pastures. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-18. University of Florida, Gainesville, FL
23. B. Sellers*, **P. Devkota**, and J. A. Ferrell (2020) Prickly Pear Cactus Control in Pastures. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-354. University of Florida, Gainesville, FL.
22. J. A. Ferrell, G. E. MacDonald, and **P. Devkota*** (2020) Weed Management in Small Grains Harvested for Grains. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-07. University of Florida, Gainesville, FL.

21. J. A. Ferrell, B. Sellers, and **P. Devkota*** (2020) Calibration of Herbicide Applicators. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-102. University of Florida, Gainesville, FL.
20. S. Morichetti, J. A. Ferrell, and **P. Devkota*** (2020) *Amaranthus palmeri* - Palmer Amaranth. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-336. University of Florida, Gainesville, FL.
19. J. A. Ferrell, G. E. MacDonald, and **P. Devkota*** (2020) Weed Management in corn. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-02. University of Florida, Gainesville, FL.
18. J. A. Ferrell, B. Sellers, G. E. MacDonald, and **P. Devkota*** (2020) Wild Radish - Biology and Control. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-236. University of Florida, Gainesville, FL.
17. J. A. Ferrell, G. E. MacDonald, and **P. Devkota*** (2020) Weed Management in Cotton. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-04. University of Florida, Gainesville, FL.
16. J. A. Ferrell, G. E. MacDonald, and **P. Devkota*** (2020) Benghal dayflower/Tropical spiderwort (*Commelina benghalensis*, L.) Identification and Control. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-223. University of Florida, Gainesville, FL.
15. B. Sellers* and **P. Devkota** (2020) Weed Management in Pasture and Rangeland-2020. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-08. University of Florida, Gainesville, FL.
14. D. L. Wright*, B. L. Tillman, **P. Devkota**, and I. M. Small (2020) Producing Peanuts Using Conservation Tillage. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-185. University of Florida, Gainesville, FL.
13. **P. Devkota***, B. Sellers, J. A. Ferrell (2019) Weed management in alfalfa. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-229. University of Florida, Gainesville, FL.
12. **P. Devkota***, J. A. Ferrell (2019) Control of Palmer amaranth in agronomic crops. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-338. University of Florida, Gainesville, FL.
11. **P. Devkota***, S. Berger, J. A. Ferrell, P. Dittmar (2019) Diagnosing herbicide injury in corn. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-365. University of Florida, Gainesville, FL.
10. M. Durham, **P. Devkota***, J. A. Ferrell, and B. Sellers (2019) Spiderwort control in hay fields and pastures. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-404. University of Florida, Gainesville, FL.
9. B. Sellers*, **P. Devkota**, J. A. Ferrell (2019) Fireweed (heartleaf nettle) control in pastures. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-41. University of Florida, Gainesville, FL.
8. B. Sellers*, **P. Devkota**, J. A. Ferrell (2019) Thistle control in pastures. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-95. University of Florida, Gainesville, FL.
7. B. Sellers*, **P. Devkota**, J. A. Ferrell (2019) Tropical soda apple: Biology, ecology, and management of a noxious weed in Florida. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-77. University of Florida, Gainesville, FL.

6. B. Sellers*, **P. Devkota**, J. A. Ferrell (2019) Common pokeweed. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-123. University of Florida, Gainesville, FL.
5. B. Sellers*, **P. Devkota**, J. A. Ferrell (2019) Dogfennel (*Eupatorium capillifolium*): Biology and control. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-224. University of Florida, Gainesville, FL.
4. B. Sellers*, **P. Devkota**, J. A. Ferrell (2019) Tank-mix options for control of tropical soda apple and dogfennel. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-300. University of Florida, Gainesville, FL.
3. B. Sellers*, **P. Devkota**, J. A. Ferrell (2019) Weed management in limpograss. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-334. University of Florida, Gainesville, FL.
2. B. Sellers*, **P. Devkota**, J. A. Ferrell (2019) Cressleaf groundsel (Butterweed) identification and management in pastures. UF/IFAS Electronic Delivery Information System (EDIS) publication #SS-AGR-403. University of Florida, Gainesville, FL.
1. **P. Devkota***, F. Whitford, WG Johnson, B Young, T Legleiter, KL Smith (2016) Water temperature and herbicide performance. Purdue Extension. PPP-112.

TRADE MAGAZINE PUBLICATIONS

5. **P. Devkota** (2020) Weed Management: 2020 Peanut Grower Pesticide Management Guide. The Peanut Grower. Pp 4-5. Jan., 2020.
https://issuu.com/onegrower/docs/peanut_grower_january_2020
4. **P. Devkota** (2019) Weed Management: 2019 Peanut Grower Pesticide Management Guide. The Peanut Grower. Pp 4-5. Jan. 23, 2019. <https://peanutgrower.com/feature/2019-peanut-grower-pesticide-management-guide/>
3. **P. Devkota** (2018) Problematic weeds and management challenges for onion production in the Imperial Valley. Vegetable West. February, 2018.
2. **P. Devkota** (2017) Problematic weeds for low desert sorghum production. California Dairy. November, 2017.
1. **P. Devkota** (2017) Spray water quality and herbicide efficacy. Cooperative Extension Cornell Vegetable Program, Cornell University. VEGEdge, Vol 13, Issue 7. May 24, 2017.

