

List of Research Papers published during 2020-21

S. N.	Research Article	Authors	Journal Name
1	Symptomatology and pathogenic variability of <i>Alternariacarthami</i> isolates from Maharashtra state infecting safflower crop.	SS Wagh, AP Suryawanshi, CV Ambadkar and SL Badgujar	International Journal of Chemical Studies; 2020 8(2): 1533-1538.
2	Cultural and genetic diversity of <i>Rhizoctoniabataticola</i> isolates causing dry root rot of chickpea.	P.A. Gaikwad, D.N. Dhutraj and C.V. Ambadkar	International Journal of Current Microbiology and Applied Sciences; 2020, 9 (4): 981-996
3	Effect of organic and inorganic sources of carbon and nitrogen on growth and sclerotial production of <i>Rhizoctoniabataticola</i> causing dry root rot of chickpea.	PA Gaikwad, DN Dhutraj and CV Ambadkar	International Journal of Chemical Studies, 2020, 8(2): 1708-1711
4	Effect of soil moisture regimes and soil types on incidence of <i>Rhizoctoniabataticola</i> causing dry root rot of chickpea	PA Gaikwad, DN Dhutraj and CV Ambadkar	International Journal of Chemical Studies; 2020, 8(2): 1736-1739
5	Integrated management of <i>Alternaria</i> blight of safflower caused by <i>Alternariacarthami</i> under field conditions,	SS Wagh, AP Suryawanshi, SL Badgujar and CV Ambadkar	International Journal of Chemical Studies; 2020, 8(2): 1957-1962
6	Screening of safflower varieties/cultivars, genotypes and germplasm lines against <i>Alternariacarthami</i> .	SS Wagh, AP Suryawanshi, SL Badgujar and CV Ambadkar	International Journal of Chemical Studies; 2020, 8(2): 1929-1931
7	Bio-Efficacy of Milastin-K (<i>Bacillus subtilis</i> KTSB 1015 1.5% A.S.) as a Potential Bio-Control Agent for Management of Bacterial Blight (<i>Xanthomonasaxonopodis</i>) and Anthracnose (<i>Colletotrichumgloeosporioides</i>) Diseases in Pomegranate.	SandeepaKanitkar, V. M. Raut, V. N. Shinde, T. B. Tambe, C. V. Ambadkar, MedhaKulkarni and MeghrajKadam	International Journal for Research in Applied Sciences and Biotechnology, 2020, 7(4) :18-23
8	Screening of chickpea germplasm for resistance against wilt caused by <i>Fusarium oxysporum f. sp. ciceri</i> .	PL Sontakke, DN Dhutraj, KT Apet and CV Ambadkar	International Journal of Chemical Studies; 2020, 8(4): 1498-1504
9	Status of Chickpea Wilt caused by <i>Fusarium oxysporum f. sp. ciceri</i> in Marathwada Region of Maharashtra State.	P. L. Sontakke, D. N. Dhutraj, C. V. Ambadkar and S. L. Badgujar	International Journal of Current Microbiology and Applied Sciences, (2020), 9(7): 2553-2560
10	Evaluation of fungicides and bioagents against <i>Rhizoctonia bataticola</i> causing dry root rot of Chickpea.	P.A. Gaikwad, D.N. Dhutraj, C.V. Ambadkar and K.D. Navgire	Journal of Plant Disease Science, 2020, 15(2) :152-158

11	Integrated disease management of <i>Rhizoctoniabaticola</i> causing dry root rot of chickpea.	PA Gaikwad, DN Dhutraj, CV Ambadkar and KD Navgire	Journal of Pharmacognosy and Phytochemistry, 2020, 9 (4): 3202-3206
12	Effect of root exudates of chickpea cultivars on <i>Fusarium Oxysporum</i> F. Sp. <i>Ciceri</i> (Padwick) Synder and Hans	Hale SM, Patil MG, Chapke SM and Ambadkar CV	Journal of Pharmacognosy and Phytochemistry 2020; 9(6): 1369-1372
13	Cultural, morphological and pathogenic variability among the different isolates of <i>Fusarium oxysporum</i> f. sp. <i>ciceri</i>	Hale SM, Patil MG, Chapke SM and Ambadkar CV	International Journal of Chemical Studies 2020; 8(6): 1195-1201

