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EDUCATION

Ph.D. Weed Science. Virginia Tech. May 1997. Dissertation titled, 'Influence of isoxaben application timing on dissipation and broadleaf weed control in turf'.

M.S. Environmental Horticulture. University of Florida. April 1993. Thesis titled, 'Response of St. Augustinegrass [*Stenotaphrum secundatum* (Walt.) Kuntze.] to composted solid waste and irrigation frequency'.

Diploma 'International Gardener Training Program'. Longwood Gardens, Kennett Square, Pennsylvania. August 1990.

B.S. Agriculture. Kerala Agricultural University, India. December 1988.

EMPLOYMENT

August 1999 to present: Extension Weed Specialist and IPM Coordinator, West Virginia University Extension Service-ANR and Davis College of Agriculture, Natural Resources, and Design (DCANRD).

Primary responsibilities: Serve the Land Grant University as the primary source of information for West Virginia farmers and citizens on identification and management of weeds across all commodities. Serve as the Integrated Pest Management (IPM) Coordinator for the University to carry out programming to make judicious use of pesticides. Develop and teach two 3-credit courses for DCANRD, titled 'Principles of Weed Science' and 'Turfgrass Management' during odd fall semesters till 2013, and then onwards only the Weed Science course. Serve as a co-author for the annual regional publications titled 'Pest Management Guide for Field Crops' and 'Spray Bulletin Guide for Commercial Tree Fruit Growers'. Publish Extension Newsletters, Fact-Sheets, and web-based publications. Participate in field days, workshops, extension meetings, state-

wide pesticide videos, and perform site-visits to troubleshoot field problems related to weed management. Conduct applied research to manage weeds in tree fruits, turfgrass, field crops, pasture, vegetables, and ornamentals based on local and regional needs and disseminate results in appropriate media. Serve on the editorial board of 'Agronomy', review manuscripts for various peer-reviewed journals.

Major Accomplishments: Received '*Distinguished Service Award*' from the National Association of Agricultural County Agents (NACAA), 2016; '*Distinguished Senior Alumni Award*', Department of Plant Pathology, Physiology, and Weed Science, Virginia Tech, 2018; '*Gamma Sigma Delta Extension Faculty Award of Merit*', West Virginia University Chapter of Gamma Sigma Delta, 2018; and '*Research Excellence Award*' WVU Extension Service, 2019.

Served in several elected capacities at the regional level in professional organizations, and on grant panels for the National Institute of Food and Agriculture (NIFA) and other regional IPM Centers (Northeast, Southern and Western), and NE-SARE. Served as the President of the Northeastern Weed Science Society (2015-'16) and as the Chair of Organizing Committee of the first Northeastern Plant, Pest, and Soils Conference (2016). Served as an International Volunteer for 'Partners of the Americas', to assist with a US-AID supported project assist with weed management in vegetables in Guyana, South America.

Promoted to the rank of Clinical Associate Professor in 2005, and to the rank of Clinical Professor in 2011. Rank changed to Tenured Professor in 2012. Appointed as ANR Assistant Director for Research and Outreach in 2017. Secured \$1,549,068.00 (*as of 2019*) as Principal Investigator (PI), in addition to \$129,190 as Co-PI, in extramural funds for the University. This included funds for IPM coordination, applied research on weed management, and for outreach activities. Published four peer-reviewed book chapters, 17 peer-reviewed journal articles (10 as primary author), three peer-reviewed research reports, 38 abstracts, and 149 extension publications. Served on graduate committees, and as supervised full-, and part-time employees.

June 1997 to June 1999: Post-Doctoral Research Associate at Citrus Research and Education Center, University of Florida.

May 1993 to May 1997: Graduate Research Assistant at Virginia Tech.

September 1990 to May 1993: Graduate Research Assistant at University of Florida.

September 1989 to August 1990: International Gardener Trainee, Longwood Gardens, Pennsylvania.

December 1988 to August 1989: Worker/Supervisor, Sarachand Nursery, Trivandrum, India.