CONFERENCE ABSTRACTS/PROCEEDINGS

56. **P. Devkota**, P. Kharel, M.J. Mulvaney (2021) Peanut response to glyphosate plus 2,4-D rate and exposure timing. Southern Weed Science Society, 2021 Virtual Annual Meeting. January 25-26, 2021.
55. P. Kharel, **P. Devkota**, B. Tillman, G. M. MacDonald (2021) Influence of Planting Date and Row Spacing on Sicklepod Suppression in Peanut. Southern Weed Science Society. 2021 Virtual Annual Meeting. January 25-26, 2021.
54. R. Tiwari, **P. Devkota**, M.J. Mulvaney, J. A. Ferrell, R. G. Leon (2021) Winter Brassica carinata Production as Part of a Diversified Crop Rotation for Integrated Weed Management. Southern Weed Science Society. 2021 Virtual Annual Meeting. January 25-26, 2021.
53. J.E. Iboyi, M.J. Mulvaney, R. Seepaul, I.M. Small, M. Bashyal, R.G. Leon, K.S. Balkcom, **P. Devkota** (2021) Genotypic Variation in NUE Among Carinata Genotypes Grown in a Controlled Environment. Southern Branch American Society of Agronomy Annual Meeting. Virtual, Jan. 30-Feb. 1, 2021.

52. J.E. Iboyi (g), M.J. Mulvaney, I.M. Small, M. Bashyal, R.G. Leon, K.S. Balkcom, **P. Devkota** (2020). Genotypic Variation in NUE Among Carinata Genotypes Differing in Seed Yield. ASA-CSSA-SSSA International Annual Meeting, Nov. 9-13, 2020.
51. J.E. Iboyi, M.J. Mulvaney, R. Seepaul, I.M. Small, M. Bashyal, R.G. Leon, K.S. Balkcom, **P. Devkota**, S. George, D.L. Wright. 2020. Genotypic Variation in NUE Among Carinata Genotypes Grown in a Controlled Environment. ASA-CSSA-SSSA International Annual Meeting, Nov. 9-13, 2020.
50. J.E. Iboyi, M.J. Mulvaney, I.M. Small, M. Bashyal, R.G. Leon, K.S. Balkcom, **P. Devkota** (2020) Genotypic Variation in NUE Among Carinata Genotypes Differing in Seed Yield. ASA-CSSA-SSSA International Annual Meeting, Nov. 9-13, 2020.
49. **P. Devkota**, E.T. Carter, R.T. Broughton, M.J. Mulvaney (2020) A Survey of Florida Panhandle Row Crop Producers on Weeds Problem and Management Practices. 2020 Weed Science Society of America Annual Meeting, Maui, HI. March 1-6, 2020.
48. **P. Devkota**, R. Tiwari, P. Kharel, M.J. Mulvaney (2020) Evaluating Cover Crops and Herbicide Programs for Weed Management in Cotton. 2020 Weed Science Society of America Annual Meeting, Maui, HI. March 1-6, 2020.
47. J.E. Iboyi, M.J. Mulvaney, R.G. Leon, K.S. Balkcom, I. Small, **P. Devkota**. 2020. Crop Rotational Effects of Brassica carinata. Carinata and SPARC 3rd annual meeting. Tampa, FL. Feb. 26-28, 2020.
46. J.E. Iboyi, M.J. Mulvaney, K.S. Balkcom, R. Seepaul, R.G. Leon, **P. Devkota**, I. Small, S. George, D. Wright. 2020. Optimal Seeding Rate in Brassica carinata Has no Dependence on the Tillage Regime Used. Carinata and SPARC 3rd annual meeting. Tampa, FL. Feb. 26-28, 2020.
45. J.E. Iboyi, M.J. Mulvaney, K.S. Balkcom, R. Seepaul, R.G. Leon, **P. Devkota**, I. Small, S. George, D. Wright. 2020. Tillage Effects on the Performance of Brassica carinata. Carinata and SPARC 3rd annual meeting. Tampa, FL. Feb. 26-28, 2020.
44. J.E. Iboyi, M.J. Mulvaney, R.G. Leon, K.S. Balkcom, I. Small, **P. Devkota**. 2020. Previous crop effects on yield of Brassica carinata and summer crops. Southern Branch American Society of Agronomy Annual Meeting. Louisville, KY. Feb. 1-4, 2020.
43. J.E. Iboyi, M.J. Mulvaney, K.S. Balkcom, R. Seepaul, R.G. Leon, **P. Devkota**, I. Small, S. George, D. Wright. 2020. Carinata yield is optimized at 6 kg seed per hectare rate regardless of tillage regime used. Southern Branch American Society of Agronomy Annual Meeting. Louisville, KY. Feb. 1-4, 2020.
42. P. Kharel, **P. Devkota**, B. Tillman, G. MacDonald, M.J. Mulvaney, R. Tiwari (2020) Evaluating Peanut Planting Date and Twin-Row Spacing for Sicklepod Growth Suppression. 2020 Southern Weed Science Society Annual Meeting, Biloxi, MS. January 26-30, 2020.
41. R. Tiwari, **P. Devkota**, R.G. Leon, M.J. Mulvaney, T. Reinhardt, P. Kharel (2020) Influence of Winter Brassica Carinata Production on Summer Annual Weeds Emergence. 2020 Southern Weed Science Society Annual Meeting, Biloxi, MS. January 26-30, 2020.
40. P. Kharel, **P. Devkota**, B. Tillman, G. MacDonald, R. Tiwari (2020) Evaluation of PRE and POST Herbicide Programs for Weed Control in Peanut (*Arachis hypogaea* L.). 2020 Southern Weed Science Society Annual Meeting, Biloxi, MS. January 26-30, 2020.
39. R. Tiwari, **P. Devkota**, R.G. Leon, M.J. Mulvaney, T. Reinhardt, P. Kharel (2020) Summer Annual Weed Seed Bank as Influenced by Winter Brassica carinata Production. 2020 Southern Weed Science Society Annual Meeting, Biloxi, MS. January 26-30, 2020.
38. **P. Devkota**, E.T. Carter, R.T. Broughton, M.J. Mulvaney (2020) A Survey on Weeds Problem and Management Practices in Row Crop Production at Florida Panhandle. 2020 Southern Weed Science Society Annual Meeting, Biloxi, MS. January 26-30, 2020.

