

Publications – Refereed Articles

Authors	Year	Title	Journal	NAAS JI. ID
1. Verma, R.P.S., Singh, D.P., Selvakumar, R., Chand, R, Singh, V.K. and Singh, A.K.	2012	Resistance to spot blotch in barley germplasm (Submitted).	Indian J. Genet.	1051 (4.0)
2. Selvakumar, R.; Verma, R.P.S., Saharan, M. S Bhardwaj S.C. Shekhawat, P.S., Madhu Meeta, Dhanbir Singh, Rakesh Devlash, Karwasra, S. S., Jain, S.K. and Indu Sharma	2012	Multilocation evaluation of seedling and adult plant resistance of barley genotypes to yellow rust (<i>Puccinia striiformis</i> f. sp. <i>hordei</i>). (Accepted).	Indian J. Agrl. Sci.	1022 (7.5)
3. AS Kharub, RPS Verma, Dinesh Kumar, B Sarkar, R Selvakumar and Indu Sharma.	2012	Scope of dual purpose barley in India: Performance and potentials. (Submitted).	Indian J. Agrl. Sci	1022 (7.5)
4. Selvakumar, R., Verma, RPS., Madhu Meeta, Javed Baher, Kalappanawar, I.K., Singh, S.P, Karwasra, S.S. and Indu Sharma	2011	Multilocation validation of integrated pest management modules in barley. 26(2)184	Pl. Dis. Res.	P055 (3.00)
5. Selvakumar, R.	2011	<i>Pseudomonas syringae</i> for management of post harvest rot in Khasi mandarin oranges 26(2)183	Pl. Dis. Res.	P055 (3.00)
6. Selvakumar, R.	2012	Biocontrol of post harvest <i>Penicillium</i> rot in Khasi mandarin oranges 30(1):94-96	Env. & Ecol.	E045 (2.1)
7. Selvakumar, R.	2012	Standardisation of oyster mushroom production technologies in Pasighat 30(1): 125-129	Env. & Ecol.	E045 (2.1)
8. Verma RPS, Sarkar B, Kharub AS, Dinesh Kumar, Selvakumar R, Sneha Narwal and Singh SS	2011	DWRB73: New malt barley variety for late sown conditions in NWPZ Vol. 5 (1)	Wheat & Barley News letter	

9.	Rekha Malik, RPS Verma, R Selvakumar, Neha Jain and Rajendra Kumar	2010	Characterisation of barley lines for leaf spot resistance. Vol. 4 (2)	Wheat & Barley News letter	
10	Selvakumar,R. and Verma, R.P.S.	2009	AUDPC for better understanding the resistance against foliar blights in barley.	Wheat & Barley News letter	
11	Selvakumar, R. and Raja, P.	2008	Evaluation of <i>Chaetomium globosum</i> mutants against <i>Drechslera sorokiniana</i> causing spot blotch of wheat. 26:524-527.	Env. Ecol.	E045 (2.00)
12	Bahadur, P. Ramcharan, Gandhikumar, N. and Selvakumar, R.	2004	Genetics of resistance to stem rust in five bread wheats.56:142-146	Indian Phytopath.	1093 (4.00)
13	Bahadur, P. Ramcharan, Gandhikumar, N. and Selvakumar, R.	2003	Inheritance of resistance in five wheat cultivars to stem rust. 57:34-38	Indian Phytopath.	1093 (4.00)
14	Selvakumar, R., Srivastava, K.D., Aggarwal, R. and Singh, D.V.	2001	Development of bioformulation of <i>Chaetomium globosum</i> . 41:93-95	Indian J. Microbiol.	1061 (4.00)
15	Selvakumar,R., Srivastava, K.D., Aggarwal,R. and Singh, D.V.	2001	Biocontrol of spot blotch of wheat using <i>Chaetomium globosum</i> .9:286-291	Ann. P. Protec.	A130 (2.00)
16	Selvakumar,R., Srivastava, K.D., Aggarwal,R. , Singh, D.V. and Dureja, P.	2000	Studies on development of <i>Trichoderma viride</i> mutants and their effects on <i>Ustilago segetum tritici</i> . 53:185-189	Indian Phytopath.	1093 (4.00)
17	Selvakumar,R., Mondal,G. and Srivastava,K.D.	1997	Potentialities of <i>Trichoderma</i> species for biocontrol of loose smut of wheat. 1141-1142.	Indian Phytopath.	1093 (4.00)

