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Publications:

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Books

1. **Abhishek Tripathi**, Neeta Sharma (2013). Eco-Friendly Management of Gladiolus Diseases. Published by Lap Lambert Academic Publishing. AV Akademikerverlag GmbH & Co. KG, Heinrich-Bocking- Str. 6-8, 66121 Saarbrücken, Deutschland/ Germany. Email: info@lap-publishing.com, **ISBN: 978-3-659-37060-1-1**
2. Afroz Alam, Sharad Vats, **Abhishek Tripathi** (2014). **Plant Physiology**, Publisher: Narendra Publishing House, 1417, Kishan Dutt Street, Mali Wara, Delhi - 110006 (INDIA) Tel.: 011-23268470 Telefax: 011-23259412, e-mail : info@nphindia.com ; nphindia@gmail.com, website : www.nphindia.com **ISBN: 978-93-84337-23-0**
3. Neeta Sharma, A Sharma and **Abhishek Tripathi**. **Basic Plant Pathology** (2018). Publisher: CBS Publishers and Distributors Pvt Ltd, 4819/XI Prahlad Street, 24 Ansari Road, Daryaganj, New Delhi 110 002, India. Ph: 23289259, 23266861, 23266867 Fax: 011-23243014 e-mail: delhi@cbspd.com; cbspubs@airtelmail.in. Website: www.cbspd.com **ISBN: 978-93-86827-88-3**

4. **Abhishek Tripathi** and Afroz Alam. Objective Botany; A student Jovial Approach for All Entrance Examinations (2020). Publisher: Indu Book Services Pvt. Ltd. 4638, 1st Floor, 21 Ansari Road Daryaganj, New Delhi, Delhi 110002, India. Website: www.indubookservices.com, ISBN-10 : 9386754606, ISBN-13 : 978-9386754608

Book Chapters

1. Neeta Sharma and Abhishek Tripathi (2007). Control of Toxigenic fungi by essential oil from pericarp of *Citrus sinensis* (Mosambi). Chapter 31: pp. 253-259 In: Herbal Technology: Recent Trends and Progress (Eds. Daniel, M., Arya, Arun and Raole, V.M.) Scientific Publishers, Jodhpur, India. ISBN: 81-7233-479-6
2. Neeta Sharma, Pallavi Awasthi, Abhishek Tripathi, Shefali Aganihotri, Swati Sharma and Basant Prabha (2007). Commercial use of fungi as biocontrol agents. Chapter 2: pp. 20-34. In: BioControl of Plant Diseases Ed. By Prof. P.C. Trivedi. Avishkar Publishers, Distributors, Jaipur-302003 (Rajasthan) India. ISBN: 978-81-7910-205-3 <http://www.kkagencies.com/toc/53956.htm>
3. Abhishek Tripathi, Neeta Sharma and Nidhi Tripathi (2010). Biological control of plant diseases: An overview and the *Trichoderma* system as bio-control agent. Chapter 10: pp. 121-137. In: *Management of Fungal Plant Pathogens*, edited by Arun Arya and Analía Edith Perelló. CABI (the "Publishers") of Nosworthy Way, Wallingford, Oxfordshire, Oxon OX10 8DE, United Kingdom. ISBN-13: 978 1 84593 603 7.
4. Richa Tiwari and Abhishek Tripathi (2014). The Multifaceted Role of the *Trichoderma* System in Biocontrol. Chapter 09: pp. 183-210. In: *Biological Control for Preventing Food Deterioration, Strategies for Pre- and Postharvest Management*, edited by Neeta Sharma. John Wiley & Sons Ltd. UK (the "Publishers") of The Atrium, Southern Gate, Chichester, West Sussex, PO19 8SQ, United Kingdom. ISBN: 987-1-118-53306-2.
5. Afroz Alam, Rashmi Chandra and Abhishek Tripathi (2019). Ethno-medicinal importance of Quranic and Prophetic Plants. Chapter 1: pp 1-29 In: Ethenobotany Volume 2, Editor Dr. Suresh Kumar. Kojo Press.
6. **Abhishek Tripathi** and Afroz Alam (2020). Ecofriendly Combating Natural Essential Oils against Postharvest Phytopathogenic Fungi: Holistic Overview Chapter 06: pp. 103-120. In: *Bio-Management of Postharvest Diseases and Mycotoxigenic Fungi*, edited by Neeta Sharma and Avantina S. Bhandari. CRC Press Taylor and Francis (the "Publishers") of 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487-2742 and 2 Park Square, Milton Park, Abingdon, Oxon, OX14 4RN ISBN: [978-1-4987-9731-3] (hbk) ISBN: [978-1-003-08922-3] (ebk) eBook ISBN 9781003089223, DOI <https://doi.org/10.1201/9781003089223>
7. **Abhishek Tripathi** and Afroz Alam (2020). Mycotoxins, Mycotoxicosis and Managing Mycotoxin Contamination: A Review Chapter 09: pp. 161-180. In: *Bio-Management of Postharvest Diseases and Mycotoxigenic Fungi*, edited by Neeta Sharma and Avantina S. Bhandari. CRC Press Taylor and Francis (the "Publishers") of 6000 Broken Sound Parkway