37. **P. Devkota**, R. Tiwari, P. Kharel, M.J. Mulvaney (2020) Evaluating Cover Crops and Herbicide Programs for Weed Management in Cotton. 2020 Southern Weed Science Society Annual Meeting, Biloxi, MS. January 26-30, 2020.
36. K.L. Broster, J.C. Ferguson, B.J. Zurweller, T.A. Baughman, B. Rushing, **P. Devkota**, S. Li (2020) A Comparison of Season Long Weed Control Programs in Peanut (*Arachis hypogea*). 2020 Southern Weed Science Society Annual Meeting, Biloxi, MS. January 26-30, 2020.
35. **P. Devkota**, M.J. Mulvaney (2020) Evaluation of Cover Crops and Herbicide Programs for Weed Control in Cotton. 2020 Beltwide Cotton Conferences, Austin, TX. January 8-10, 2020.
34. J.E. Iboyi, M.J. Mulvaney, R.G. Leon, K.S. Balkcom, **P. Devkota**, I.M. Small. 2019. Previous summer crop effects on yield of *Brassica Carinata*. ASA-CSSA-SSSA International Annual Meeting, San Antonio, TX, Nov. 10-13, 2019.
33. J.E. Iboyi, M.J. Mulvaney, R.G. Leon, M. Bashyal, R.S. Noia, K.S. Balkcom, I.M. Small, **P. Devkota** (2019) Physiological behavior of *Brassica carinata* in response to different plant population density under different tillage systems. ASA-CSSA-SSSA International Annual Meeting, San Antonio, TX, Nov. 10-13, 2019.
32. J.E. Iboyi, M.J. Mulvaney, K.S. Balkcom, R. Seepaul, R.G. Leon, **P. Devkota**, I.M. Small, S. George, D.L. Wright. (2019) Tillage and seeding rate effects on the performance of *Brassica carinata*. ASA-CSSA-SSSA International Annual Meeting, San Antonio, TX, Nov. 10-13, 2019.
31. R. Tiwari, **P. Devkota**, M.J. Mulvaney, R.G. Leon (2019) Influence of crop history and S-metolachlor (Dual Magnum) on *Brassica carinata* production. ASA-CSSA-SSSA International Annual Meeting, San Antonio, TX, Nov. 10-13, 2019.
30. R. Tiwari, **P. Devkota**, M.J. Mulvaney, R.G. Leon (2019) Winter and summer weed population dynamics on *Brassica carinata* cropping systems. ASA-CSSA-SSSA International Annual Meeting, San Antonio, TX, Nov. 10-13, 2019.
29. **P. Devkota** (2019) Response of non-dormant conventional alfalfa to postemergence applied saflufenacil. 41st Annual Meeting of Florid Weed Science Society, Haines City, FL
28. R. Tiwari, **P. Devkota**, M. Mulvaney, R. Leon (2019) Weed Ecology and Management within *Brassica carinata* Cropping Systems. SPARC Annual Meeting-Year 2. Quincy, FL, March 5-7, 2019
27. R. Tiwari, **P. Devkota**, M.J. Mulvaney, R.G. Leon. 2019. Weed ecology and management within *Brassica carinata* cropping systems. Carinata Biomaterials Summit 2019 & 2nd SPARC Annual Meeting, North Florida Research and Education Center, Quincy, FL, March 5-7, 2019.
26. E. Carter, S. Paula-Moraes, A.R. Moraes, M.J. Mulvaney, **P. Devkota**. 2019. Cotton growers in the Florida Panhandle: Pest risk aversion and knowledge of transgenic technology. 2019 Entomological Society of America Southeastern Branch Meeting. Mobile, AL. Mar. 3-6, 2019.
25. **P. Devkota** (2018) Evaluation of summer application of saflufenacil in non-dormant alfalfa. Abstr. Weed Sci. Soc. Am., Arlington, VA. Proceedings 58:39.
24. **P. Devkota**, W.G. Johnson (2016) An overview on the influence of carrier water quality on POST herbicides performance. North Cent. Weed Sci. Soc., De Moines, IA. Proceedings 71:205.
23. **P. Devkota**, W.G. Johnson (2016) Influence of carrier water hardness on 2,4-D choline efficacy. North Cent. Weed Sci. Soc., De Moines, IA. Proceedings 71:212.
22. **P. Devkota**, W.G. Johnson (2016) Effect of spray water pH, foliar fertilizers, and ammonium sulfate on efficacy of a 2,4-D plus glyphosate formulation. Abstr. Weed Sci. Soc. Am., San Juan, PR. Proceedings 56:63.
21. **P. Devkota**, W.G. Johnson (2016) Influence of carrier water hardness and ammonium sulfate on