Other Publications

Item	Year	Details	Publisher	Pages No.
Books published				
Authored				
Verma, R.P.S., Kharub,A.S., Dinesh	2012	A compendium of lectures on "Malting Quality Improvement	DWR, ICAR	126

	Kumar, Sarkar,B., Selvakumar,R., Rekha Malik and Indu Sharma		in Barley, Sorghum & Corn”, , Directorate of Wheat Research, Karnal, India,DWR Compendium No. 5 P 126.		
	R. Selvakumar	2004	Fundamentals of Plant Pathology	CHF, CAU	183
	R. Selvakumar	2006	Diseases of horticultural crops and their management	CHF, CAU	212
	R. Selvakumar	2007	Mushroom cultivation	CHF, CAU	138
Book Chapters /Manuals					
	R. Selvakumar	2012	Barley diseases and their management In: A compendium of lectures on “Malting Quality Improvement in Barley, Sorghum & Corn”, Ed.: Verma, R.P.S., Kharub,A.S., Dinesh Kumar, Sarkar,B., Selvakumar,R., Rekha Malik and Indu Sharma 2012. DWR Compendium No. 5, Directorate of Wheat Research, Karnal, India. 131 p.	DWR, ICAR	120-125
	Verma, R.P.S., Kharub, A.S., Sarkar, B., Selvakumar, R., D. Kumar, and Sharma, I.	2011	Barley improvement in India. In: Souvenir: 50 th All India Wheat and Barley Research Worker’s Meet. September, 1-4, 2011, New Delhi, India. Directorate of Wheat Research, Karnal.pp 18-26.	DWR, ICAR	18-26
	Sharma,A.K, Singh,D.P, Saharan,M.S and Selvakumar,R.	2011	Wheat Pathology. In: 100 years of wheat research in India – A saga of distinguished achievements. p 141-170.	DWR, Karnal	pp.281
	Verma, R.P.S., Sarkar,B., Kharub, A.S. and Selvakumar,R.	2010	Challenges for barley production in India	Indian farming 60(5)	pp. 41-48
	Verma, R.P.S., Kharub, A.S. and Selvakumar,R.	2009	Present scenario of malt barley research in India. In: Consolidating the productivity gain in wheat – an outlook. Ed: Sharma, R.K., Aggarwal, R., Singh, A.M. Sharma, A. and Sharma, J.B. Pp.119.	IARI, New Delhi 110012, India.	P.108- 112.

	Selvakumar, R.	2008	Training manual on oyster mushroom cultivation	CHF, CAU	30p
	Selvakumar,R.	2007	Biological control of Pythium diseases in crops. In: Biocontrol of Plant Diseases Ed. P.C. Trivedi;	Avishkar Publishers, Distributors, Jaipur.	pp.107-125.
	Selvakumar,R.	2007	Nursery disease management. In: Training on nursery management of horticultural crops. Ed. Hazaika, B.N. and Sen,B.	CHF, CAU	pp.47-50
	Selvakumar,R.	2006	Practical manual on diseases of ornamental, medicinal and aromatic plants	CHF, CAU	14p
	Selvakumar,R.	2005	Plant Pathogens – Line Drawings (Manual)	CHF, CAU	44p
	Selvakumar,R.	2004	Practical manual on diseases of vegetable, tuber and spice crops.	CHF, CAU	26p
	Bhowmik,S.N. and Selvakumar,R.	2003	Practical manual on mushroom culture	CHF, CAU	44p

Conference proceeding papers

Publication in Symposia/Seminars/Conferences/ Trainings

1. R. Selvakumar and M.S. Saharan 2012. Monitoring and managing wheat crop health in northern India. In: Training on increasing wheat production with an emphasis on wheat rust management in Himachal Pradesh. Organised by DWR & Dept. of Agriculture, H.P. from 8-9 Oct. 2012 at SAMETI, Shimla,H.P.
- 2.
3. M.S. Saharan and R. Selvakumar 2012. Epidemiology of wheat diseases and emergency use of chemicals. In: Training on increasing wheat production with an emphasis on wheat rust management in Himachal Pradesh. Organised by DWR & Dept. of Agriculture, H.P. from 8-9 Oct. 2012 at SAMETI, Shimla,H.P.
4. Raja, P., Selvakumar,R., Singh, A.K. and Sureja,A.K. (2012). Effect of ecofriendly post harvest treatments against rhizome rot of ginger in storage. 114-116. In: International conference on environment and humanities ECO REVOLUTION 2012, 18-20 Aug. 2012, Colombo, Srilanka.
5. R.P.S. Verma, A.S. Kharub, D. Kumar, B. Sarkar and R. Selvakumar (2012) Widening the horizon for malt barley cultivation in India. In: 11th International Barley Genetics Symposium held at Hangzhou, China from 15-20 April, 2012.