NW, Suite 300, Boca Raton, FL 33487-2742 and 2 Park Square, Milton Park, Abingdon, Oxon, OX14 4RN ISBN: [978-1-4987-9731-3] (hbk) ISBN: [978-1-003-08922-3] (ebk) eBook ISBN 9781003089223 DOI <https://doi.org/10.1201/9781003089223>

Review Articles

1. **Abhishek Tripathi**, Neeta Sharma, Vinay Sharma, Afroz Alam (2013). **A review on conventional and non-conventional methods to manage post-harvest diseases of perishables.** *Researcher* 2013; 5(6):6-19. (ISSN: 1553-9865). <http://www.sciencepub.net/researcher>.
2. Afroz Alam, **Abhishek Tripathi**, Vinay Sharma and Neeta Sharma (2017). **Essential Oils: A Novel Consumer and Eco-friendly Approach to Combat Postharvest Phytopathogens.** *Journal of Advances in Biology & Biotechnology* 11(1): 1-16, 2017; Article no.JABB.30212 ISSN: 2394-1081. <http://www.sciencedomain.org>

Research Papers (International and National)

- 1) Neeta Sharma and **Abhishek Tripathi** (2006). Fungitoxicity of the essential oil of *Citrus sinensis* on post- harvest pathogens. **World Journal of Microbiology and Biotechnology** Vol. 22(6): 587-593. DOI: 10.1007/S 11274-005-9075-3. **(Impact Factor: 0.745)**
- 2) Neeta Sharma,, **Abhishek, Tripathi**, R.R. Verma, (2006). Synergistic bio-efficacy of three plant extracts on sporulation of fruit rotting fungi. **Journal of Mycopathological Research.** Vol.44 (1): 55-60.
- 3) Neeta Sharma, Pallavi Awasthi, **Abhishek Tripathi**, Swati Sharma, Basant Prabha and Shefali Agnihotri (Nee) Bajpai. (2006). Control of *Aspergillus niger* (L.)Van Tieghem in mango fruits utilizing combination of yeast and chitosan, a soft fungicide. **Indian Journal of Plant Pathology** 24(1&2): 74-76.
- 4) N. Sharma, U.K.Verma and **Abhishek Tripathi** (2007). Bioactivity of essential oil from *Hyptis suaveolens* against storage mycoflora. In: Proc. International Conference on Controlled Atmosphere and Fumigation in Stored Products, Gold-Coast Australia. 8-13th August 2004. (Eds. Donahaye, E.J., Navarro, S., Bell, C., Jayas, D., Noyes, R., Phillips, T.W.) FTIC Ltd. Publishing, Israel. pp. 99-116.
- 5) Neeta Sharma, **Abhishek Tripathi**. (2008). Effects of *Citrus sinensis* (L.) Osbeck epicarp essential oil on growth and morphogenesis of *Aspergillus niger* (L.)Van Tieghem. **Microbiological Research.** Vol 163: 337-344. doi: 10.1016/j.micres.2006.06.009 **(Impact Factor: 2.015)**
- 6) Neeta Sharma, **Abhishek Tripathi**. (2008). Integrated management of postharvest *Fusarium* rot of gladiolus corms using hot water, UV-C and *Hyptis suaveolens* (L.) Poit. essential oil. **Postharvest Biology and Technology.**47:246-254. doi:10.1016/j.postharvbio.2007.07.001 **(Impact Factor: 1.590)**