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1	Antagonistic properties of certain biocontrol agents against <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> and <i>Sclerotium rolfsii</i>	R. R. Chavan, C. V. Ambadkar and P. B. Bhalerao	Journal of Plant Disease Sciences, 16 (2): 91-93
2	Evaluation of different essential oils against <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> and <i>Sclerotium rolfsii</i> causing wilt and collar rot diseases in tomato and brinjal	R. R. Chavan, C.V. Ambadkar and J. D. Sirsat	Journal of Plant Disease Sciences 16 (2): 94-98
3	<i>In vitro</i> evaluation of different fungicides against <i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i>	R.R.Chavan, S.A.Karande, C.V.Ambadkar, P. B. Bhalerao and M. G. Pati	The Pharma Innovation Journal, 10 (12): 1972-1975
4	Assessment of genetic diversity of <i>Fusarium oxysporum</i> f.sp. <i>ciceri</i> using SSR markers	M.G. Patil, Satish Kachare and Om Gupta	Aisan Journal of Microbiology biotechnology environmental science, 23 (4) :43-47
5	Screening of chickpea genotypes for wilt resistance	M.G. Patil, Om Gupta and P.L. Sontakke	Journal of Plant Disease Sciences, 16 (2) : 139-144
6	Evaluation of different mutagens against <i>Fusarium oxysporum</i> f.sp. <i>ciceri</i> causing chickpea wilt	M.G. Patil, V.G.Kasod, C.V.Ambadkar and K.T. Apet	Journal of Plant Disease Sciences, 16 (2) : 149-155
7	<i>In vitro</i> evaluation of different bioagents against <i>Alternaria solani</i> .	P. B. Bhalerao, M.G. Patil and R.R. Chavan	The Pharma Innovation Journal; 10(12): 2823-2824
8	<i>In vivo</i> evaluation of fungicides on leaf blotch of turmeric caused by <i>Taphrina maculans</i>	S.B. Pawar, K.T. Apet and K.P. Nirwal	The Pharma Innovation Journal; 10(10): 475-477
9	<i>In vivo</i> evaluation of bioagents on leaf blotch of turmeric caused by <i>Taphrina maculans</i>	S.B. Pawar, K.T.Apet and K.P. Nirwal	The Pharma Innovation Journal; 10(10): 448-450

10	<i>In vivo</i> evaluation different doses of consortia on leaf blotch of turmeric caused by <i>Taphrina maculans</i>	S.B. Pawar, K.T.Apet and D.S. Kadam	The Pharma Innovation Journal; 10(10): 478-480
11	Isolation, identification and pathogenicity of <i>Macrophomina phaseolina</i> causing dry root rot of chickpea.	S.A. Karande, K.D. Navgire and D.K.Sontakke	Indian Journal of Agriculture and Allied Sciences, 7(4): 161-164
12	Isolation, purification, identification and pathogenicity of <i>Macrophomina phaseolina</i> (Tassi) Goid causing dry root rot disease of safflower	D.K.Sontakke, K.D. Navgire and S.A. Karande	Indian Journal of Agriculture and Allied Sciences, 7(4): 175-179
13	Induction of systemic resistance and management of dry root rot disease of safflower caused by <i>Macrophomina phaseolina</i> (Tassi) Goid by biocontrol agents.	D.K.Sontakke, K.D. Navgire and S.A. Karande	Indian Journal of Agriculture and Allied Sciences, 7(4): 151-160

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1	Evaluation of fungicides against <i>Macrophomina phaseolina</i> caused by dry root rot of safflower	MD Navale, VM Gholve and GS Pawar	The Pharma Innovation Journal 2022; 11(9): 2683-2690
2	Evaluation of Bioagents and Phytoextract against <i>Macrophomina phaseolina</i> caused by Dry Root Rot of Safflower	MD Navale, VM Gholve and GS Pawar	Biological Forum – An International Journal 14(3): 1365-1370(2022)
3	Ecofriendly management of stem rot of groundnut (<i>Arachis hypogaea</i> L.) caused by <i>Sclerotium rolfsii</i> Sacc.	Pawar GS, Gholve VM and Navale MD	The Pharma Innovation Journal 2022; 11(8): 37-42
4	Studies on host range of okra enation leaf curl virus	Kendre AH, Gholve VM and Navale MD	The Pharma Innovation Journal 2023; 12(3): 1950-1953
5	Bio efficacy of different bioagents against <i>Colletotrichum lindemuthianum</i> causing Anthracnose of Cowpea in <i>in vitro</i> conditions.	Lokhande A.D.; M.S. Dadke; T.S. Godhawale, R.K. Jyotika and M.S. Mahajan	The Pharma Innovation Journal 11(12):4907-4909
6	Management of Fusarium Wilt (<i>Fusarium oxysporum</i> f.sp. <i>melongenae</i>) using Organic Soil Amendments in Eggplant	V. Govardhan Rao, H. S. Viswanath, C. V. Ambadkar, K. D. Navgire and K.T. Apet	International Journal of Plant & Soil Science, 34, (24): 47-56
7	Evaluation of aqueous extracts of de-oiled cakes and organic manures on <i>Trichoderma</i>	V Govardhan Rao, C V Ambadkar, K D Navgire, K T Apet and	Indian Journal of Plant Protection Vol. 50 No. 1, 2022 (41-46)