- weed control with POST herbicides. Abstr. Weed Sci. Soc. Am., San Juan, PR. Proceedings 56:557.
20. **P. Devkota**, W.G. Johnson (2015) Influence of spray water pH, foliar fertilizer, and ammonium sulfate on efficacy of 2,4-D plus glyphosate formulation. Abstr. North Cent. Weed Sci. Soc., Indianapolis, IN. Proceedings 70:46.
 19. **P. Devkota**, W.G. Johnson (2015) Effect of carrier water hardness and ammonium sulfate on efficacy of a 2,4-D and glyphosate formulation. Abstr. North Cent. Weed Sci. Soc., Indianapolis, IN. Proceedings 70:113.
 18. **P. Devkota**, W.G. Johnson (2015) Influence of carrier water pH and foliar fertilizer and plant height on horseweed control with mesotrione. Abstr. Weed Sci. Soc. Am., Lexington, KY. Proceedings 55:63.
 17. **P. Devkota**, W.G. Johnson (2015) Influence of carrier water pH and foliar fertilizers on weed control with Post-emergence herbicides. Abstr. Weed Sci. Soc. Am., Lexington, KY. Proceedings 55:156.
 16. **P. Devkota**, W.G. Johnson (2014) Effect of foliar fertilizers, water pH, and plant height on horseweed control with mesotrione. Abstr. North Cent. Weed Sci. Soc., Minneapolis, MN. Proceedings 69:14.
 15. **P. Devkota**, W.G. Johnson (2014) Effect of foliar fertilizers and water pH on weed control with MON 76783, enlist duo, and glufosinate. Abstr. North Cent. Weed Sci. Soc., Minneapolis, MN. Proceedings 69:141.
 14. **P. Devkota**, W.G. Johnson (2013) Effect of water temperature and storage duration on MON 76757. Abstr. North Cent. Weed Sci. Soc., Columbus, OH. Proceedings 68:34.
 13. **P. Devkota**, W.G. Johnson (2013) Interaction of carrier water pH and hardness on the efficacy of MON 76757 and 2,4-D choline. Abstr. North Cent. Weed Sci. Soc., Columbus, OH. Proceedings 68:137.
 12. **P. Devkota**, W.G. Johnson, J.B. Willis (2012) Weed control in dicamba tolerant soybean. Abstr. North Cent. Weed Sci. Soc, St. Louis, MO. Proceedings 68:153.
 11. **P. Devkota**, J.K. Norsworthy, S.S. Rana, C.E. Starkey, D.B. Johnson, A.L. Lewis (2012) Effectiveness of herbicide programs compared to methyl bromide for weed control in plasticulture bell pepper. Southern Weed Sci. Soc., Charleston, SC. Proceedings 65:78.
 10. S.S. Rana, J.K. Norsworthy, D.B. Johnson, **P. Devkota**, C.E. Starkey, B. Scott (2012) Carryover potential of imazosulfuron to soybean. Abstr. Southern Weed Sci. Soc., Charleston, SC. Proceedings 65:54.
 9. C.E. Starkey, J.K. Norsworthy, D.B. Johnson, **P. Devkota**, A.L. Lewis (2012) Comparison of glufosinate and fomesafen for postemergence Palmer amaranth control. Southern Weed Sci. Soc., Charleston, SC. Proceedings 65:222.
 8. S.S. Rana, J.K. Norsworthy, D.B. Johnson, **P. Devkota**, B. Scott (2012) Soybean sensitivity to drift rates of imazosulfuron. Southern Weed Sci. Soc., Charleston, SC. Proceedings 65:232.
 7. **P. Devkota**, J.K. Norsworthy, S.S. Rana, C.E. Starkey, D.B. Johnson, A.L. Lewis (2012) Allyl isothiocyanate and metam sodium as methyl bromide alternatives for weed control in plasticulture tomato. Southern Weed Sci. Soc., Charleston, SC. Proceedings 65:237.
 6. **P. Devkota**, J.K. Norsworthy, D. B. Johnson, C. Starkey, A. Lewis, and S. S. Rana (2012) Post control options for glyphosate-resistant Palmer amaranth in Roundup Ready corn. Arkansas Crop Protection Association. Fayetteville, AR. Vol 14.
 5. C.E. Starkey, J.K. Norsworthy, D.B. Johnson, **P. Devkota**, (2011) Influence of application timing on Palmer amaranth control with HPPD-inhibiting herbicides in combination with glufosinate and glyphosate. Southern Weed Sci. Soc., San Juan, PR. Proceedings 64:37.
 4. **P. Devkota**, J.K. Norsworthy, D. B. Johnson, S. S. Rana, S. K. Bangarwa (2011) Effectiveness of