PUBLICATIONS

Invited Open Access Journal Articles

Chandran, R.S. 2020. Sustainable weed coexistence in corn crops. *Scientia Global – Biology*, March 19, 2020. *Scientia Global – Biology, March 19, 2020.* (<https://www.scientia.global/dr-rakesh-s-chandran-sustainable-weed-coexistence-in-corn-crops/>)

Peer-Reviewed Book Chapters

- Chandran, R.S. 2018. Sustainable weed control in orchards. *In Weed Control: Sustainability, Hazards, and Risks in Cropping Systems Worldwide.* Korres, N.E, N. R. Burgos, and S.O. Duke. (Ed.). Boca Raton, FL : CRC Press. pp 505-525.
- Chandran, R.S. 2014. Strategies for reduced herbicide use in Integrated Pest Management. *In Integrated Pest Management: Pesticide Problems, Vol.3* Pimentel, D. and Peshin, R. (Ed.). Springer. pp 303-329.
- Chandran, R.S. 2014. Experiences with implementation and adoption of Integrated Pest Management in Northeastern USA. *In Integrated Pest Management – Experiences with Implementation, Global Overview, Vol. 4.* Peshin, R and Pimentel, D. (Ed.). Springer. pp 37-64.
- Chandran, R.S. 2006. Integrated Turfgrass Weed Management. *In H.P. Singh, D.R. Bathish, and R.K. Kohli (Ed). Handbook of Sustainable Weed Management.* (pp 791-812). NY: Haworth Press.

Peer-Reviewed Journal Articles

- Frank, D.L., Starcher, S., Chandran, R.S. 2020. Comparison of Mating Disruption and Insecticide Application for Control of Peachtree Borer and Lesser Peachtree Borer (Lepidoptera: Sesiidae) in Peach. *Insects 2020, 11, 658.*
- Chandran, R.S., and K.A. Nelson. 2018. Effect of mulches on *Capsicum annum* yield attributes and weed control. *Int. J. Trop. Agri. Volume 36 (4):895-899.*
- Park, Y.-L., Gururajan, S., Thistle, H., Chandran, R. and Reardon, R. 2017. Aerial release of *Rhinoncomimus latipes* (Coleoptera: Curculionidae) to control *Persicaria perfoliata* (Polygonaceae) using an unmanned aerial system. *Pest Management Sci.*, doi:10.1002/ps.4670.
- Bhowmik P.C., and R.S. Chandran. 2015. Biology, ecology, distribution and current status of *Heracleum mantegazzianum* Sommier & Levier. *J. Crop and Weed, 11:1-17.*
- Chandran, R.S. 2015. Effect of glyphosate application rates, timings, and formulations on apple trees. *Int. J. Trop. Agri. 33(2:III):1329-1330.*
- Mandal, M., R.S. Chandran, and J.C. Sencindiver. 2013. Amending subsoil with composted poultry litter – I: Effects on soil physical and chemical properties. *Agronomy 3(4):670-684.*

- Mandal, M., R.S. Chandran, and J. Balasko. 2013. Amending subsoil with composted poultry litter – II: Effects on Kentucky bluegrass (*Poa pratensis*) establishment, root growth, and weed pressure. *Agronomy* 3(4):657-669.
- Steele, J., D.W. McGill, R.S. Chandran, W.N. Grafton, and C.D. Huebner. 2008. Landowner characteristics associated with receiving information about invasive plants and implications for outreach providers. *J. Extension*. 46(6):6FEA7
- Steele, J., R. S. Chandran, W. N. Grafton, C. D. Huebner, and D. W. McGill. 2006. "Awareness and management of invasive plants among West Virginia woodland owners." *J. Forestry* 104:248-253.
- Chandran, R.S., and M. Singh. 2003. Survey and control of Brazil pusley (*Richardia brasiliensis*) in Florida citrus. *Proc. of Fl. St. Hort. Soc.* 116:211-214.
- Chandran R. S. and M. Singh. 2000. Depletion of an artificial weed seed bank during the dormant period via heating and subsequent chilling of soil. *HortSci.* 35:1092-1094.
- Chandran R. S. and M. Singh. 2000. Antagonistic effect of thiazopyr on azafenidin to control yellow nutsedge (*Cyperus esculentus*). *Weed Technol.* 14:556-561.
- Chandran R. S., and J. F. Derr. 1999. Isoxaben dissipation in field soil as affected by application timings. *J. Environ. Qual.* 28:1760-1764.
- Chandran R. S., M. Singh, and S. Salihu. 1999. Thiazopyr stimulates hairy beggarticks (*Bidens pilosa*) germination. *Weed Technol.* 13:576-580.
- Chandran R. S. and M. Singh. 1999. Reduction of norflurazon leaching in a sandy soil by adjuvants. *Bull. Environ. Contam. Toxicol.* 62:315-323.
- Chandran, R. S., J. F. Derr, and S. W. Bingham. 1998. Effect of isoxaben application rate and timing on residual broadleaf weed control in turf. *Weed Technology*. 12:569-574.
- Chandran, R. S., and J. F. Derr. 1998. Duration of broadleaf weed control with isoxaben using bioassays. *Weed Technology*. 12: 542-547.
- Derr, J. F., R. S. Chandran and W. D. Ward. 1996. Preemergence and postemergence yellow nutsedge (*Cyperus esculentus*) control with MON 12000 in nursery crops. *Weed Technology* 10:95-99.