	<i>harzianum</i> growth under in vitro conditions	P L Sonttake	
8	Effect of copper nanoparticles on growth and cultural characteristics of <i>Trichoderma viride</i>	P.B. Deore, Navgire K.D, Ambadkar C. V., Apet K. T., Gholve V. M, Badgujar S. L., Varala Krishnaveni	Scientist. 2023; 2(2); 327-339
9	Evaluation of different bioagents against <i>Ganoderma</i> spp. causing basal stem rot disease of Gulmohar	TS Godhavale, CV Ambadkar, AD Lokhande and RS Chandurkar	The Pharma Innovation Journal 11(12):4904-4906
10	Evaluation of different fungicides against <i>Ganoderma</i> spp. causing basal stem rot disease of Gulmohar	TS Godhavale, CV Ambadkar, AD Lokhande and RS Chandurkar	Indian Journal of Agriculture and Allied Sciences, 8 (4): 261-266
11	Effect of varying levels and applications of plant growth regulators on growth and yield of soybean (<i>Glycin max</i> (L.) Merrill)	A.A. Patil, A.K. Gore, S.L. Badgujar and S.P. Mehtre	Scientist, 1(3): 3450-3461

List of Research Papers published during 2023-24

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1	Integrated Management of early blight of tomato caused by <i>Alternaria Solani</i> .	M.G. Patil, P.B. Bhalerao and C.V. Ambadkar	Journals of Plant Disease Sciences: 18 (1), 63-66, 2023
2	Bio-efficacy of different bio-agents against <i>Fusarium oxyporium</i> .	Shrawani N., C.V. Ambadkar and M.G. Patil	Journals of Plant Disease Sciences: 18 (1), 72-73, 2023
3	In vitro evaluation of phytoextract against <i>Alternaria solani</i> caused blight of tomato.	M.G. Patil, P.B. Bhalerao and C.V. Ambadkar	Journals of Plant Disease Sciences: 18 (1), 67-69, 2023
4	Detection of seed borne mycoflora of maize by different seed testing methods.	M.G. Patil, T.K. Deore and S.L. Badgujar	Journals of Plant Disease Sciences: 18 (1), 31-38, 2023
5	Experimental investigation on the effect of soil solarisation incorporating black, silver and transparent polythene and straw as much on the microbial population and weed growth.	Shinde Y.A., Jagtap M.P. and Patil M.G	Chemosphere, 336 (2023)
6	Effect of copper nanoparticles on growth and cultural characteristics of <i>Trichoderma viride</i>	P. B. Deore, Navgire K. D., Ambadkar C.V., Apet K.T., Gholve V.M., Badgujar S.L., Varala Krishnaveni	Scientist. 2023; 2(2); 327-339

List of Research Papers published during 2024-25

S. N	Research Article	Authors	Journal Name
1	Field evaluation of various chemicals and bioagent against Bacterial Blight of Desi Cotton	V. M. Gholve, S. P. Sornapriya and G. S. PAWAR	J. Mycopathol. Res. 62(3): 573-579, 2024, ISSN: 0971-3719 (Print), 2583-6315 (Online)
2	Integrated Disease Management of Blight of Pigeonpea caused by <i>Phytophthora drechsleri</i> f.sp. <i>cajani</i>	Gholve, V.M., G. S. Pawar, S. N. Banne and Hiwale, A. A.	Journal of Plant Disease Sciences: 72-77, 19 (1): 2024
3	Association of different Grain Mold fungal flora at different Crop Stages of <i>Kharif</i> Sorghum	Gholve, V. M., G. S. Pawar, S. N. Banne and B. R. Sawade	Journal of Plant Disease Sciences: 86-92, 19 (1): 2024
4	<i>In vitro</i> bio-efficacy of biocontrol agents against <i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i> , causing wilt disease of tomato	PP Barhate, VM Gholve, AS Sisodia, GV Bhosale and SN Banne	International Journal of Advanced Biochemistry Research 2024; SP-8(10): 1237-1240
5	Bio-efficacy of Phytoextracts against <i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i> , causing wilt of Tomato in <i>in vitro</i> conditions	P.P. Barhate, A.S. Sisodia, K.P. Likhitar, G. V. Bhosale and V.M. Gholve	Biological Forum – An International Journal 16(10): 140-143(2024)
6	Evaluate efficacy of different systemic fungicides against Tomato wilt caused by <i>Fusarium oxysporum</i> f.sp. <i>Lycopersici</i> (Sacc.) in Laboratory condition	Barhate P.P., Gholve V.M., Sisodia A.S. and Jadhav V.K.	Biological Forum – An International Journal 16(10): 94-96(2024)
7	Morphological, biochemical and molecular characterization of Plant Growth Promoting Rhizobacteria with synergistic effect against <i>Fusarium oxysporum</i> .	Neware R.A., Bhagat Y.S., Ambadkar C.V., Salunkhe V.N., Nirwal K.P., and Chavhan R.L.	Journal of Advances in Biology & Biotechnology 27(11):295-311, 2024
8	Exploring artificial intelligence technique for detection of pigeon pea sterility mosaic disease.	Pawar S.Y., Ghante P. H., Hingole D. G., Patil L. P. and Thomse S. R.	The Pharma Innovation Journal 2023; SP-12(9):482-489
9	Revolutionizing citrus health: AI-Based Detection of Greening Disease and Nutrient Deficiencies in Sweet Orange.	Thomse S.R., Ghanta P.H., Hingole D. G., Suradkar A. L., Patil S. G., Patil L. P., Khaire P. B., and Pawar S. Y.	Journal of Experimental Agriculture International 47(01): 381-391(2025)
10	Advancing real-time plant disease detection: A lightweight deep learning approach and novel dataset for pigeon pea crop.	Sandesh Bhagat, Manesh Kokare, Vineet Haswani, Praful Hambarde, Trupti Taori, P. H. Ghante, D. K. Patil	Smart Agricultural Technology 7 (2024) 100408
11	Effects of tomato cultivars and planting dates on the leaf curl virus disease.	P. M. Khandare, S. L. Badgujar, R.M. Khandare	Multilogic in Science Volume XIV, 2024