- allyl isothiocyanate and metham sodium as methyl bromide alternatives for weed control in plasticulture bell pepper. Southern Weed Sci. Soc., San Juan, PR. Proceedings 64:147.
3. C.E. Starkey, J.K. Norsworthy, D.B. Johnson, **P. Devkota**, (2011) Comparison of residual herbicides for controlling Palmer amaranth and barnyardgrass. Southern Weed Sci. Soc., San Juan, PR. Proceedings 64:252.
2. M. V. Bagavathiannan, J. K. Norsworthy, **P. Devkota**, K. L. Smith (2011) Density dependent growth and reproduction in barnyardgrass (*Echinochloa crus-galli*). Southern Weed Sci. Soc., San Juan, PR. Proceedings 64:300.
1. **P. Devkota**, J.K. Norsworthy, S. K. Bangarwa, S. S. Rana, D. B. Johnson, J. Wilson (2011) Effectiveness of herbicide programs compared to methyl bromide for weed control in plasticulture tomato. Southern Weed Sci. Soc., San Juan, PR. Proceedings 64:310.

EXTENSION ARTICLES/NEWSLETTERS

30. **P. Devktoa** (2021) Florida 2021 dicamba stewardship training now available online. Panhandle Ag-eNews, Feb. 12, 2020. <https://nwdistrict.ifas.ufl.edu/phag/2021/02/12/florida-2021-dicamba-stewardship-training-now-available-online/>
29. **P. Devktoa** (2020) Herbicide options for weed control in small grain crops. Panhandle Ag-eNews, Nov. 20, 2020. <https://nwdistrict.ifas.ufl.edu/phag/2020/11/20/herbicide-options-for-weed-control-in-small-grain-crops/>
28. M.J Mulvaney, **P. Devkota**, E. Carter, D. Broughton (2020) Sprayer calibration tables – calibration made easy. Panhandle Ag-eNews, Oct. 30, 2020. <https://nwdistrict.ifas.ufl.edu/phag/2020/10/30/sprayer-calibration-tables-calibration-made-easy/>
27. **P. Devktoa** (2020) Important considerations for dicamba application in dicamba resistant crops. Panhandle Ag-eNews, Jun. 15, 2020. <https://nwdistrict.ifas.ufl.edu/phag/2020/06/15/important-considerations-for-dicamba-application-in-dicamba-resistant-crops/>
26. **P. Devkota** (2019) Weed control in small grain crops: Start sooner rather than later. Panhandle Ag-eNews, Dec. 20, 2019. <http://nwdistrict.ifas.ufl.edu/phag/2019/12/20/weed-control-in-small-grain-crops-start-sooner-rather-than-later/>
25. **P. Devkota** (2019) How hot and dry conditions affect herbicide performance. Morning AgClips, Jun. 17, 2019. <https://www.morningagclips.com/how-hot-dry-conditions-affect-herbicide-performance/>
24. **P. Devkota** (2019) How hot and dry conditions affect herbicide performance. Panhandle Ag e-News, Jun. 17, 2019. <https://nwdistrict.ifas.ufl.edu/phag/2019/06/17/how-hot-and-dry-conditions-affect-herbicide-performance/>
23. E. Carter and **P. Devkota** (2019) Spray water quality can affect pesticide performance. Panhandle Ag e-News, Apr. 26, 2019. <https://nwdistrict.ifas.ufl.edu/phag/2019/04/26/spray-water-quality-can-affect-pesticide-performance/>
22. **P. Devkota** (2019) Changes on the newer dicamba product registration for the upcoming season. Panhandle Ag e-News, Feb. <http://nwdistrict.ifas.ufl.edu/phag/2019/02/01/changes-to-the-dicamba-product-registration-for-the-upcoming-crop-season/>
21. **P. Devkota** (2019) Changes to the newer dicamba product registration for the upcoming season. Panhandle Ag e-News, Feb. 4, 2019. <http://florida.growingamerica.com/news/2019/02/changes-dicamba-product-registration-upcoming-crop-season>
20. J. Carter and **P. Devkota** (2019) New weed scientist in Florida. Southeastern Peanut Farmer. Pp. 16. Mar. 2019. https://issuu.com/sepfonline/docs/march_2019_web?e=10128635/683
19. **P. Devkota** (2018) Evaluation of POST-transplant application of Prefar 4-E herbicide on broccoli