2. Selvakumar,R. (2011) Host pathogen interaction between *Bipolaris sorokiniana* causing spot blotch of wheat and biocontrol agent *Chaetomium globosum*. In: 3rd International Group meeting on wheat productivity enhancement under changing climate Feb. 9-12, 2011 UAS, Dharwad. p218.
3. Selvakumar,R. (2011) Increasing yield potential of oyster mushroom through sterilization techniques in north eastern India. In: 9th symposium on crop health management for sustainable agri-horticultural cropping system, Feb.17-19,2011, Port Blair. p121.
4. Selvakumar,R. (2011) *Pseudomonas syringae* – an effective biocontrol agent for management of Khasi mandarin *Penicillium* rot in Arunachal Pradesh. In: 9th symposium on crop health management for sustainable agri-horticultural cropping system, Feb.17-19,2011, Port Blair. p116
5. Selvakumar,R. (2010) Biocontrol of post harvest *Penicillium* rot in Khasi mandarin oranges. In: poster session, Symposium on Emerging plant diseases in North india – status and management strategies, Oct.28-29, 2010 at Hisar, Haryana.
6. Selvakumar,R., Verma, R.P.S. and Kharub, A.S. (2009) Current status of barley leaf blight pathogens in India. In: Poster Session, 5th International Conference on Plant Pathology in the Globalised Era, Nov. 10-13, 2009, New Delhi. p273.
7. Selvakumar,R. (2009) Screening of chemicals and biocontrol agents for management of foot rot of betelvine. In: Poster Session, 5th International Conference on Plant Pathology in the Globalised Era, Nov. 10-13, 2009, New Delhi. p349.
8. Selvakumar,R. (2008) Screening of tomato cultivars for resistance against powdery mildew in East Siang district of Arunachal Pradesh. In: Poster Session, 5th International Conference on Plant Pathology in the Globalised Era, Nov. 10-13, 2009, New Delhi. p149
9. Raja, P., Selvakumar,R., Singh, A.K. and Sureja,A.K. (2009). Isolation of native *Trichoderma* sp. In Arunachal Pradesh: a potential biocontrol agent against rhizome rot of ginger. In: Poster Session, 5th International Conference on Plant Pathology in the Globalised Era, Nov. 10-13, 2009, New Delhi. p343.
10. Raja, P., Singh, A.K., Selvakumar,R., and Sureja,A.K. (2009). Effect of post harvest treatments on storage of ginger planting material. In: Poster Session, 5th International Conference on Plant Pathology in the Globalised Era, Nov. 10-13, 2009, New Delhi. p396

11. Selvakumar, R., Singh, A.K., Sureja, A.K. and Raja, P. (2008) Evaluation of Trichoderma isolates against rhizome rot of ginger incited by Fusarium spp. Symposium on "Transgenics in Defense of Agricultural Crops" in Dec.23-24, 2009 at DWR Karnal organised by Indian Phytopathological Society (NZ), New Delhi. p.38
12. Selvakumar, R. (2008) Bioformulations for management of late blight of potato in north eastern India. In: Third international late blight conference, Beijing, 3-5 April, 2008.
13. Selvakumar, R. (2007) Current status of ginger rhizome rot in Arunachal Pradesh. In: Interactive workshop for the generation of network programme on Management of ginger diseases and pests in north eastern and Himalayan region (Jan. 5-6, 2007) sponsored by DBT and organized by ICAR research complex for NEH region, Gangtok, Sikkim
14. Selvakumar, R. (2007). Biological control of Sclerotinia blight of cabbage using Trichoderma spp. In: National symposium on plant protection: Technology Interface during 28 & 29, Dec. 2007 in West Bengal.
15. Selvakumar, R. 2007. Variability among Colletotrichum capsici causing chili anthracnose in north eastern India. In: First international symposium on chili held in AVRDC, Taiwan. p.35
16. Selvakumar, R. (2006) Rhizome rot of ginger – an emerging disease in Arunachal Pradesh In: 58th Annual meeting of Indian Phytopathological Society & national symposium on Emerging plant diseases their diagnosis and management held at Siliguri, West Bengal from Jan31-Feb 2, 2006.
17. Selvakumar, R. (2005) Prospects of plant pathologists in Arunachal Pradesh. Presented during In: Annual meeting of Indian society of plant pathologists (INSOPP) & Centenary symposium on Plant Pathology to be held on April 7 & 8, 2005 at CPRI, Shimla.
18. Singh Saroj, Amerika Singh and Selvakumar, R. 2001. Pest risk analysis for Peronospora manshurica. Indian Phytopath. In: National symposium on eco friendly approaches for plant disease management. Organised by IPS and ISPP from Jan. 22-24, 2001 in Chennai.
19. Selvakumar, R. and Srivastava, K.D. 2000. Studies on enzyme production by

Trichoderma viride. In: 52nd National symposium on "Role of Resistance in Intensive Agriculture" 15-17, Feb. 2000, Organized by Indian Phytopathological Society, New Delhi, India.