Peer Reviewed Research-Reports and Proceedings

- Pomp, J., D. McGill, W. Grafton, R. Chandran, and R. Richardson. 2010. Effects of mechanical and chemical control on *Microstegium vimineum* and its associates in central West Virginia. *In* Stanturf, J. A., (ed.). *Proceedings of the 14th biennial southern silvicultural research conference*. Gen. Tech. Rep. SRS-121. Asheville, NC: U.S. Dept. Ag, For. Ser., South. Res. Stn. 109-115.
- Chandran, R.S., J.F. Baniecki, A. Wilson, and M. Mandal. 2005. Susceptibility of Kentucky bluegrass under different regimes of composted poultry litter to *Drechslera* leaf spot, 2004. *Biol. Cultural Tests*. 20:T005.
- Chandran, R.S., J. Baniecki, R.W. Wallbrown, E.S. Hagood, and S. King. 2001. Incidence and severity of MDMV in a transgenic corn due to johnsongrass control methods. *Biol. Cultural Tests*. 16:C6.

Abstracts

- Chandran, R., and B.M. Loyd. 2019. Herbicide application timing to control bulbous buttercup (*Ranunculus bulbosus*) in a pasture. *Weed Sci. Soc. Amer. Abstracts*. 59:111.
- R. S. Chandran, D. Shipman, B. M. Loyd. 2019. Japanese stiltgrass (*Microstegium vimineum*) management in a pasture: Using a GDD model to apply pendimethalin. *Proc. Northeast. Plant, Pest, Soils Conf.* 4:29.
- Chandran, R.S. 2018. Herbicide resistance and management— Changing our mindset. *Proc. 9th International IPM Symposium*. 9:21.
- Chandran, R., M.L. Flessner, Q. Johnson, B.M. Loyd, and S. Starcher. 2017. Pendimethalin controls joint-head arthraxon (*Arthraxon hispidus*). *Proc. Northeast. Plant, Pest, Soils Conf.* 2:90.
- Johnson, Q., M. VanGessel, R. Chandran, and M.L. Flessner. 2017. Efficacy of pendimethalin and quinclorac for control of large crabgrass (*Digitaria sanguinalis* L.) in orchardgrass. *Proc. Northeast. Plant, Pest, Soils Conf.* 2:81.
- Flessner, M.L., R.S. Randhawa, Q. Johnson, and R. Chandran. 2017. Efficacy of quinclorac and pendimethalin for giant foxtail (*Setaria faberi*) control in hayfields. *Proc. Northeast. Plant, Pest, Soils Conf.* 2:85.
- Chandran, R.S. 2016. Herbicide banding in corn and associated floral diversity: yield dynamics over a five-year period. *In A. Gover (Ed.). Proc. Northeast. Plant, Pest, Soils Conf.* 1:70.
- Chandran, R.S. 2016. Does directed application of glyphosate injure apple trees in one year? *In A. Gover (Ed.). Proc. Northeast. Plant, Pest, Soils Conf.* 1:123.
- Chandran, R.S. 2013. Herbicide banding in *Zea mays* - A sustainable weed management solution? *J. Ecosys. Ecograph.* 3:4.
- Chandran, R.S., D.P. Friend. 2013. Aminocyclopyrachlor application timings to control perennial pasture-weeds. *Weed Sci. Soc. Amer. Abstracts*. 53:64.
- Chandran, R., R. Wallbrown, D. Workman and C. Yohn. 2012. Herbicide banding in corn – An improved pest management practice? 7th International Integrated Pest Management Symposium – IPM on the World Stage. *Proceedings* p-126. http://www.ipmcenters.org/ipmsymposium12/IPM_12_Proceedings_final.pdf (accessed December 12, 2012).
- Chandran, R.S., C.W. Yohn, and C.W. Coburn. 2011. Effect of herbicide banding on yield and biodiversity levels of field corn. *Proc. Northeast. Weed Sci. Soc.* 65:93.
- Chandran, R.S. 2011. Effect of indaziflam application timing on residual weed control in an apple orchard. *Proc. Northeast. Weed Sci. Soc.* 65:6.
- Chandran, R.S. 2011. Response of butterfly bush, Japanese barberry, and rose to foliar applications of sulfosulfuron. *Proc. Northeast. Weed Sci. Soc.* 65:5.
- Chandran, R.S. 2011. Pros and cons of genetically modified crops – Introduction to GE crops session. *BIT's Annual World Congress Ag. Biotechnol.* 1:041.