- and celery. Imperial County Agricultural Briefs. Nov., 2018
18. **P. Devkota** (2018) Preemergence herbicides are important tools for weed management. Imperial County Agricultural Briefs. Oct. 2018
17. **P. Devkota** (2018) Soil solarization: A non-chemical method for pest control. Imperial County Agricultural Briefs. Jul. 2018
16. **P. Devkota** (2018) Preliminary results on: Evaluation of summer application of saflufenacil on non-dormant alfalfa. Imperial County Agricultural Briefs. May, 2018
15. **P. Devkota** (2018) Automated weeder: a potential weed control technology. Imperial County Agricultural Briefs. Mar. 2018.
14. O. Bachie and **P. Devkota** (2018) Iron (Fe) deficiency can cause chlorosis (yellowing) of alfalfa leaves. Imperial County Agricultural Briefs. Jan. 2018.
13. **P. Devkota** (2017) Problematic weeds and management challenges for onion production in the Imperial Valley. Imperial County Agricultural Briefs. Dec. 2017.
12. J.L. Aguair and **P. Devkota** (2017) Some problematic weeds of the Coachella valley. Imperial County Agricultural Briefs. Nov. 2017.
11. **P. Devkota** (2017) Problematic weeds for low desert grain sorghum production and their management. Imperial Valley Press. Nov. 2017.
10. **P. Devkota** (2017) Problematic weeds for low desert grain sorghum production and their management. Imperial County Agricultural Briefs. Oct. 2017.
9. **P. Devkota** (2017) Palmer amaranth: A notorious weed from Southwest US. Imperial County Agricultural Briefs. Sept. 2017.
8. O. Bachie, J. Diaz, **P. Devkota**, and A. Montazar (2017) Preliminary results of Imperial Valley growers needs assessment survey. Imperial County Ag Briefs. Sep. 2017
7. **P. Devkota** (2017) Weed control by soil-solarization. Imperial Valley Press. Aug. 2017.
6. **P. Devkota** (2017) Weed control by soil solarization. Imperial County Agricultural Briefs. Jul. 2017.
5. **P. Devkota** (2017) Important considerations for grass weed identification. Imperial County Agricultural Briefs. Jun. 2017.
4. **P. Devkota** (2017) Spray water quality and herbicide efficacy. Imperial County Agricultural Briefs. May 2017.
3. **P. Devkota** (2017) Southwest United States herbicide resistance listening session. Imperial County Agricultural Briefs. Mar. 2017.
2. **P. Devkota**, Welch-Bezemek MJ, Bachie O (2017) Associate vice-president for ANR and vice-provost for UCCE visit local research facilities. Imperial County Ag. Briefs. Feb. 2017.
1. Bachie, O. and **P. Devkota** (2017) Glyphosate-resistant horseweed: Awareness and best weed management practices for growers. Imperial County Agricultural Briefs. Jan. 2017.

EXTENSION PRESENTATIONS

29. **P. Devkota**, J. A. Ferrell, B. Butteimer (2021) UF/IFAS 2021 dicamba stewardship training. Virtual (Available at: <https://ifas-pest.catalog.instructure.com/courses/pice-2021-dicamba-stewardship-training>).
28. **P. Devkota** (2021) Peanut weed management update. UF/IFAS Peanut In-service Training. Quincy, FL (Feb. 16, 2021).
27. **P. Devkota** (2021) Changes in 2020 dicamba label and mitigating off-target movement. 2021 Panhandle Row Crops Update Series. Virtual meeting (Feb 3, 2021).
26. **P. Devkota** (2020) Herbicide-resistance (HR) and management strategies. Ag Program Information Team Web Update Meeting. Jay, FL (Mar 25, 2020).
25. **P. Devkota** (2020) Understanding off-target movement of dicamba. Statewide Dicamba