- 7) **Abhishek Tripathi**, Neeta Sharma and Vinay Sharma (2008). *Hyptis suaveolens* (L.) Poit: A source of potential fungitoxic essential oil against post-harvest pathogens. **Biochemical and Cellular Archives** 8(1): 1-6
- 8) **Abhishek Tripathi**, Neeta Sharma and Vinay Sharma (2009). *In vitro* efficacy of *Hyptis suaveolens* L. (Poit) essential oil on growth and morphogenesis of *Fusarium oxysporum* f.sp. *gladioli* (Massey) Snyder & Hansen. **World Journal of Microbiology and Biotechnology**. 25: 503-512. DOI 10.1007/s11274-008-9916-y (**Impact Factor: 0.745**)
- 9) Afroz Alam, **Abhishek Tripathi**, Sharad Vats, Kambaska Kumar Behera and Vinay Sharma (2011). In vitro antifungal efficacies of aqueous extract of *Dumortiera hirsuta* (Swaeagr.) Nees against sporulation and growth of postharvest phytopathogenic fungi. *Archive for Bryology* 103 (2011).
- 10) Afroz Alam, Vinay Sharma, S. C. Sharma and **Abhishek Tripathi** (2012). Bryoflora of Munsyari and Dharchula Tehsil of Pithoragarh, Uttarakhand, Western Himalayas, India. *Archive for Bryology* 140 (2012).
- 11) **Abhishek Tripathi**, Neeta Sharma, Vinay Sharma and Afroz Alam (2013). Control of *Aspergillus niger* (L.) Van Tieghem in mango: A fruit utilizing combination of Yeast and Chitosan (A Soft Fungicide). *International Journal of Horticultural & Crop Science Research*. ISSN 2249-4243 Volume 3, Number 1 (2013), pp. 43-49 © Research India Publications <http://www.ripublication.com/ijhcsr.htm>
- 12) **Abhishek Tripathi**, Neeta Sharma, Vinay Sharma and Afroz Alam. (2013). Integrated eco-friendly management of Fusarium corm rot and yellows by sowing hot water, UV-C and/or essential oil treated gladiolus corms in soil solarized and/or essential oil fumigated experimental fields. *International Journal of Horticultural & Crop Science Research*. ISSN 2249-4243 Volume 3, Number 1 (2013), pp. 51-63 © Research India Publications <http://www.ripublication.com/ijhcsr.htm>
- 13) **Abhishek Tripathi**, Neeta Sharma, Vinay Sharma and Afroz Alam. (2013). Bioactivity of Essential Oil of *Hyptis suaveolens* (L.) Poit. Against Pathogenic Microflora. *Global Journal of Applied Agricultural Research*. ISSN 2248-9991 Volume 3, Number 1 (2013), pp. 45-48 © Research India Publications <http://www.ripublication.com/gjaar.htm>
- 14) Pankaj Kumar Singh, Akhilesh Tripathi, Paritosh Singh Rana, **Abhishek Tripathi** and Pankaj Kumar Pandey (2024). COVID-19 pandemic- mitigation and governmental response, Uttarakhand. *Journal of Preventive Medicine and Holistic Health* 2024;10(2):83–87 <https://doi.org/10.18231/j.jpmmh.2024.019>

Abstracts published in conferences/ symposia/seminars/workshops proceedings (Poster presentations):

- 1) Jitendra Kumar Singh, Nirmal De, R.S. Singh, H.B. Singh, K. Suresh Kumar and **Abhishek Tripathi** (2003). Combination of digested sludge as an organic manure and inorganic fertilizer for spinach (*Spinacia oleracea*) production. Abstract pp. 54. In: National

Symposium Organic Farming in Horticulture for Sustainable Production, organized by CISH, Lucknow held at IISR, Lucknow, August 29-30, 2003.