- Chandran, R.S. and E.S. Hagood. 2010. A fresh look at herbicide banding in corn. Proc. Northeast. Weed Sci. Soc. 64:4.
- Chandran, R.S. 2009. Selective burndown of common milkweed (*Asclepias syriaca*) and hemp dogbane (*Apocynum cannabinum*) in a legume-rich tall fescue (*Festuca arundinacea*) hayfield. Weed Sci. Soc. Amer. Abstracts. 49:149.
- Chandran, R.S. and J. Leather. 2009. Chemical mowing to reduce row-middle management costs in orchards. Proc. Northeast. Weed Sci. Soc. 63:9.
- Chandran, R.S., E.B. Smolder, and R.M. Wallbrown. 2009. Herbicide application using a weed wiper for pasture weed management. Proc. Northeast. Weed Sci. Soc. 63:10.
- Chandran, R.S. and J.L. Miller. 2009. Management of cut-leaf blackberry in pastures. Proc. Northeast. Weed Sci. Soc. 63:11.
- Chandran, R.S. and R.J. Keese. 2008. Evaluation of at-seeding granular herbicides in Kentucky bluegrass turf. Proc. Northeast. Weed Sci. Soc. 62:20.
- Chandran, R.S. 2008. Weed Management in Guyana Vegetable Production: An Assessment and Preliminary Recommendations. Fifth International Weed Sci. Congress Proceedings. 5:106.
- Mandal, M. and R.S. Chandran, 2006. Amending subsoil with composted poultry litter: effect on turf cover, soil physical and chemical properties, and weed pressure. Proc. Northeast. Weed Sci. Soc. 60:13.
- Chandran, R.S. 2006. Management of multiflora rose in West Virginia with grazing and herbicides. Proc. North Central Weed Sci. Soc. 61:241.
- Steele, J. and R. S. Chandran. 2005. Opportunities and challenges for engaging private woodlot owners in invasive plant management. Proc. Northeast. Weed Sci. Soc. 59:25.
- Mandal, M. and R.S. Chandran, 2005. Turfgrass cover and weed pressure in subsoil amended with composted poultry litter. Proc. Northeast. Weed Sci. Soc. 59:94.
- Loyd, B.M. and R.S. Chandran. 2005. Control of autumn olive using basal herbicide applications. Proc. National. Assoc. County Ag. Agents. 90:51.
- Chandran, R.S., D. Workman, M. Mandal, D. Beasley, S. Harper, and J. Hale. 2004. Confirmation of ALS-resistant johnsongrass in the Northeastern United States. Proc. Northeast. Weed Sci. Soc. 58:24.
- Chandran, R.S., M. Stenger, and M. Mandal. 2004. Effect of vinegar on potato weed control. Proc. Northeast. Weed Sci. Soc. 58:82.
- Chandran, R.S., A. Nandeshwar, V.M. Zachariahs, and M. Mandal. 2004. BLOW©: Biology and life cycle to weeds – prototype of an educational tool on weed growth and life cycles. Proc. Northeast. Weed Sci. Soc. 58:89.
- Bhowmik, P. and R.S. Chandran. 2004. Current status and significance of giant hogweed. Proc. Northeast. Weed Sci. Soc. 58:90.
- Mandal, M. and R.S. Chandran. 2004. Effect of composted poultry litter on germination of different weed species. Proc. Northeast. Weed Sci. Soc. 58:112.
- Chandran, R.S. 2004. Weed control in organic Vegetable Production. Fourth International Weed Sci. Congress Proceedings. 4:106.