- Stewardship Training 2020. Gainesville, FL (Feb 18, 2020).
24. **P. Devkota** (2020) Weed control in peanut and cotton. Santa Rosa County Row Crop Meeting. Jay, FL (Feb 21, 2020).
 23. **P. Devkota** and B. Sellers (2020) Weed control for resilient pasture. Beef-Forage Workshop 2020. Marianna, FL (Feb 12, 2020).
 22. **P. Devkota** (2020) Common weeds in forage/pasture production systems in Florida. 2020 UF/IFAS Forage In-service Training. Marianna, FL (Jan 22, 2020).
 21. **P. Devkota** (2020) Weed control updates. UF/IFAS 2020 Row Crops In-service Training. Quincy, FL (Jan 21, 2020).
 20. **P. Devkota** (2020) Residual herbicide options in peanut and their mode of actions. 2020 Peanut In-service Training. Marianna, FL (Jan 17, 2020).
 19. **P. Devkota** (2019) Weed science research trial update and highlights. Extension Farm Field Day at West Florida Research Center. Jay, FL (Aug 20, 2019).
 18. **P. Devkota** (2019) Weed science research and extension program at UF/IFAS West Florida Research and Education Center. Santa Rosa County Legislative Tour. Jay, FL (July 15, 2019).
 17. **P. Devkota** (2019) An overview of herbicide mode of action. Ag Program Information Team Web Update Meeting. Jay, FL (Mar 27, 2019).
 16. **P. Devkota** (2019) Off-target movement of dicamba. Statewide Dicamba Stewardship Training 2019. Gainesville, FL (Mar 20, 2019).
 15. **P. Devkota** (2019) 2019 dicamba updates: cotton and soybean. Jackson County Row Crop Meeting. Marianna, FL (Mar 7, 2019).
 14. **P. Devkota** (2019) Weed science program at UF/IFAS West Florida Research and Education Center. Santa Rosa County Row Crop Update Meeting. Jay, FL (Feb 27, 2019).
 13. **P. Devkota** (2019) Tropical spiderwort and bermudagrass control in peanut. 2019 Tri-County Crop Update. Suwanee, FL (Feb 4, 2019).
 12. **P. Devkota** (2018) Evaluation of PRE herbicides for weed control in low desert forage crops. California Association of Pest Control Advisers Desert Valley Spring Meeting. Imperial, CA (May 18, 2018).
 11. **P. Devkota** (2018) Identifying characteristics of problematic weeds for California low desert crops. 2017 Agronomic Crops and Irrigation Water Mgmt Field Day. UC Cooperative Extension, Imperial. (Apr 18, 2018).
 10. **P. Devkota** (2018). Problematic weeds of low desert region and their identification. Desert Agriculture and Natural Resources Symposium. Coachella, CA (Feb 28, 2018).
 9. **P. Devkota** (2017) Evaluation of saflufenacil herbicide on non-dormant alfalfa. Fall Desert Crops Workshop 2017. Imperial, CA (Dec 7, 2017).
 8. **P. Devkota** (2017) Spray water quality: an important consideration for herbicide application. Progressive Farmers Meeting. Blythe, CA (Nov 16, 2017).
 7. **P. Devkota** (2017) Spray water quality: A critical consideration for herbicide application. Latioño Farmers Conference. Palm Desert, CA (Nov 7, 2017).
 6. **P. Devkota** (2017) Spray water quality: an important factor to consider for herbicide application. Salinas Valley Weed School 2017. Salinas, CA (Oct 30, 2017).
 5. **P. Devkota** (2017) Problematic weeds for low desert grain sorghum and their management. Low Desert Grain Sorghum Workshop 2017. Holtville, CA (Oct 3, 2017).
 4. **Devkota, P** (2017) Spray water quality: A critical consideration for herbicide application. California Association of Pest Control Advisers Desert Valley Spring Meeting. Imperial, CA (May 18, 2017).
 3. **P. Devkota** (2017) Spray water quality: an important aspect for herbicide application. 2017 Agronomic Crops and Irrigation Water Mgmt Field Day. UC Cooperative Extension,

- Imperial. (Apr 11, 2017).
2. **P. Devkota** (2017) Grass weed identification guides. 2017 Agronomic Crops and Irrigation Water Mgmt Field Day. UC Cooperative Extension, Imperial. (Apr 11, 2017).
 1. **P. Devkota** (2017) Alfalfa weed pest management. Integrated pest management in irrigated desert alfalfa workshop. UC Cooperative Extension, Imperial (Feb 28, 2017).