- 2) **Abhishek Tripathi**, Arti Mishra and Neeta Sharma (2004). Antifungal activity of methanolic extract of *Cassia fistula* (L.) against storage mycoflora of *Brassica campestris* (L.). Abstract pp. 38. In: Symposium on recent advances in fungal bioagents and their societal benefits, held at N.B.R.I. Lucknow. Zonal Meeting of Indian Society of Mycology and Plant Pathology (East Zone). 10th September 2004.
- 3) U.K. Verma, Neeta Sharma, J.K. Singh, and **Abhishek Tripathi** (2004). Polysaccharide-based coatings as carriers for *Candida utilis* and *Debaryomyces hansenii* in reducing decay of tomatoes. Abstract pp. In: Symposium on recent advances in fungal bioagents and their societal benefits held at N.B.R.I. Lucknow. Zonal meeting of Indian Society of Mycology and Plant Pathology (East Zone). 10th September 2004.
- 4) **Abhishek Tripathi** and Neeta Sharma (2005). Ecofriendly approach in controlling diseases of *Gladiolus* by using essential oil of *Hyptis suaveolens*. Abstract pp. 60. In: Third International Conference on Plants & Environmental Pollution, at NBRI Lucknow, organized by International Society of Environmental Botanists & National Botanical Research Institute, Lucknow, India. 28th Nov – 2nd Dec 2005
- 5) Shashi Gupta, **Abhishek Tripathi** and Neeta Sharma (2006). Effect of chitosan coating and essential oil treatment on natural infection of aonla fruit. Abstract pp. 127. In: National Symposium on Microbial Diversity and Plant Health Problems, , under the auspices of Indian Phytopathological Society, ME Zone, organized by Department of Botany, D.D.U. Gorakhpur University, Gorakhpur, India. December 18 and 19, 2006
- 6) Swati Sharma, **Abhishek Tripathi**, Aradhana Vaish and Anupama Tewari (2007). *Bacillus*: a biocontrol agent. Abstract pp. 92. In: Annual Meeting of Indian Phytopathological Society (Mid-Eastern Zone) and National Symposium on “Advancing Frontiers of Plant Disease Management”, Department of Plant Pathology, Narendra Deva University of Agriculture & Technology, Kumarganj, Faizabad- 224 229 U.P.), India. November 15-17, 2007.
- 7) **Abhishek Tripathi** and Nidhi Tripathi (2008). *In vitro* efficacy of essential oil from leaves of *Lantana camara* L. against corm rot pathogens of gladiolus. In : International Conference on Molecular Biology and Biotechnology, 19-21 October 2008. Organised by Department of Bioscience and Biotechnology, Banasthali University, P.O. Banasthali Vidyapith 304022, Rajasthan. pp. 19(Abstract)

Oral Paper Presentations:

- 1) N. Sharma and **A. Tripathi** (2005). Control of toxicogenic fungi by essential oil from pericarp of *Citrus*. Abstract pp. 35-36. In: National Seminar on Herbal Technology. Organized by Department of Botany, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara 390 002, Gujarat. 28th- 29th January 2005.
- 2) Neeta Sharma Basant Prabha and **Abhishek Tripathi** (2006). Control of blue mold disease of apple fruit using hot water treatment in combination with chitosan. Abstract pp.125-126.

In: National Symposium on Microbial Diversity and Plant Health Problems, Under the auspices of Indian Phytopathological Society, ME Zone, organized by Department of Botany, D.D.U. Gorakhpur University, Gorakhpur, India. December 18 and 19, 2006

- 3) **Abhishek Tripathi** and Nidhi Tripathi (2008). *In vitro* efficacy of essential oil from leaves of *Lantana camara* L. against corm rot pathogens of gladiolus. In : International Conference on Molecular Biology and Biotechnology, 19-21 October 2008. Organised by Department of Bioscience and Biotechnology, Banasthali University, P.O. Banasthali Vidyapith 304022, Rajasthan.