20. Selvakumar, R. and Srivastava, K.D. 2000. Studies on compatibility of Chaetomium globosum with fungicides. In: National Conference on Swadeshi Vigyan: Traditional and Modern (Focus: Health, Agriculture and Water) from Dec. 26-28, 2000 held at Netaji Subash Institute of Technology, New Delhi.

21. Selvakumar, R. and Srivastava, K.D. 2000. Management of spot blotch of wheat using biocontrol agents. In: National Conference on Swadeshi Vigyan: Traditional and Modern (Focus: Health, Agriculture and Water) from Dec. 26-28, 2000 held at Netaji Subash Institute of Technology, New Delhi.

22. Selvakumar, R. 1999. Development of carboxin tolerant mutants of Trichoderma viride. In: Poster Session, National symposium on crop pest and disease management: challenges for their next millennium, Organized by The Society of Plant Protection Sciences, New Delhi, India.

23. Selvakumar, R. 1999. Trichoderma viride as a biocontrol agent against loose smut of wheat. In: Poster Session, National symposium on crop pest and disease management: challenges for their next millennium, Organized by The Society of Plant Protection Sciences, New Delhi, India.

24. Selvakumar, R., Mondal, G. and Srivastava, K.D. 1997. Potentialities of Trichoderma species for biocontrol of loose smut of wheat. In: Poster Session, International Conference on Integrated Plant Disease Management for Sustainable Agriculture. 10-15 Nov., 1997, New Delhi, India.

Research / Technical bulletins

1. Verma, R.P.S., V. Kumar, B. Sarkar, A.S. Kharub, D. Kumar, R. Selvakumar, R. Malik and Indu Sharma. 2012. Barley cultivars released in India: Names, Parentages, origins and adaptations. Directorate of Wheat Research, Karnal-132001. Research Bulletin. No 29: P 26.
2. Kharub, A.S., R.P.S. Verma, Dinesh Kumar, B. Sarkar, Selvakumar, R., V. Kumar and Indu Sharma. 2012. Barley as dual purpose crop for dry areas. Directorate of Wheat Research, Karnal-132001. Extension Bulletin. No 35.
3. Selvakumar, R., V. Kumar, Verma, R.P.S., A.S. Kharub, D. Kumar, B. Sarkar and Indu Sharma. 2012. Barley diseases and post harvest pest management. Directorate of

Wheat Research, Karnal-132001. Extension Bulletin. No 36.

4. DineshKumar, R.P.S. Verma, A.S. Kharub, V. Kumar, S. Narwal, B. Sarkar, Selvakumar, R. and Indu Sharma. 2012. Barley products for human consumption. Directorate of Wheat Research, Karnal-132001. Extension Bulletin. No 37.
5. Verma, R.P.S., A.S. Kharub, D. Kumar, B. Sarkar, R. Selvakumar, Randhir Singh, Rekha Malik, Raj Kumar and Indu Sharma.2011. Fifty Years of Coordinated Barley Research in India.
6. Verma, R.P.S., Kharub, A.S., Sarkar, B., Selvakumar, R., D. Kumar, and Sharma I. 2011. Barley improvement in India. In: Souvenir: 50th All India Wheat and Barley Research Worker's Meet. September, 1-4,2011, New Delhi, India. Directorate of Wheat Research, Karnal. pp 18-26.
7. Kumar,A., Singh,R., Verma,R.P.S., Kharub.A.S., Singh,S., Selvakumar,R., Chand,R. and Singh,S.S. (2009) A pocket book on improved techniques for barley cultivation. Extension Bulletin No: 28; p.28. (In Hindi)
8. Kumar,A., Singh,R., Verma,R.P.S., Kharub.A.S., Singh,S., Selvakumar,R., Chand,R. and Singh,S.S. (2009) Improved techniques for barley cultivation. Extension Bulletin No: 28; PP.22. (In Hindi)
9. Kumar,A., Singh,R., Verma,R.P.S., Kharub.A.S., Singh,S., Selvakumar,R., Chand,R. and Singh,S.S. (2009) Advanced techniques for barley cultivation. Crop to cash: 5: 6-10 (In Hindi)
10. Selvakumar, R. 2006. Identification guide for cruciferous vegetable diseases . 11p.
11. Selvakumar, R and Mamocha Singh, K. 2005. IPM packages for cruciferous vegetables grown in east Siang district. 12p.
12. Raja, P. and Selvakumar, R 2008 . Chilli diseases of Arunachal Pradesh and management.
13. Raja, P. and Selvakumar, R 2008. Potato diseases of Arunachal Pradesh and management.
14. Raja, P. and Selvakumar, R 2007 Integrated disease management on tomato diseases
15. Selvakumar, R and Raja, P.. 2007. Trichoderma – an efficient biocontrol fungi
16. Selvakumar, R and Gupta, M.K. 2004. IPM Packages for khasi mandarin oranges. 11p.
17. Selvakumar, R. 2004. Late blight of potato
18. Selvakumar, R. 2004. Oyster Tapaar Extension Bulletin
19. Selvakumar, R. 2003. Oyster mushroom cultivation Extension Bulletin
20. Selvakumar, R. 2003. Bordeaux mixture for fruit diseases management.