- McDonald, L.M., M.Mandal, and R.S.Chandran. 2004. Compost rate on snap bean yield and weed populations. Northeastern Branch Abstracts: Amer. Soc. Agron., Soil Sci. Soc. of America. 2004:4.
- Chandran, R.S. 2003. Evaluation of vinegar and corn gluten for weed control in field-grown sweet pepper. Proc. Northeast. Weed Sci. Soc. 57:65.
- Chandran, R.S., and M. Singh. 2003. Survey and control of Brazil pusley (*Richardia brasiliensis*) in Florida citrus. 2003 Florida State Hort. Soc. Annual Meeting Abstracts. (Citrus section p 3).
- Chandran, R. S., P.L. Hipkins, and D. Richmond. 2002. Effect of metsulfuron-methyl application timing on multiflora rose (*Rosa multiflora*) control. Proc. South. Weed Sci. Soc. 55:106.
- Chandran, R.S. 2002. Effect of plastic mulches on apple weed control and drop fruit quality. Proc. Northeast. Weed Sci. Soc. 56:81.
- Chandran R. S, and H. W. Hogmire. 2001. Effect of preemergence herbicide application timing for weed control in apple. Proc. Northeast. Weed Sci. Soc. 55:75.
- Chandran R. S and M. Singh. 2001. Survey and control of Brazil pusley (*Richardia brasiliensis*) in Florida Citrus. Weed Sci. Soc. Amer. Abstracts. 41:11.
- Richmond, R., E. Smolder, M. B. Bennett, D. Davis, C. Hickman, J. Hileman, E. Rayburn, and R. Chandran. 2000. Multiflora rose (*Rosa multiflora*) control using fertilizer impregnated metsulfuron-methyl. Proc. Northeast. Weed Sci. Soc. 54:138.
- Chandran R. S and M. Singh. 1999. Effect of adjuvants on norflurazon reduction in a sandy soil. Proc. South. Weed Sci. Soc. 52:193.
- Chandran R. S, and J. F. Derr. 1998. Quantification of isoxaben breakdown in a field soil as affected by application timings. Weed Sci. Soc. Amer. Abstracts. 38:18.
- Chandran R. S, and J. F. Derr. 1998. Effect of application timing on isoxaben dissipation. Proc. South Weed Sci. Soc. 51:69.
- Chandran R. S, and J. F. Derr. 1997. Effect of isoxaben applied postemergence for broadleaf weed control. Proc. Northeast. Weed Sci. Soc. 51:41.
- Chandran, R. S., J. F. Derr and S. W. Bingham. 1996. Dissipation of isoxaben in soil using bioassays. Weed Sci. Soc. Amer. Abstracts. 36:22.
- Chandran, R. S., J. F. Derr and S. W. Bingham. 1996. Effect of timing and application rate of isoxaben for broadleaf weed control. Proc. Northeast. Weed Sci. Soc. 50:60.
- Chandran, R. S., J. F. Derr and S. W. Bingham. 1995. Residual weed control with isoxaben. Proc. Northeast. Weed Sci. Soc. 49:79.
- Chandran, R. S. and A. E. Dudeck. 1993. Response of St. Augustinegrass [*Stenotaphrum secundatum* (Walt.) Kuntze.] to composted solid waste and irrigation frequency. Amer. Soc. Agron. Abstracts. 85:156.

Research Reports

- Derr, J. F., R. S. Chandran and S. Salihu. 1996. Weed Control Investigations in Horticultural Crops. Department of Plant Pathology, Physiology, and Weed Science. Virginia Polytechnic Institute and State University. Information Note 175.
- Chandran, R. S., J. F. Derr, and S. W. Bingham. 1995. Long term broadleaf weed control with Gallery. Res. Report 1995. Virginia Tech Turfgrass and Landscape field days. p 69.
- Chandran, R. S., J. F. Derr, and S. W. Bingham. 1995. Long term control of broadleaf weeds in turf with Gallery. Res. Report 1994. Virginia Tech Turfgrass and Landscape field days. p 108.