12	The evaluation of different agro wastes for cultivation of milky mushroom	B. S. Vasmatkar, S. L. Badgujar, P. M. Khandare	Multilogic in Science Volume XIV, 2024
13	The collection, identification and morphological characteristics of different isolates of <i>Ganoderma lucidum</i> Marathwada region.	B. S. Vasmatkar, S. L. Badgujar, P. M. Khandare	Multilogic in Science Volume XIV, 2024
14	<i>In Vitro</i> Evaluation of fungicides against <i>Sphaceloma rosarum</i> .	S. L. Badgujar, P. M. Khandare, S. P. Gadewad, S. D. Shewale	Multilogic in Science Volume XIV, 2024
15	<i>In Vitro</i> Evaluation of bioagents and essential oils against <i>Sphaceloma rosarum</i> .	S. L. Badgujar, P. M. Khandare, S. P. Gadewad, S. D. Shewale	Multilogic in Science Volume XIV, 2024
16	Watershed Analysis Delineation, Morphological Analysis & Land Use/Land Cover Mapping of Watershed by Using REMOTE SENSING & GIS Technique.	S. D. Payal, S. L. Badgujar, B. S. Vasmatkar, P. M. Khandare	Multilogic in Science Volume XIV, 2024
17	Watershed Analysis Delineation and Morphological Analysis of Bhogaon Watershed by Using REMOTE SENSING & GIS	S. D. Payal, S. L. Badgujar, P. M. Khandare, B. S. Vasmatkar	Multilogic in Science Volume XIV, 2024
18	In vitro efficacy of fungicides, bioagents and plant extracts against anthracnose of Bt-cotton caused by <i>Colletotrichum gossypii</i>	D.B. Yadav, S. L. Badgujar, P. M. Khandare, B. S. Vasmatkar, G. V. Bhosale	International Journal of Advanced Biochemistry Research Volume 8(11)/124-426
19	Life cycle and host preference study of giant African snail (<i>Achatina fulica</i>) under laboratory conditions.	Mohini M. Bhondave, Shraddha S. Dhurgude, M. P. Gadekar, Aishwarya S. Kale. P. R. Zanwar. D. D. Patait, and Minakshi G. Patil	International Journal of Advanced Biochemistry Research, 2024 8(10): 1233-1236
20	Efficacy of various fungicides against <i>Machrophomina phaseolina</i> (Tassi.) Goid causing charcoal rot of soybean	Arun S Kelgandre, Minakshi G. Patil, Shilpa M. Chapke and Gopinath V. Bhosale	International Journal of Advanced Biochemistry Research, 2024 8(12): 10-15
21	Studies on biological and consortium of bioagents (Biomix) on growth and yield of banana <i>Musa paradisiaca</i> L.	Pate A. D., Dhutraj S. V., Patil M. G., Petkule Y. P. and Adsul R. B.	International Journal of Advanced Biochemistry Research, 2024 8(12): 1017-1020
22	The Impact of Weathers Parameters on Downy Mildew Disease of Bottle Gourd.	V.H. Gelande, A. T. Daunde, V. M. Gholve And C. V. Ambadkar	Multilogic in Science Volume XV, 2025