Popular articles :

1. Verma, RPS, Kharub,AS, Kumar,D, Sarkar,B, Selvakumar,R, Indu Sharma. 2012. New late sown malt barley cultivars. ICAR News. Vol 18. No. 3. 14-15
2. Selvakumar, R. 2000. Leaf curl disease of peach. In: The Hindu, Thursday, Dec.21, 2000.
3. Selvakumar, R. 2000. Pineapple disease in cane. In: The Hindu, Thursday, Dec.7, 2000.

4. Narayana, R. and Selvakumar, R. 1999. Entomoparasitism by nematodes – a gateway for biocontrol. Indian Farming 49:36.
5. Mohan, M. and Selvakumar, R. Low cost methods for IPM in cotton. In: The Hindu Thursday, Nov.5,1998.
6. Selvakumar, R. Loose smut of wheat. In : The Hindu, Thursday, May 28, 1998.
7. Sivakumar, G., Selvakumar, R. and Bhinu, V.S. Integrated disease management in crops. In : Employment News, VOL.XXII No.25 : 20-26, Sep. 1997.

Annual Reports:

1. Anonymous 2009. Progress Report of AICW&BIP 2008-09. Vol. 6. Barley Network. Eds. RPS Verma, AS Kharub, R. Selvakumar. Sneha Narwal, MC Jat, KS Babu, Rajkumar, Ajay Verma, R Chatrath and SS Singh. p. 244
2. Anonymous 2010. Progress Report of AICW&BIP 2009-10. Vol. 6. Barley Network. Eds. RPS Verma, AS Kharub, B.Sarkar, R. Selvakumar. Sneha Narwal, MC Jat, Dineshkumar, Rajkumar, Ajay Verma, R Chatrath and SS Singh. p.253
3. Anonymous 2011. Progress Report of AICW&BIP 2010-11. Vol. 6. Barley Network. Eds. RPS Verma, AS Kharub, Dineshkumar, B.Sarkar, R. Selvakumar, Dineshkumar, Rajkumar, Ajay Verma, R Chatrath and Indu Sharma. P.245
4. Anonymous 2011. Progress Report of AICW&BIP 2010-11. Vol. 6. Barley Network. Eds. RPS Verma, AS Kharub, Dinesh Kumar, B. Sarkar, R. Selvakumar, Randhir Singh, Satyavir Singh, Rajkumar, Ajay Verma and Indu Sharma. Directorate of Wheat Research, Karnal, India. P.302
5. Anonymous 2012. Progress Report of AICW&BIP 2011-12. Vol. 3. Crop Protection. Eds. A.K. Sharma, D.P. Singh,A.K. Singh, M.S. Saharan,R. Selvakumar and Indu Sharma. Directorate of Wheat Research, Karnal, India. P.259
6. Anonymous 2012. Progress Report of AICW&BIP 2011-12. Vol. 6. Barley Network. Eds. RPS Verma, AS Kharub, Dinesh Kumar, B. Sarkar, R. Selvakumar, V. Kumar, Randhir Singh, Satyavir Singh, R. Malik, Rajkumar, Ajay Verma and Indu Sharma. Directorate of Wheat Research, Karnal, India. P.325