Extension Publications

- Derr, J.F. and R.S. Chandran. 2020. Orchard Weed Control. *In* Pfeiffer, D. G. (Ed.), 2020 Spray Bulletin for Commercial Tree Fruit Growers. Va. Coop. Ext. Serv. Publ. 456-419. https://www.pubs.ext.vt.edu/content/dam/pubs_ext_vt_edu/456/456-419/ENTO-341w.pdf Pages 127-143.
- Wallace, J., D. Lingenfelter, Q. Johnson, M. VanGessel, K. Vollmer, T. Besancon, M.L. Flessner, and R. S. Chandran. 2020. 2020 Mid-Atlantic Field Crop Weed Management Guide. The Pennsylvania State University AGRS-136.
- E. Ernest, M. Infante-Casella, H.B. Doughty, G.C. Johnson, W. Kline, T.P. Kuhar, T.J. Orton, J.M. Wilson, M.J. VanGessel, R.W. VanVranken, K. Vollmer, R.A. Arancibia, T. Besançon, D.B. Langston, D. Owens, K. Holmstrom, J. Ingerson-Mahar, C.A. Wyenandt,, G.C. Hamilton, P.D. Hastings, G.E. Brust, K. Demchak L.W. Jett, F. Di Gioia, K.L. Everts, T.E. Elkner, R.S. Chandran, M.J. Hu, E. Sánchez, M.M. Rahman, D. Lingenfelter, J.M. Wallace, S.J. Fleischer, B.J. Lingbeek, B.K. Gugino. 2019. *In* C.A. Wyenandt and M.M.I. van Vuuren (Coordinators) , T. P. Kuhar, G. C. Hamilton, M. J. VanGessel, R. A. Arancibia, and C.A. Wyenandt, (Discipline Editors). 2019 Mid-Atlantic Commercial Vegetable Production Recommendations. (423p).
- Chandran, R.S., M. Danilovich, C. Quesada, B. Liedl, S. Owen, M.M. Rahman. IPM Chronicle – Fall 2020. 8(4)1-x. West Virginia University Extension Service Publication: AG 20-xx (in print).
- Chandran, R.S., M. Danilovich, S. Owen, M.M. Rahman, B. Liedl. IPM Chronicle – Spring/Summer 2020. 8(2-3)1-8. West Virginia University Extension Service Publication: AG 20-25.
- Chandran, R.S., M. Danilovich, S. Owen, M.M. Rahman, B. Liedl. IPM Chronicle – Winter 2020. 7(2)1-7. West Virginia University Extension Service Publication. AG 20-24.
- Derr, J.F. and R.S. Chandran. 2019. Orchard Weed Control. *In* Pfeiffer, D. G. (Ed.), 2019 Spray Bulletin for Commercial Tree Fruit Growers. Va. Coop. Ext. Serv. Publ. VT/0118/ENTO-257P. Pages 126-143.

- https://pubs.ext.vt.edu/content/dam/pubs_ext_vt_edu/456/456-419/456-419.pdf
- Curran, W.S., D. Lingenfelter, Q. Johnson, M. VanGessel, B. Schulz, T. Besancon, C. Cahoon, M.L. Flessner, and R. S. Chandran. 2019. 2019 Mid-Atlantic Field Crop Weed Management Guide. The Pennsylvania State University AGRS-136.
- E. Ernest, M. Infante-Casella, H.B. Doughty, G.C. Johnson, W. Kline, T.P. Kuhar, T.J. Orton, J.M. Wilson, M.J. VanGessel, R.W. VanVranken, K. Vollmer, R.A. Arancibia, T. Besançon, D.B. Langston, D. Owens, K. Holmstrom, J. Ingerson-Mahar, C.A. Wyenandt,, G.C. Hamilton, P.D. Hastings, G.E. Brust, K. Demchak L.W. Jett, F. Di Gioia, K.L. Everts, T.E. Elkner, R.S. Chandran, M.J. Hu, E. Sánchez, M.M. Rahman, D. Lingenfelter, J.M. Wallace, S.J. Fleischer, B.J. Lingbeek, B.K. Gugino. 2019. In C.A. Wyenandt and M.M.I. van Vuuren (Coordinators) , T. P. Kuhar, G. C. Hamilton, M. J. VanGessel, R. A. Arancibia, and C.A. Wyenandt, (Discipline Editors). 2019 Mid-Atlantic Commercial Vegetable Production Recommendations. (413p)
- Chandran, R.S. 2020. 'Weed of the Week – 'Yellow Woodsorrel'. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/yellow-woodsorrel>
- Chandran, R.S. 2020. 'Weed of the Week – 'Japanese Stiltgrass'. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/japanese-stiltgrass>
- Chandran, R.S. 2020. 'Weed of the Week – 'Hairy Galinsoga'. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/hairy-galinsoga>
- Chandran, R.S. 2020. 'Weed of the Week – 'Common Purslane'. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/common-purslane>
- Chandran, R.S. 2020. 'Weed of the Week – 'Broadleaf Plantain'. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/broadleaf-plantain>
- Chandran, R.S. 2020. 'Weed of the Week – 'Common Lambsquarters'. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/common-lambsquarters>
- Chandran, R.S. 2020. 'Weed of the Week – 'Common Chickweed'. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/common-chickweed>
- Chandran, R.S. M.M. Rahman, T. Basden, J. Murray. Identifying and Preventing Herbicide Injury to Landscape Plants and Vegetables. . West Virginia University Extension Service Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/plant-disease/identifying-preventing-herbicide-injury>
- Chandran, R.S., M. Danilovich, D. Frank, S. Owen, M.M. Rahman. IPM Chronicle – Fall 2019. 7(4)1-6. West Virginia University Extension Service Publication: AG 19-398.