AFFITIALIATIONS/SERVICES TO PROFESSIONAL AND DEPARTMENTAL COMMITTEES

- **Member**, Research Priority Committee, Weed Science Society of America (Appointed term: **2020-2022**).
- **Member**, Weed Resistance and Technology Sterwardship Committee, Southern Weed Science Society (Appointed Term: **2021-2023**).
- **Board of Directors (Academia)**, Florida Weed Science Society (Appinted Term: **2020-2022**).
- **Member**, Inclusion, Diversity, Equity, & Access (IDEA) Committee, UF/IFAS Agronomy Department.
- **Member**, Funding Decisions and Structure Team, UF/IFAS Agronomy Department.
- **Judge**, Graduate Student Paper Contest, Weed Science Society of America 2020 Annual Meeting, Maui, HI (**Mar. 2020**).
- **Judge**, Graduate Student Paper Contest, 2020 Southern Weed Science Society Annual Meeting. Biloxi, MS (**Jan 2020**).
- **Chair**, Poster Session, Weed Science Society of America 2019 Annual Meeting. New Orleans, LA (**Feb, 2019**).
- **Judge**, Graduate Student Paper Contest, Weed Science Society of America 2019 Annual Meeting, New Orleans, LA (**Feb. 2019**).
- **Co-Chair**, Poster Session, Weed Science Society of America Annual Meeting 2018. Arlington, VA (**Feb. 2018**).
- **Chair**, Agronomy Session, California Weed Science Society Annual Meeting 2018. Monterey, Ca (**Jan, 2018**).
- **Judge**, Student Oral Contest, California Weed Science Society Annual Meeting 2018, Monterey, Ca (**Jan, 2018**).
- **Member**, Weed Science Society of America (**2014 – present**).
- **Treasurer**, Graduate Student Organization, Department of Botany and Plant Pathology, Purdue University (**Aug, 2015 -2016**).
- **Vice-Chair**, Agronomic Crops II (Soybeans, Dry Beans, Sugarbeets) North Central Weed Science Society - 70th Annual Meeting, Indianapolis, IN (**Dec, 2015**).
- **Graduate Student Senate**, Department of Botany and Plant Pathology, Purdue Grad Student Governance (**Sep, 2014 - Aug. 2015**).
- **Member**, North Central Weed Science Society (**2012 – 2016**).
- **Member**, Southern Weed Science Society (**2010 – 2012**).

JOURNAL REVIEWER (TOTAL REVIEWED: 32)

- | | |
|---|-----------------------|
| ▪ Reviewer , Journal of Cotton Science, National Cotton Council of America (# 2) | 2019 - Present |
| ▪ Reviewer , Peanut Science, American Peanut Research & Education Society (# 3) | 2019 - Present |
| ▪ Reviewer , Electronic Data Information System, The Florida OJ Service (# 4) | 2019 - Present |
| ▪ Reviewer , Weed Research, European Weed Research Society (# 2) | 2018 - Present |
| ▪ Reviewer , Plos One Journal, Public Library of Sciences (# 3) | 2017 - Present |
| ▪ Reviewer , UC IPM Pest Mangement Guidleines, UC ANR Publications (# 2) | 2017 - 2018 |
| ▪ Reviewer , Weed Technology Journal, Weed Science Society of America (# 11) | 2016 - Present |
| ▪ Reviewer , Agronomy Journal, American Society of Agronomy (# 5) | 2015 - Present |

HONORS AND AWARDS

National Level:

- **1st Place Graduate Team Award** Jul, 2015
Weed Olympic 2015, Weed Science Society of America, Columbus, OH
- **3rd Place Graduate Individual Award** Jul, 2015
Weed Olympic 2015, Weed Science Society of America. Columbus, OH

Regional Level:

- **1st Place Graduate Individual Award** Jul, 2015
Weed Olympics 2015, North Central Weed Science Society, Columbus, OH
- **Highest Individual at Herbicide Identification** Jul, 2015
Weed Olympics 2015, North Central Weed Science Society, Columbus, OH
- **1st Place Graduate Team Award** Jul, 2015
Weed Olympics 2015, North Central Weed Science Society, Columbus, OH
- **2nd Place Graduate Student Poster** Dec, 2014
Annual Meeting 2014, North Central Weed Science Society, Columbus, OH.
- **3rd Place Graduate Individual** Jul, 2013
Weed Contest 2013, North Central Weed Science Society. Monmouth, IL
- **Highest Individual at Herbicide Identification** Jul, 2013
Weed Contest 2013, North Central Weed Science Society, Monmouth, IL

University Level:

- **2019 Weier Outstanding Ph.D Student Award** Nov, 2016
Botany and Plant Pathology, Purdue University
- **Travel Award** Feb, 2016
Botany and Plant Pathology Graduate Student Organization, Purdue University
- **Merit Scholarship** Jul, 2004
B. Sc. Agriculture Entrance Examination, Tribhuvan University, Kathmandu, Nepal
- **Best Youth Redcross Circle Team Award** Dec, 2007
Nepal RedCross Society, Chitwan, Nepal

CERTIFICATIONS/TRAININGS/SKILLS

- Pesticide Applicator License (Agriculture Row Crop; Demonstration & Research). Florida Department of Agriculture and Consumer Services.
- Qualified Applicator License (Plant Agriculture; Demonstration and Research). California Department of Pesticide Regulation.
- Microsoft & data analysis software: Excel, PowerPoint, Word, ARM, JMP, SAS, SigmaPlot
- Initial Radiation Safety Training. Purdue University. West Lafayette, IN.
- UC ANR Drone Camp, 2018, San Diego, CA
- Communicating Your Research Workshop. Purdue University, West Lafayette, IN

LANGUAGES

- English, Nepali, and Hindi

REFERENCES

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