- Chandran, R.S., M. Danilovich, D. Frank, S. Owen, M.M. Rahman, B. Liedl. IPM Chronicle – Summer 2019. 7(3)1-8. West Virginia University Extension Service Publication: AG 19-222.
- Chandran, R.S., M. Danilovich, D. Frank, S. Owen, M.M. Rahman, B. Liedl. IPM Chronicle – Spring 2019. 7(2)1-6. West Virginia University Extension Service Publication. AG 19-191.
- Chandran, R.S., M. Danilovich, D. Frank, S. Owen, M.M. Rahman, B. Liedl. IPM Chronicle – Winter 2019. 7(1)1-8. West Virginia University Extension Service Publication: AG 19-23.
- Chandran, R.S. 2019. ‘Weed of the Week – ‘Mugwort’. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/mugwort>
- Chandran, R.S. 2019. ‘Weed of the Week – ‘Mile-A-Minute’. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/mile-a-minute>
- Chandran, R.S. 2019. ‘Weed of the Week – ‘Yellow Nutsedge’. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/yellow-nutsedge>
- Chandran, R.S. 2019. ‘Weed of the Week – ‘Nimblewill’. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/nimblewill>
- Chandran, R.S. 2019. ‘Weed of the Week – ‘Crabgrass’. WVU Extension Service Webpage Fact Sheet. <https://extension.wvu.edu/lawn-gardening-pests/weeds/crabgrass>
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AWARDS AND HONORS

Recipient of 'M. Garry Schnappinger Service Recognition Award' Northeastern Weed Science Society, 2020.

Recipient of '*Research Excellence Award*' WVU Extension Service, 2019.

National Winner '*Weed Science Society of America Photo Contest – Weed in a Landscape*', WSSA Annual Meeting, 2019.

Third Place National Winner 'Professional Excellence Applied Research Poster' (along with B.M. Loyd and D. Shipman). National Association of Agricultural County Agents (NACAA) Annual Conference, 2019.

'Distinguished Senior Alumnus' - Department of Plant Pathology Physiology and Weed Science, Virginia Tech, 2018.

'National Winner – Team Newsletter' (along with D. Frank, M.M. Rahman, M. Danilovich, S. Owen, B. Liedl). National Association of Agricultural County Agents (NACAA), 2017.

'Distinguished Service Award' National Association of Agricultural County Agents (NACAA), 2016.

'Team Program Excellence Award for 2013' (along with D. Frank and M. Rahman). WVU Extension Service.

'Team Program Excellence Award for 2007' (along with other Grassland Team members). WVU Extension Service

Inducted into ***Epsilon Sigma Phi***, the National Honor Fraternity for Extension Service Professionals, West Virginia Chapter, 2005.

Inducted into ***Gamma Sigma Delta***, the National Honor Society of Agriculture and Forestry, West Virginia University Chapter, 2004.

Third Place 'Photo Contest' Northeastern Weed Science Society 58th Annual Meeting, 2004.

'Arthur J. Webber Award for Outstanding Graduate Student of the Year' (along with S. Salihu). Department of Plant Pathology Physiology and Weed Science, Virginia Tech, 1996.

First Place, Graduate Team (along with M. Czarnota and S. Salihu) Collegiate Weed Contest, Northeastern Weed Science Society 1995.

PROFESSIONAL ASSOCIATION MEMBERSHIPS & OTHER SERVICES

Member of Northeast Research, Extension and Academic Program Committee for Integrated Pest Management (NEREAP-IPM) (1999 to present).

Member, Weed Science Society of America (1995 to present).

Member, Northeastern Weed Science Society (1994 to present).

Member, National Agricultural County Agents Association (2010 to present)